

# **SOUTH BAY OCEAN OUTFALL MONTHLY RECEIVING WATERS MONITORING REPORT**

## **SOUTH BAY WATER RECLAMATION PLANT**

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

# **JUNE 2026**

Environmental Monitoring and Technical Services  
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July 31, 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 June 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 as amended by Order No. R9-2026-0006, 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  $\geq 4$  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)<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 water-contact standards specified in the 2019 California Ocean Plan (Ocean Plan). The six standards are defined as follows:

#### **Water-Contact Objectives**

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 *Enterococci* 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

#### **Shellfish Harvesting Standards**

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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.

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<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

### ➤ 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 June, 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 S5, S6, S11, and S12.
  - The single sample maximum (SSM) standard for fecal coliforms was exceeded at stations S5, S6, S11, and S12.
  - The 6-week running geometric mean standard for *Enterococcus* was exceeded at stations S5, S6, S11, and S12.
  - The statistical threshold value (STV) standard for *Enterococcus* was exceeded at stations S5, S6, S11, and S12.

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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, S8, 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 S5, S6, S8, S10, S11, and S12 on one or more days in June.
- 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 June 2, 9, 16, 24, and 29.
- During June, six of the seven kelp bed stations were out of compliance with the 2019 Ocean Plan water contact standards on one or more days as follows:
  - The SSM standard for fecal coliforms was exceeded at station I32.
  - The STV standard for *Enterococcus* was exceeded at station I32.
  - The 30-day running median standard for total coliforms was exceeded at stations I19, I25, I26, and I32.
  - The STV standard for total coliforms was exceeded at stations I19, I 24, I 25, I26, I32, and I40.
- Water column temperatures ranged from 11.73 to 20.28°C. The difference between surface and bottom waters ranged from 1.93 to 6.87°C.
- Concentrations of chlorophyll *a* ranged from 0.54 to 65.08 µg/L at the kelp bed stations.
- A sewage-like odor was detected at SBOO kelp station I32 on one or more days in June.

#### ➤ **Offshore Water Quality Sampling**

- Quarterly sampling was not conducted during June at the offshore stations. The next quarterly sampling is scheduled for August 2026.





# TABLES AND FIGURES



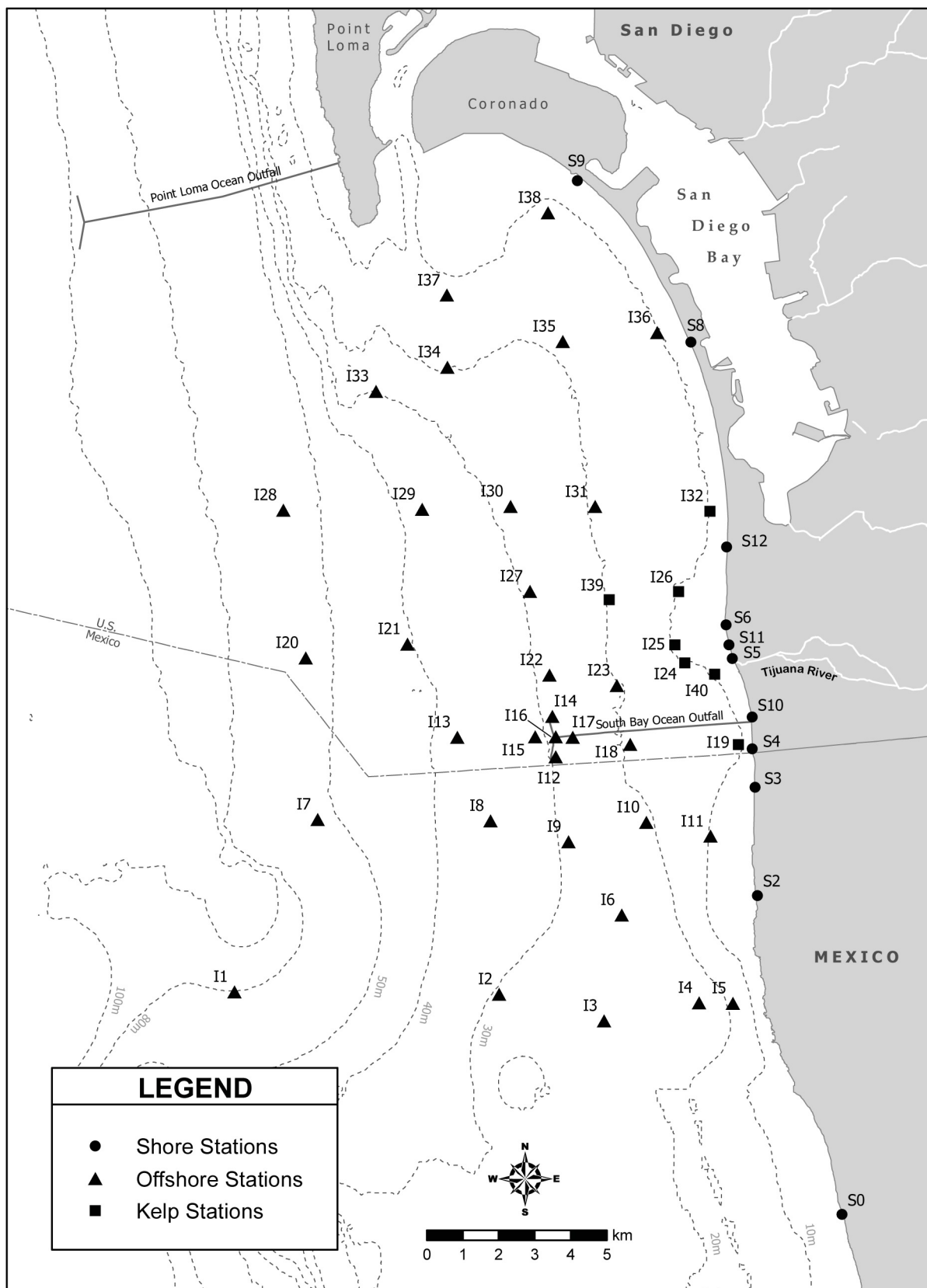


Figure 1.1 Station Map

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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 Jun 2026 | *36 | <b>*4887</b> | *59          | *6  | *9 | *35 | <b>*330</b>  | *16         |
| 02 Jun 2026 | 35  | <b>5849</b>  | 171          | 10  | 8  | 31  | <b>677</b>   | 60          |
| 03 Jun 2026 | 35  | <b>5849</b>  | 171          | 10  | 8  | 31  | <b>677</b>   | 60          |
| 04 Jun 2026 | 35  | <b>5849</b>  | 171          | 10  | 8  | 31  | <b>677</b>   | 60          |
| 05 Jun 2026 | 35  | <b>*4887</b> | <b>*521</b>  | *15 | *5 | 31  | <b>*330</b>  | *139        |
| 06 Jun 2026 | *11 | <b>*4887</b> | <b>*521</b>  | *15 | *5 | *7  | <b>*330</b>  | *139        |
| 07 Jun 2026 | *11 | <b>*4887</b> | <b>*521</b>  | *15 | *5 | *7  | <b>*330</b>  | *139        |
| 08 Jun 2026 | *11 | <b>*4887</b> | <b>*521</b>  | *15 | *5 | *7  | <b>*330</b>  | *139        |
| 09 Jun 2026 | 9   | <b>5522</b>  | <b>494</b>   | 10  | 5  | 6   | <b>355</b>   | 60          |
| 10 Jun 2026 | 9   | <b>5522</b>  | <b>494</b>   | 10  | 5  | 6   | <b>355</b>   | 60          |
| 11 Jun 2026 | *10 | <b>*5844</b> | <b>*1103</b> | *8  | *4 | *6  | <b>*829</b>  | *86         |
| 12 Jun 2026 | *10 | <b>*5844</b> | <b>*1103</b> | *8  | *4 | *6  | <b>*829</b>  | *86         |
| 13 Jun 2026 | *10 | <b>*5844</b> | <b>*1103</b> | *8  | *4 | *6  | <b>*829</b>  | *86         |
| 14 Jun 2026 | *10 | <b>*5844</b> | <b>*1103</b> | *8  | *4 | *6  | <b>*829</b>  | *86         |
| 15 Jun 2026 | *10 | <b>*5844</b> | <b>*1103</b> | *8  | *4 | *6  | <b>*829</b>  | *86         |
| 16 Jun 2026 | 9   | <b>6748</b>  | <b>1587</b>  | 6   | 6  | 6   | <b>1359</b>  | 107         |
| 17 Jun 2026 | 9   | <b>6748</b>  | <b>1587</b>  | 6   | 6  | 6   | <b>1359</b>  | 107         |
| 18 Jun 2026 | *9  | <b>*5844</b> | <b>*1739</b> | *5  | *7 | *6  | <b>*867</b>  | <b>*243</b> |
| 19 Jun 2026 | *9  | <b>*5844</b> | <b>*1739</b> | *5  | *7 | *6  | <b>*867</b>  | <b>*243</b> |
| 20 Jun 2026 | *9  | <b>*5844</b> | <b>*1739</b> | *5  | *7 | *6  | <b>*867</b>  | <b>*243</b> |
| 21 Jun 2026 | *9  | <b>*5844</b> | <b>*1739</b> | *5  | *7 | *6  | <b>*867</b>  | <b>*243</b> |
| 22 Jun 2026 | *9  | <b>*5844</b> | <b>*1739</b> | *5  | *7 | *6  | <b>*867</b>  | <b>*243</b> |
| 23 Jun 2026 | *9  | <b>*5844</b> | <b>*1739</b> | *5  | *7 | *6  | <b>*867</b>  | <b>*243</b> |
| 24 Jun 2026 | 10  | <b>2036</b>  | <b>818</b>   | 7   | 6  | 8   | <b>508</b>   | 160         |
| 25 Jun 2026 | *10 | <b>*2497</b> | <b>*1069</b> | *9  | *9 | *8  | <b>*1357</b> | *117        |
| 26 Jun 2026 | *10 | <b>*2497</b> | <b>*1069</b> | *9  | *9 | *8  | <b>*1357</b> | *117        |
| 27 Jun 2026 | *10 | <b>*2497</b> | <b>*1069</b> | *9  | *9 | *8  | <b>*1357</b> | *117        |
| 28 Jun 2026 | *10 | <b>*2497</b> | <b>*1069</b> | *9  | *9 | *8  | <b>*1357</b> | *117        |
| 29 Jun 2026 | *10 | <b>*2497</b> | <b>*1069</b> | *9  | *9 | *8  | <b>*1357</b> | *117        |
| 30 Jun 2026 | 12  | <b>1748</b>  | <b>379</b>   | 7   | 7  | 6   | <b>1402</b>  | 72          |

\* 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 |
|-------------|----|----|----|----|----|-----|-----|-----|
| 02 Jun 2026 | IC | E  | E  | IC | IC | IC  | E   | E   |
| 09 Jun 2026 | IC | E  | IC | IC | IC | IC  | E   | IC  |
| 16 Jun 2026 | IC | E  | E  | IC | IC | IC  | E   | IC  |
| 24 Jun 2026 | IC | IC | IC | IC | IC | IC  | IC  | IC  |
| 30 Jun 2026 | IC | E  | IC | IC | IC | IC  | E   | IC  |

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data



**Table 2.3**

Summary of compliance with the Ocean Plan's 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 Jun 2026 | 11 | <b>2643</b> | <b>59</b>  | 7  | 19 | 19  | <b>185</b> | 24         |
| 02 Jun 2026 | 15 | <b>2643</b> | <b>62</b>  | 6  | 15 | 27  | <b>185</b> | <b>41</b>  |
| 03 Jun 2026 | 15 | <b>2643</b> | <b>62</b>  | 6  | 15 | 27  | <b>185</b> | <b>41</b>  |
| 04 Jun 2026 | 15 | <b>2643</b> | <b>62</b>  | 6  | 15 | 27  | <b>185</b> | <b>41</b>  |
| 05 Jun 2026 | 15 | <b>2643</b> | <b>62</b>  | 6  | 15 | 27  | <b>185</b> | <b>41</b>  |
| 06 Jun 2026 | 15 | <b>2643</b> | <b>62</b>  | 6  | 15 | 27  | <b>185</b> | <b>41</b>  |
| 07 Jun 2026 | 15 | <b>2643</b> | <b>62</b>  | 6  | 15 | 27  | <b>185</b> | <b>41</b>  |
| 08 Jun 2026 | 15 | <b>2643</b> | <b>62</b>  | 6  | 15 | 27  | <b>185</b> | <b>41</b>  |
| 09 Jun 2026 | 11 | <b>3879</b> | <b>170</b> | 8  | 12 | 14  | <b>611</b> | <b>82</b>  |
| 10 Jun 2026 | 11 | <b>3879</b> | <b>170</b> | 8  | 12 | 14  | <b>611</b> | <b>82</b>  |
| 11 Jun 2026 | 11 | <b>3879</b> | <b>170</b> | 8  | 12 | 14  | <b>611</b> | <b>82</b>  |
| 12 Jun 2026 | 11 | <b>3879</b> | <b>170</b> | 8  | 12 | 14  | <b>611</b> | <b>82</b>  |
| 13 Jun 2026 | 11 | <b>3879</b> | <b>170</b> | 8  | 12 | 14  | <b>611</b> | <b>82</b>  |
| 14 Jun 2026 | 11 | <b>3879</b> | <b>170</b> | 8  | 12 | 14  | <b>611</b> | <b>82</b>  |
| 15 Jun 2026 | 11 | <b>3879</b> | <b>170</b> | 8  | 12 | 14  | <b>611</b> | <b>82</b>  |
| 16 Jun 2026 | 12 | <b>3838</b> | <b>242</b> | 8  | 15 | 16  | <b>701</b> | <b>116</b> |
| 17 Jun 2026 | 12 | <b>3174</b> | <b>539</b> | 11 | 11 | 16  | <b>490</b> | <b>227</b> |
| 18 Jun 2026 | 6  | <b>3174</b> | <b>539</b> | 11 | 11 | 6   | <b>490</b> | <b>227</b> |
| 19 Jun 2026 | 6  | <b>3174</b> | <b>539</b> | 11 | 11 | 6   | <b>490</b> | <b>227</b> |
| 20 Jun 2026 | 6  | <b>3174</b> | <b>539</b> | 11 | 11 | 6   | <b>490</b> | <b>227</b> |
| 21 Jun 2026 | 6  | <b>3174</b> | <b>539</b> | 11 | 11 | 6   | <b>490</b> | <b>227</b> |
| 22 Jun 2026 | 6  | <b>3174</b> | <b>539</b> | 11 | 11 | 6   | <b>490</b> | <b>227</b> |
| 23 Jun 2026 | 6  | <b>3415</b> | <b>815</b> | 11 | 11 | 5   | <b>741</b> | <b>233</b> |
| 24 Jun 2026 | 7  | <b>1731</b> | <b>497</b> | 14 | 13 | 7   | <b>482</b> | <b>246</b> |
| 25 Jun 2026 | 7  | <b>1731</b> | <b>497</b> | 14 | 13 | 7   | <b>482</b> | <b>246</b> |
| 26 Jun 2026 | 7  | <b>1731</b> | <b>497</b> | 14 | 13 | 7   | <b>482</b> | <b>246</b> |
| 27 Jun 2026 | 7  | <b>1731</b> | <b>497</b> | 14 | 13 | 7   | <b>482</b> | <b>246</b> |
| 28 Jun 2026 | 7  | <b>1731</b> | <b>497</b> | 14 | 13 | 7   | <b>482</b> | <b>246</b> |
| 29 Jun 2026 | 7  | <b>1731</b> | <b>497</b> | 14 | 13 | 7   | <b>482</b> | <b>246</b> |
| 30 Jun 2026 | 9  | <b>1310</b> | <b>376</b> | 9  | 10 | 9   | <b>692</b> | <b>276</b> |

\* 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 |
|------|----|----|----|----|----|-----|-----|-----|
| June | IC | E  | E  | IC | IC | IC  | 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 Jun 2026 | *57 | *16000 | *1530  | *20  | *20 | *95  | *6100  | *240  |
| 02 Jun 2026 | 80  | 16000  | 3000   | 20   | 20  | 140  | 12000  | 460   |
| 03 Jun 2026 | 80  | 16000  | 3000   | 20   | 20  | 140  | 12000  | 460   |
| 04 Jun 2026 | 80  | 16000  | 3000   | 20   | 20  | 140  | 12000  | 460   |
| 05 Jun 2026 | 80  | *16000 | *5800  | *20  | *20 | 140  | *6100  | *3230 |
| 06 Jun 2026 | *57 | *16000 | *5800  | *20  | *20 | *85  | *6100  | *3230 |
| 07 Jun 2026 | *57 | *16000 | *5800  | *20  | *20 | *85  | *6100  | *3230 |
| 08 Jun 2026 | *57 | *16000 | *5800  | *20  | *20 | *85  | *6100  | *3230 |
| 09 Jun 2026 | 34  | 16000  | 4000   | 20   | 20  | 30   | 7600   | 460   |
| 10 Jun 2026 | 34  | 16000  | 4000   | 20   | 20  | 30   | 7600   | 460   |
| 11 Jun 2026 | *50 | *16000 | *6300  | *20  | *20 | *80  | *9800  | *3060 |
| 12 Jun 2026 | *50 | *16000 | *6300  | *20  | *20 | *80  | *9800  | *3060 |
| 13 Jun 2026 | *50 | *16000 | *6300  | *20  | *20 | *80  | *9800  | *3060 |
| 14 Jun 2026 | *50 | *16000 | *6300  | *20  | *20 | *80  | *9800  | *3060 |
| 15 Jun 2026 | *50 | *16000 | *6300  | *20  | *20 | *80  | *9800  | *3060 |
| 16 Jun 2026 | 20  | 16000  | 8600   | 20   | 20  | 60   | 12000  | 5600  |
| 17 Jun 2026 | 20  | 16000  | 8600   | 20   | 20  | 60   | 12000  | 5600  |
| 18 Jun 2026 | *50 | *16000 | *10000 | *30  | *30 | *100 | *11800 | *5800 |
| 19 Jun 2026 | *50 | *16000 | *10000 | *30  | *30 | *100 | *11800 | *5800 |
| 20 Jun 2026 | *50 | *16000 | *10000 | *30  | *30 | *100 | *11800 | *5800 |
| 21 Jun 2026 | *50 | *16000 | *10000 | *30  | *30 | *100 | *11800 | *5800 |
| 22 Jun 2026 | *50 | *16000 | *10000 | *30  | *30 | *100 | *11800 | *5800 |
| 23 Jun 2026 | *50 | *16000 | *10000 | *30  | *30 | *100 | *11800 | *5800 |
| 24 Jun 2026 | 80  | 16000  | 4000   | 40   | 20  | 140  | 7600   | 5600  |
| 25 Jun 2026 | *60 | *16000 | *10000 | *220 | *30 | *100 | *11800 | *3400 |
| 26 Jun 2026 | *60 | *16000 | *10000 | *220 | *30 | *100 | *11800 | *3400 |
| 27 Jun 2026 | *60 | *16000 | *10000 | *220 | *30 | *100 | *11800 | *3400 |
| 28 Jun 2026 | *60 | *16000 | *10000 | *220 | *30 | *100 | *11800 | *3400 |
| 29 Jun 2026 | *60 | *16000 | *10000 | *220 | *30 | *100 | *11800 | *3400 |
| 30 Jun 2026 | 20  | 16000  | 4000   | 40   | 20  | 80   | 16000  | 1200  |

\* 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 |
|------|----|----|----|----|----|-----|-----|-----|
| June | 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 total coliform (Total), fecal coliform (Fecal) and *Enterococcus* (Entero) are reported as CFU/100 mL. Comments follow the data summary.

| Station | Date        | Time | Total  | Fecal  | Entero |
|---------|-------------|------|--------|--------|--------|
| S0      | 02 Jun 2026 | 730  | 500    | 76     | 110    |
| S0      | 09 Jun 2026 | 805  | 120e   | 28e    | 56     |
| S0      | 16 Jun 2026 | 810  | >16000 | >12000 | >12000 |
| S0      | 24 Jun 2026 | 935  | 440    | 34e    | 140e   |
| S0      | 30 Jun 2026 | 740  | 1400e  | 140e   | 200e   |
| S10     | 02 Jun 2026 | 852  | 140e   | 20e    | 14e    |
| S10     | 09 Jun 2026 | 1001 | 6e     | <2     | <2     |
| S10     | 16 Jun 2026 | 744  | 60e    | 4e     | 36e    |
| S10     | 24 Jun 2026 | 901  | 380e   | <20    | 30e    |
| S10     | 30 Jun 2026 | 903  | 80e    | 2e     | 8e     |
| S11     | 02 Jun 2026 | 835  | >16000 | >12000 | >12000 |
| S11     | 09 Jun 2026 | 902  | 7600   | 480    | 2600e  |
| S11     | 16 Jun 2026 | 819  | >16000 | 9800   | 1600e  |
| S11     | 24 Jun 2026 | 857  | 500    | 60e    | 56     |
| S11     | 30 Jun 2026 | 853  | >16000 | 1600e  | 2800e  |
| S12     | 02 Jun 2026 | 911  | >16000 | >12000 | >12000 |
| S12     | 09 Jun 2026 | 933  | 120e   | 2e     | 120e   |
| S12     | 16 Jun 2026 | 859  | 5600   | 260e   | 920    |
| S12     | 24 Jun 2026 | 936  | 1200   | 30e    | 320e   |
| S12     | 30 Jun 2026 | 930  | <20    | 10e    | 4e     |
| S2      | 02 Jun 2026 | 910  | 200e   | 60e    | 16e    |
| S2      | 09 Jun 2026 | 925  | 2e     | <2     | <2     |
| S2      | 16 Jun 2026 | 900  | <20    | 2e     | 2e     |
| S2      | 24 Jun 2026 | 910  | 200e   | 4e     | 6e     |
| S2      | 30 Jun 2026 | 705  | 60e    | 8e     | 26e    |
| S3      | 02 Jun 2026 | 830  | 60e    | <20    | 10e    |
| S3      | 09 Jun 2026 | 855  | 2e     | <2     | 2e     |
| S3      | 16 Jun 2026 | 945  | <20    | 2e     | 2e     |
| S3      | 24 Jun 2026 | 845  | 200e   | 16e    | 32e    |
| S3      | 30 Jun 2026 | 645  | 20e    | 8e     | 18e    |
| S4      | 02 Jun 2026 | 915  | 100e   | 30e    | 16e    |
| S4      | 09 Jun 2026 | 1029 | <20    | 4e     | <2     |
| S4      | 16 Jun 2026 | 806  | 20e    | 6e     | 26e    |
| S4      | 24 Jun 2026 | 920  | 300e   | 14e    | 20e    |
| S4      | 30 Jun 2026 | 925  | 20e    | <20    | 14e    |
| S5      | 02 Jun 2026 | 824  | >16000 | >12000 | >12000 |
| S5      | 09 Jun 2026 | 842  | >16000 | 9000   | >12000 |
| S5      | 16 Jun 2026 | 801  | >16000 | >12000 | 3600e  |
| S5      | 24 Jun 2026 | 831  | 280e   | 30e    | 58     |
| S5      | 30 Jun 2026 | 827  | 16000  | 420    | 1200e  |
| S6      | 02 Jun 2026 | 848  | >16000 | >12000 | >12000 |
| S6      | 09 Jun 2026 | 916  | 4000   | 400    | 1800e  |
| S6      | 16 Jun 2026 | 832  | >16000 | 6800   | 2000e  |
| S6      | 24 Jun 2026 | 913  | 260e   | 40     | 42     |
| S6      | 30 Jun 2026 | 908  | 200    | 6e     | 30e    |

| Station | Date        | Time | Total | Fecal | Entero |
|---------|-------------|------|-------|-------|--------|
| S8      | 02 Jun 2026 | 810  | 400   | 60e   | 32e    |
| S8      | 09 Jun 2026 | 844  | <20   | <2    | 14e    |
| S8      | 16 Jun 2026 | 907  | 40e   | <2    | 8e     |
| S8      | 24 Jun 2026 | 817  | 760   | 26e   | 40e    |
| S8      | 30 Jun 2026 | 809  | <20   | 2e    | <2     |
| S9      | 02 Jun 2026 | 738  | 40e   | 6e    | 4e     |
| S9      | 09 Jun 2026 | 818  | <20   | 4e    | 6e     |
| S9      | 16 Jun 2026 | 940  | <200  | 40e   | 40     |
| S9      | 24 Jun 2026 | 754  | 20e   | 6e    | 32e    |
| S9      | 30 Jun 2026 | 743  | <20   | 4e    | 10e    |

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      | 02 Jun 2026 | Arrive Time       | 730                                                                                        |
| S0      | 02 Jun 2026 | Wind Speed (kts)  | 1.8                                                                                        |
| S0      | 02 Jun 2026 | Wind Dir          | NE                                                                                         |
| S0      | 02 Jun 2026 | Animal Life       | Bird-20;                                                                                   |
| S0      | 02 Jun 2026 | Floatables        |                                                                                            |
| S0      | 02 Jun 2026 | Current Direction | S                                                                                          |
| S0      | 02 Jun 2026 | Water Temp (C)    | 14                                                                                         |
| S0      | 02 Jun 2026 | High Tide Time    | 1201                                                                                       |
| S0      | 02 Jun 2026 | Low Tide Time     | 533                                                                                        |
| S0      | 02 Jun 2026 | Comments          | Water turbid; Trash-0; Kelp; 1.0 L/s water flowing from storm drain                        |
| S0      | 09 Jun 2026 | Arrive Time       | 805                                                                                        |
| S0      | 09 Jun 2026 | Wind Speed (kts)  | 1.1                                                                                        |
| S0      | 09 Jun 2026 | Wind Dir          | NE                                                                                         |
| S0      | 09 Jun 2026 | Animal Life       |                                                                                            |
| S0      | 09 Jun 2026 | Floatables        |                                                                                            |
| S0      | 09 Jun 2026 | Current Direction | N                                                                                          |
| S0      | 09 Jun 2026 | Water Temp (C)    | 14                                                                                         |
| S0      | 09 Jun 2026 | High Tide Time    | 426                                                                                        |
| S0      | 09 Jun 2026 | Low Tide Time     | 1041                                                                                       |
| S0      | 09 Jun 2026 | Comments          | Water turbid; Trash-0; Kelp; 1 L/s water flowing from storm drain.                         |
| S0      | 16 Jun 2026 | Arrive Time       | 810                                                                                        |
| S0      | 16 Jun 2026 | Wind Speed (kts)  | 3.9                                                                                        |
| S0      | 16 Jun 2026 | Wind Dir          | NE                                                                                         |
| S0      | 16 Jun 2026 | Animal Life       |                                                                                            |
| S0      | 16 Jun 2026 | Floatables        |                                                                                            |
| S0      | 16 Jun 2026 | Current Direction | N                                                                                          |
| S0      | 16 Jun 2026 | Water Temp (C)    | 15                                                                                         |
| S0      | 16 Jun 2026 | High Tide Time    | 1138                                                                                       |
| S0      | 16 Jun 2026 | Low Tide Time     | 514                                                                                        |
| S0      | 16 Jun 2026 | Comments          | Water turbid; Trash-0; Kelp;Algae; 2.0 L/s water flowing from storm drain                  |
| S0      | 24 Jun 2026 | Arrive Time       | 935                                                                                        |
| S0      | 24 Jun 2026 | Wind Speed (kts)  | 1.1                                                                                        |
| S0      | 24 Jun 2026 | Wind Dir          | NE                                                                                         |
| S0      | 24 Jun 2026 | Animal Life       | Bird-10; Dog-2;                                                                            |
| S0      | 24 Jun 2026 | Floatables        |                                                                                            |
| S0      | 24 Jun 2026 | Current Direction | N                                                                                          |
| S0      | 24 Jun 2026 | Water Temp (C)    | 14                                                                                         |
| S0      | 24 Jun 2026 | High Tide Time    | 649                                                                                        |
| S0      | 24 Jun 2026 | Low Tide Time     | 102                                                                                        |
| S0      | 24 Jun 2026 | Comments          | Water clear; Trash-0; Kelp; Person/Walker/Jogger-2; 0.5 L/s water flowing from storm drain |
| S0      | 30 Jun 2026 | Arrive Time       | 740                                                                                        |
| S0      | 30 Jun 2026 | Wind Speed (kts)  | 1.1                                                                                        |
| S0      | 30 Jun 2026 | Wind Dir          | NE                                                                                         |
| S0      | 30 Jun 2026 | Animal Life       | Bird-20; Dog-2;                                                                            |
| S0      | 30 Jun 2026 | Floatables        |                                                                                            |
| S0      | 30 Jun 2026 | Current Direction | N                                                                                          |
| S0      | 30 Jun 2026 | Water Temp (C)    | 14                                                                                         |
| S0      | 30 Jun 2026 | High Tide Time    | 1104                                                                                       |

| Station | Date        | Parameter         | Value                                                                         |
|---------|-------------|-------------------|-------------------------------------------------------------------------------|
| S0      | 30 Jun 2026 | Low Tide Time     | 443                                                                           |
| S0      | 30 Jun 2026 | Comments          | Water turbid; Trash-0; Kelp; 2 L/s water flowing from storm drain             |
| S2      | 02 Jun 2026 | Arrive Time       | 910                                                                           |
| S2      | 02 Jun 2026 | Wind Speed (kts)  | 2.1                                                                           |
| S2      | 02 Jun 2026 | Wind Dir          | NE                                                                            |
| S2      | 02 Jun 2026 | Animal Life       | Bird-20;                                                                      |
| S2      | 02 Jun 2026 | Floatables        |                                                                               |
| S2      | 02 Jun 2026 | Current Direction | S                                                                             |
| S2      | 02 Jun 2026 | Water Temp (C)    | 14                                                                            |
| S2      | 02 Jun 2026 | High Tide Time    | 1201                                                                          |
| S2      | 02 Jun 2026 | Low Tide Time     | 533                                                                           |
| S2      | 02 Jun 2026 | Comments          | Water turbid; Trash-0; Kelp; No flow from storm drain                         |
| S2      | 09 Jun 2026 | Arrive Time       | 925                                                                           |
| S2      | 09 Jun 2026 | Wind Speed (kts)  | 4.3                                                                           |
| S2      | 09 Jun 2026 | Wind Dir          | NE                                                                            |
| S2      | 09 Jun 2026 | Animal Life       | Bird-20; Dog-1;                                                               |
| S2      | 09 Jun 2026 | Floatables        |                                                                               |
| S2      | 09 Jun 2026 | Current Direction | N                                                                             |
| S2      | 09 Jun 2026 | Water Temp (C)    | 14                                                                            |
| S2      | 09 Jun 2026 | High Tide Time    | 426                                                                           |
| S2      | 09 Jun 2026 | Low Tide Time     | 1041                                                                          |
| S2      | 09 Jun 2026 | Comments          | Water turbid; Trash-0; Kelp; No flow from storm drain.                        |
| S2      | 16 Jun 2026 | Arrive Time       | 900                                                                           |
| S2      | 16 Jun 2026 | Wind Speed (kts)  | 2.1                                                                           |
| S2      | 16 Jun 2026 | Wind Dir          | NE                                                                            |
| S2      | 16 Jun 2026 | Animal Life       | Bird-20;                                                                      |
| S2      | 16 Jun 2026 | Floatables        |                                                                               |
| S2      | 16 Jun 2026 | Current Direction | N                                                                             |
| S2      | 16 Jun 2026 | Water Temp (C)    | 15                                                                            |
| S2      | 16 Jun 2026 | High Tide Time    | 1138                                                                          |
| S2      | 16 Jun 2026 | Low Tide Time     | 514                                                                           |
| S2      | 16 Jun 2026 | Comments          | Water turbid; Trash-0; Kelp; No flow from storm drain                         |
| S2      | 24 Jun 2026 | Arrive Time       | 910                                                                           |
| S2      | 24 Jun 2026 | Wind Speed (kts)  | 0.9                                                                           |
| S2      | 24 Jun 2026 | Wind Dir          | NE                                                                            |
| S2      | 24 Jun 2026 | Animal Life       | Bird-10; Dog-1;                                                               |
| S2      | 24 Jun 2026 | Floatables        |                                                                               |
| S2      | 24 Jun 2026 | Current Direction | N                                                                             |
| S2      | 24 Jun 2026 | Water Temp (C)    | 14                                                                            |
| S2      | 24 Jun 2026 | High Tide Time    | 649                                                                           |
| S2      | 24 Jun 2026 | Low Tide Time     | 102                                                                           |
| S2      | 24 Jun 2026 | Comments          | Water clear; Trash-0; Kelp; Person/Walker/Jogger-10; No flow from storm drain |
| S2      | 30 Jun 2026 | Arrive Time       | 705                                                                           |
| S2      | 30 Jun 2026 | Wind Speed (kts)  | 1.6                                                                           |
| S2      | 30 Jun 2026 | Wind Dir          | NE                                                                            |
| S2      | 30 Jun 2026 | Animal Life       | Bird-20; Dog-2;                                                               |
| S2      | 30 Jun 2026 | Floatables        |                                                                               |
| S2      | 30 Jun 2026 | Current Direction | N                                                                             |
| S2      | 30 Jun 2026 | Water Temp (C)    | 15                                                                            |
| S2      | 30 Jun 2026 | High Tide Time    | 1104                                                                          |
| S2      | 30 Jun 2026 | Low Tide Time     | 443                                                                           |
| S2      | 30 Jun 2026 | Comments          | Water turbid; Trash-0; Kelp; No flow from storm drain                         |
| S3      | 02 Jun 2026 | Arrive Time       | 830                                                                           |



| Station | Date        | Parameter         | Value                                                                         |
|---------|-------------|-------------------|-------------------------------------------------------------------------------|
| S3      | 02 Jun 2026 | Wind Speed (kts)  | 1.9                                                                           |
| S3      | 02 Jun 2026 | Wind Dir          | NE                                                                            |
| S3      | 02 Jun 2026 | Animal Life       | Bird-20;                                                                      |
| S3      | 02 Jun 2026 | Floatables        |                                                                               |
| S3      | 02 Jun 2026 | Current Direction | S                                                                             |
| S3      | 02 Jun 2026 | Water Temp (C)    | 14                                                                            |
| S3      | 02 Jun 2026 | High Tide Time    | 1201                                                                          |
| S3      | 02 Jun 2026 | Low Tide Time     | 533                                                                           |
| S3      | 02 Jun 2026 | Comments          | Water turbid; Trash-0; Kelp; No flow from storm drain                         |
| S3      | 09 Jun 2026 | Arrive Time       | 855                                                                           |
| S3      | 09 Jun 2026 | Wind Speed (kts)  | 1.6                                                                           |
| S3      | 09 Jun 2026 | Wind Dir          | NE                                                                            |
| S3      | 09 Jun 2026 | Animal Life       | Dog-2;                                                                        |
| S3      | 09 Jun 2026 | Floatables        |                                                                               |
| S3      | 09 Jun 2026 | Current Direction | N                                                                             |
| S3      | 09 Jun 2026 | Water Temp (C)    | 14                                                                            |
| S3      | 09 Jun 2026 | High Tide Time    | 426                                                                           |
| S3      | 09 Jun 2026 | Low Tide Time     | 1041                                                                          |
| S3      | 09 Jun 2026 | Comments          | Water turbid; Trash-0; Kelp; No flow from storm drain.                        |
| S3      | 16 Jun 2026 | Arrive Time       | 945                                                                           |
| S3      | 16 Jun 2026 | Wind Speed (kts)  | 3.1                                                                           |
| S3      | 16 Jun 2026 | Wind Dir          | NE                                                                            |
| S3      | 16 Jun 2026 | Animal Life       | Bird-20;                                                                      |
| S3      | 16 Jun 2026 | Floatables        |                                                                               |
| S3      | 16 Jun 2026 | Current Direction | N                                                                             |
| S3      | 16 Jun 2026 | Water Temp (C)    | 15                                                                            |
| S3      | 16 Jun 2026 | High Tide Time    | 1138                                                                          |
| S3      | 16 Jun 2026 | Low Tide Time     | 514                                                                           |
| S3      | 16 Jun 2026 | Comments          | Water turbid; Trash-0; Algae; No flow from storm drain                        |
| S3      | 24 Jun 2026 | Arrive Time       | 845                                                                           |
| S3      | 24 Jun 2026 | Wind Speed (kts)  | 1                                                                             |
| S3      | 24 Jun 2026 | Wind Dir          | NE                                                                            |
| S3      | 24 Jun 2026 | Animal Life       | Bird-10; Dog-2;                                                               |
| S3      | 24 Jun 2026 | Floatables        |                                                                               |
| S3      | 24 Jun 2026 | Current Direction | N                                                                             |
| S3      | 24 Jun 2026 | Water Temp (C)    | 14                                                                            |
| S3      | 24 Jun 2026 | High Tide Time    | 649                                                                           |
| S3      | 24 Jun 2026 | Low Tide Time     | 102                                                                           |
| S3      | 24 Jun 2026 | Comments          | Water clear; Trash-0; Kelp; Person/Walker/Jogger-10; No flow from storm drain |
| S3      | 30 Jun 2026 | Arrive Time       | 645                                                                           |
| S3      | 30 Jun 2026 | Wind Speed (kts)  | 1.1                                                                           |
| S3      | 30 Jun 2026 | Wind Dir          | NE                                                                            |
| S3      | 30 Jun 2026 | Animal Life       | Bird-20;                                                                      |
| S3      | 30 Jun 2026 | Floatables        |                                                                               |
| S3      | 30 Jun 2026 | Current Direction | N                                                                             |
| S3      | 30 Jun 2026 | Water Temp (C)    | 15                                                                            |
| S3      | 30 Jun 2026 | High Tide Time    | 1104                                                                          |
| S3      | 30 Jun 2026 | Low Tide Time     | 443                                                                           |
| S3      | 30 Jun 2026 | Comments          | Water turbid; Trash-0; Kelp; No flow from storm drain                         |
| S4      | 02 Jun 2026 | Arrive Time       | 915                                                                           |
| S4      | 02 Jun 2026 | Wind Speed (kts)  | 1.2                                                                           |
| S4      | 02 Jun 2026 | Wind Dir          | W                                                                             |
| S4      | 02 Jun 2026 | Animal Life       | Bird-8;                                                                       |
| S4      | 02 Jun 2026 | Floatables        | Foam                                                                          |
| S4      | 02 Jun 2026 | Current Direction | S                                                                             |

| Station | Date        | Parameter         | Value                                                                         |
|---------|-------------|-------------------|-------------------------------------------------------------------------------|
| S4      | 02 Jun 2026 | Water Temp (C)    | 14.2                                                                          |
| S4      | 02 Jun 2026 | High Tide Time    | 1201                                                                          |
| S4      | 02 Jun 2026 | Low Tide Time     | 533                                                                           |
| S4      | 02 Jun 2026 | Comments          | Water clear; Trash-4; Kelp;Seagrass                                           |
| S4      | 09 Jun 2026 | Arrive Time       | 1029                                                                          |
| S4      | 09 Jun 2026 | Wind Speed (kts)  | 5.1                                                                           |
| S4      | 09 Jun 2026 | Wind Dir          | W                                                                             |
| S4      | 09 Jun 2026 | Animal Life       | Bird-2;                                                                       |
| S4      | 09 Jun 2026 | Floatables        |                                                                               |
| S4      | 09 Jun 2026 | Current Direction | N                                                                             |
| S4      | 09 Jun 2026 | Water Temp (C)    | 16.9                                                                          |
| S4      | 09 Jun 2026 | High Tide Time    | 426                                                                           |
| S4      | 09 Jun 2026 | Low Tide Time     | 1041                                                                          |
| S4      | 09 Jun 2026 | Comments          | Water clear; Trash-5; Kelp;Seagrass;Algae;Debris                              |
| S4      | 16 Jun 2026 | Arrive Time       | 806                                                                           |
| S4      | 16 Jun 2026 | Wind Speed (kts)  | 0.9                                                                           |
| S4      | 16 Jun 2026 | Wind Dir          | NW                                                                            |
| S4      | 16 Jun 2026 | Animal Life       | Seagull-50;                                                                   |
| S4      | 16 Jun 2026 | Floatables        | Foam                                                                          |
| S4      | 16 Jun 2026 | Current Direction | S                                                                             |
| S4      | 16 Jun 2026 | Water Temp (C)    | 13                                                                            |
| S4      | 16 Jun 2026 | High Tide Time    | 1138                                                                          |
| S4      | 16 Jun 2026 | Low Tide Time     | 514                                                                           |
| S4      | 16 Jun 2026 | Comments          | Water clear; Trash-5; Kelp;Seagrass                                           |
| S4      | 24 Jun 2026 | Arrive Time       | 920                                                                           |
| S4      | 24 Jun 2026 | Wind Speed (kts)  | 2.9                                                                           |
| S4      | 24 Jun 2026 | Wind Dir          | S                                                                             |
| S4      | 24 Jun 2026 | Animal Life       | Bird-15;                                                                      |
| S4      | 24 Jun 2026 | Floatables        |                                                                               |
| S4      | 24 Jun 2026 | Current Direction | S                                                                             |
| S4      | 24 Jun 2026 | Water Temp (C)    | 16.3                                                                          |
| S4      | 24 Jun 2026 | High Tide Time    | 649                                                                           |
| S4      | 24 Jun 2026 | Low Tide Time     | 102                                                                           |
| S4      | 24 Jun 2026 | Comments          | Water clear; Trash-4; Kelp;Seagrass                                           |
| S4      | 30 Jun 2026 | Arrive Time       | 925                                                                           |
| S4      | 30 Jun 2026 | Wind Speed (kts)  | 1.2                                                                           |
| S4      | 30 Jun 2026 | Wind Dir          | SW                                                                            |
| S4      | 30 Jun 2026 | Animal Life       | Bird-22;                                                                      |
| S4      | 30 Jun 2026 | Floatables        | Foam                                                                          |
| S4      | 30 Jun 2026 | Current Direction | S                                                                             |
| S4      | 30 Jun 2026 | Water Temp (C)    | 17.4                                                                          |
| S4      | 30 Jun 2026 | High Tide Time    | 1104                                                                          |
| S4      | 30 Jun 2026 | Low Tide Time     | 443                                                                           |
| S4      | 30 Jun 2026 | Comments          | Water clear; Trash-5; Kelp;Seagrass; Person/Walker/Jogger-1                   |
| S10     | 02 Jun 2026 | Arrive Time       | 852                                                                           |
| S10     | 02 Jun 2026 | Wind Speed (kts)  | 3.6                                                                           |
| S10     | 02 Jun 2026 | Wind Dir          | NW                                                                            |
| S10     | 02 Jun 2026 | Animal Life       |                                                                               |
| S10     | 02 Jun 2026 | Floatables        | Foam                                                                          |
| S10     | 02 Jun 2026 | Current Direction | S                                                                             |
| S10     | 02 Jun 2026 | Water Temp (C)    | 14.2                                                                          |
| S10     | 02 Jun 2026 | High Tide Time    | 1201                                                                          |
| S10     | 02 Jun 2026 | Low Tide Time     | 533                                                                           |
| S10     | 02 Jun 2026 | Comments          | Water clear; Trash-3; Kelp;Seagrass; Person/Walker/Jogger-2; Sewage-like odor |

| Station | Date        | Parameter         | Value                                                         |
|---------|-------------|-------------------|---------------------------------------------------------------|
| S10     | 09 Jun 2026 | Arrive Time       | 1001                                                          |
| S10     | 09 Jun 2026 | Wind Speed (kts)  | 6.2                                                           |
| S10     | 09 Jun 2026 | Wind Dir          | SW                                                            |
| S10     | 09 Jun 2026 | Animal Life       |                                                               |
| S10     | 09 Jun 2026 | Floatables        |                                                               |
| S10     | 09 Jun 2026 | Current Direction | N                                                             |
| S10     | 09 Jun 2026 | Water Temp (C)    | 15.4                                                          |
| S10     | 09 Jun 2026 | High Tide Time    | 426                                                           |
| S10     | 09 Jun 2026 | Low Tide Time     | 1041                                                          |
| S10     | 09 Jun 2026 | Comments          | Water clear; Trash-5; Seagrass;Algae;Debris; Sewage-like odor |
| S10     | 16 Jun 2026 | Arrive Time       | 744                                                           |
| S10     | 16 Jun 2026 | Wind Speed (kts)  | 3.5                                                           |
| S10     | 16 Jun 2026 | Wind Dir          | NW                                                            |
| S10     | 16 Jun 2026 | Animal Life       | Bird-1; Pelican-1;                                            |
| S10     | 16 Jun 2026 | Floatables        |                                                               |
| S10     | 16 Jun 2026 | Current Direction | S                                                             |
| S10     | 16 Jun 2026 | Water Temp (C)    | 12.8                                                          |
| S10     | 16 Jun 2026 | High Tide Time    | 1138                                                          |
| S10     | 16 Jun 2026 | Low Tide Time     | 514                                                           |
| S10     | 16 Jun 2026 | Comments          | Water clear; Trash-5; Kelp;Seagrass                           |
| S10     | 24 Jun 2026 | Arrive Time       | 901                                                           |
| S10     | 24 Jun 2026 | Wind Speed (kts)  | 2.2                                                           |
| S10     | 24 Jun 2026 | Wind Dir          | SW                                                            |
| S10     | 24 Jun 2026 | Animal Life       | Bird-1;                                                       |
| S10     | 24 Jun 2026 | Floatables        |                                                               |
| S10     | 24 Jun 2026 | Current Direction | S                                                             |
| S10     | 24 Jun 2026 | Water Temp (C)    | 15.5                                                          |
| S10     | 24 Jun 2026 | High Tide Time    | 649                                                           |
| S10     | 24 Jun 2026 | Low Tide Time     | 102                                                           |
| S10     | 24 Jun 2026 | Comments          | Water clear; Trash-4; Kelp;Seagrass                           |
| S10     | 30 Jun 2026 | Arrive Time       | 903                                                           |
| S10     | 30 Jun 2026 | Wind Speed (kts)  | 2.5                                                           |
| S10     | 30 Jun 2026 | Wind Dir          | SW                                                            |
| S10     | 30 Jun 2026 | Animal Life       | Bird-8;                                                       |
| S10     | 30 Jun 2026 | Floatables        | Foam                                                          |
| S10     | 30 Jun 2026 | Current Direction | S                                                             |
| S10     | 30 Jun 2026 | Water Temp (C)    | 16.7                                                          |
| S10     | 30 Jun 2026 | High Tide Time    | 1104                                                          |
| S10     | 30 Jun 2026 | Low Tide Time     | 443                                                           |
| S10     | 30 Jun 2026 | Comments          | Water clear; Trash-4; Kelp;Seagrass                           |
| S5      | 02 Jun 2026 | Arrive Time       | 824                                                           |
| S5      | 02 Jun 2026 | Wind Speed (kts)  | 0.1                                                           |
| S5      | 02 Jun 2026 | Wind Dir          | NW                                                            |
| S5      | 02 Jun 2026 | Animal Life       |                                                               |
| S5      | 02 Jun 2026 | Floatables        |                                                               |
| S5      | 02 Jun 2026 | Current Direction | S                                                             |
| S5      | 02 Jun 2026 | Water Temp (C)    | 16.8                                                          |
| S5      | 02 Jun 2026 | High Tide Time    | 1201                                                          |
| S5      | 02 Jun 2026 | Low Tide Time     | 533                                                           |
| S5      | 02 Jun 2026 | Comments          | Water clear; Trash-4; Kelp;Seagrass                           |
| S5      | 09 Jun 2026 | Arrive Time       | 842                                                           |
| S5      | 09 Jun 2026 | Wind Speed (kts)  | 3.8                                                           |
| S5      | 09 Jun 2026 | Wind Dir          | SW                                                            |
| S5      | 09 Jun 2026 | Animal Life       | Bird-5; -50;                                                  |

| Station | Date        | Parameter         | Value                                                                                                                                               |
|---------|-------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| S5      | 09 Jun 2026 | Floatables        |                                                                                                                                                     |
| S5      | 09 Jun 2026 | Current Direction | S                                                                                                                                                   |
| S5      | 09 Jun 2026 | Water Temp (C)    | 17.6                                                                                                                                                |
| S5      | 09 Jun 2026 | High Tide Time    | 426                                                                                                                                                 |
| S5      | 09 Jun 2026 | Low Tide Time     | 1041                                                                                                                                                |
| S5      | 09 Jun 2026 | Comments          | Water clear; Trash-3; Kelp;Seagrass; Sewage-like odor                                                                                               |
| S5      | 16 Jun 2026 | Arrive Time       | 801                                                                                                                                                 |
| S5      | 16 Jun 2026 | Wind Speed (kts)  | 2.4                                                                                                                                                 |
| S5      | 16 Jun 2026 | Wind Dir          | SW                                                                                                                                                  |
| S5      | 16 Jun 2026 | Animal Life       | Bird-26;                                                                                                                                            |
| S5      | 16 Jun 2026 | Floatables        | Foam                                                                                                                                                |
| S5      | 16 Jun 2026 | Current Direction | S                                                                                                                                                   |
| S5      | 16 Jun 2026 | Water Temp (C)    | 16.3                                                                                                                                                |
| S5      | 16 Jun 2026 | High Tide Time    | 1138                                                                                                                                                |
| S5      | 16 Jun 2026 | Low Tide Time     | 514                                                                                                                                                 |
| S5      | 16 Jun 2026 | Comments          | Water clear; Trash-4; Kelp;Seagrass; Person/Walker/Jogger-2; Sewage-like odor                                                                       |
| S5      | 24 Jun 2026 | Arrive Time       | 831                                                                                                                                                 |
| S5      | 24 Jun 2026 | Wind Speed (kts)  | 2.6                                                                                                                                                 |
| S5      | 24 Jun 2026 | Wind Dir          | SW                                                                                                                                                  |
| S5      | 24 Jun 2026 | Animal Life       | Pelican-20; Seagull-20;                                                                                                                             |
| S5      | 24 Jun 2026 | Floatables        | Foam                                                                                                                                                |
| S5      | 24 Jun 2026 | Current Direction | S                                                                                                                                                   |
| S5      | 24 Jun 2026 | Water Temp (C)    | 14.9                                                                                                                                                |
| S5      | 24 Jun 2026 | High Tide Time    | 649                                                                                                                                                 |
| S5      | 24 Jun 2026 | Low Tide Time     | 102                                                                                                                                                 |
| S5      | 24 Jun 2026 | Comments          | Water clear; Trash-3; Kelp;Seagrass                                                                                                                 |
| S5      | 30 Jun 2026 | Arrive Time       | 853                                                                                                                                                 |
| S5      | 30 Jun 2026 | Wind Speed (kts)  | 4.2                                                                                                                                                 |
| S5      | 30 Jun 2026 | Wind Dir          | S                                                                                                                                                   |
| S5      | 30 Jun 2026 | Animal Life       | Pelican-50;                                                                                                                                         |
| S5      | 30 Jun 2026 | Floatables        |                                                                                                                                                     |
| S5      | 30 Jun 2026 | Current Direction | S                                                                                                                                                   |
| S5      | 30 Jun 2026 | Water Temp (C)    | 18                                                                                                                                                  |
| S5      | 30 Jun 2026 | High Tide Time    | 1104                                                                                                                                                |
| S5      | 30 Jun 2026 | Low Tide Time     | 443                                                                                                                                                 |
| S5      | 30 Jun 2026 | Comments          | Water clear; Trash-4; Kelp;Seagrass; Sample taken on 0827hrs. Survey app unavailable due to no signal during sampling. HPG 063026; Sewage-like odor |
| S11     | 02 Jun 2026 | Arrive Time       | 835                                                                                                                                                 |
| S11     | 02 Jun 2026 | Wind Speed (kts)  | 1.5                                                                                                                                                 |
| S11     | 02 Jun 2026 | Wind Dir          | W                                                                                                                                                   |
| S11     | 02 Jun 2026 | Animal Life       |                                                                                                                                                     |
| S11     | 02 Jun 2026 | Floatables        | Foam                                                                                                                                                |
| S11     | 02 Jun 2026 | Current Direction | S                                                                                                                                                   |
| S11     | 02 Jun 2026 | Water Temp (C)    | 16                                                                                                                                                  |
| S11     | 02 Jun 2026 | High Tide Time    | 1201                                                                                                                                                |
| S11     | 02 Jun 2026 | Low Tide Time     | 533                                                                                                                                                 |
| S11     | 02 Jun 2026 | Comments          | Water clear; Trash-4; Kelp;Seagrass; Person/Walker/Jogger-1                                                                                         |
| S11     | 09 Jun 2026 | Arrive Time       | 902                                                                                                                                                 |
| S11     | 09 Jun 2026 | Wind Speed (kts)  | 3.2                                                                                                                                                 |
| S11     | 09 Jun 2026 | Wind Dir          | SW                                                                                                                                                  |
| S11     | 09 Jun 2026 | Animal Life       | Bird-5;                                                                                                                                             |
| S11     | 09 Jun 2026 | Floatables        |                                                                                                                                                     |
| S11     | 09 Jun 2026 | Current Direction | S                                                                                                                                                   |

| Station | Date        | Parameter         | Value                                                                         |
|---------|-------------|-------------------|-------------------------------------------------------------------------------|
| S11     | 09 Jun 2026 | Water Temp (C)    | 17.7                                                                          |
| S11     | 09 Jun 2026 | High Tide Time    | 426                                                                           |
| S11     | 09 Jun 2026 | Low Tide Time     | 1041                                                                          |
| S11     | 09 Jun 2026 | Comments          | Water clear; Trash-3; Kelp;Seagrass; Sewage-like odor                         |
| S11     | 16 Jun 2026 | Arrive Time       | 819                                                                           |
| S11     | 16 Jun 2026 | Wind Speed (kts)  | 2.8                                                                           |
| S11     | 16 Jun 2026 | Wind Dir          | SW                                                                            |
| S11     | 16 Jun 2026 | Animal Life       | Bird-6;                                                                       |
| S11     | 16 Jun 2026 | Floatables        | Foam                                                                          |
| S11     | 16 Jun 2026 | Current Direction | S                                                                             |
| S11     | 16 Jun 2026 | Water Temp (C)    | 15.6                                                                          |
| S11     | 16 Jun 2026 | High Tide Time    | 1138                                                                          |
| S11     | 16 Jun 2026 | Low Tide Time     | 514                                                                           |
| S11     | 16 Jun 2026 | Comments          | Water clear; Trash-4; Kelp;Seagrass; Person/Walker/Jogger-3; Sewage-like odor |
| S11     | 24 Jun 2026 | Arrive Time       | 857                                                                           |
| S11     | 24 Jun 2026 | Wind Speed (kts)  | 2.4                                                                           |
| S11     | 24 Jun 2026 | Wind Dir          | SW                                                                            |
| S11     | 24 Jun 2026 | Animal Life       |                                                                               |
| S11     | 24 Jun 2026 | Floatables        | Foam                                                                          |
| S11     | 24 Jun 2026 | Current Direction | S                                                                             |
| S11     | 24 Jun 2026 | Water Temp (C)    | 13                                                                            |
| S11     | 24 Jun 2026 | High Tide Time    | 649                                                                           |
| S11     | 24 Jun 2026 | Low Tide Time     | 102                                                                           |
| S11     | 24 Jun 2026 | Comments          | Water clear; Trash-4; Kelp;Seagrass; Person/Walker/Jogger-1                   |
| S11     | 30 Jun 2026 | Arrive Time       | 850                                                                           |
| S11     | 30 Jun 2026 | Wind Speed (kts)  | 4.2                                                                           |
| S11     | 30 Jun 2026 | Wind Dir          | S                                                                             |
| S11     | 30 Jun 2026 | Animal Life       | Bird-10; Seagull-20;                                                          |
| S11     | 30 Jun 2026 | Floatables        |                                                                               |
| S11     | 30 Jun 2026 | Current Direction | S                                                                             |
| S11     | 30 Jun 2026 | Water Temp (C)    | 17.6                                                                          |
| S11     | 30 Jun 2026 | High Tide Time    | 1104                                                                          |
| S11     | 30 Jun 2026 | Low Tide Time     | 443                                                                           |
| S11     | 30 Jun 2026 | Comments          | Water clear; Trash-3; Kelp;Seagrass                                           |
| S6      | 02 Jun 2026 | Arrive Time       | 848                                                                           |
| S6      | 02 Jun 2026 | Wind Speed (kts)  | 2.7                                                                           |
| S6      | 02 Jun 2026 | Wind Dir          | W                                                                             |
| S6      | 02 Jun 2026 | Animal Life       |                                                                               |
| S6      | 02 Jun 2026 | Floatables        | Foam                                                                          |
| S6      | 02 Jun 2026 | Current Direction | S                                                                             |
| S6      | 02 Jun 2026 | Water Temp (C)    | 16.5                                                                          |
| S6      | 02 Jun 2026 | High Tide Time    | 1201                                                                          |
| S6      | 02 Jun 2026 | Low Tide Time     | 533                                                                           |
| S6      | 02 Jun 2026 | Comments          | Water clear; Trash-4; Kelp;Seagrass;Algae                                     |
| S6      | 09 Jun 2026 | Arrive Time       | 916                                                                           |
| S6      | 09 Jun 2026 | Wind Speed (kts)  | 3.7                                                                           |
| S6      | 09 Jun 2026 | Wind Dir          | S                                                                             |
| S6      | 09 Jun 2026 | Animal Life       | Bird-6; Dog-1;                                                                |
| S6      | 09 Jun 2026 | Floatables        |                                                                               |
| S6      | 09 Jun 2026 | Current Direction | S                                                                             |
| S6      | 09 Jun 2026 | Water Temp (C)    | 17.5                                                                          |
| S6      | 09 Jun 2026 | High Tide Time    | 426                                                                           |
| S6      | 09 Jun 2026 | Low Tide Time     | 1041                                                                          |

| Station | Date        | Parameter         | Value                                                                                                                                           |
|---------|-------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| S6      | 09 Jun 2026 | Comments          | Water clear; Trash-3; Kelp;Seagrass; Person/Walker/Jogger-4; Sewage-like odor                                                                   |
| S6      | 16 Jun 2026 | Arrive Time       | 832                                                                                                                                             |
| S6      | 16 Jun 2026 | Wind Speed (kts)  | 4.9                                                                                                                                             |
| S6      | 16 Jun 2026 | Wind Dir          | SW                                                                                                                                              |
| S6      | 16 Jun 2026 | Animal Life       | Bird-2;                                                                                                                                         |
| S6      | 16 Jun 2026 | Floatables        | Foam                                                                                                                                            |
| S6      | 16 Jun 2026 | Current Direction | S                                                                                                                                               |
| S6      | 16 Jun 2026 | Water Temp (C)    | 14.2                                                                                                                                            |
| S6      | 16 Jun 2026 | High Tide Time    | 1138                                                                                                                                            |
| S6      | 16 Jun 2026 | Low Tide Time     | 514                                                                                                                                             |
| S6      | 16 Jun 2026 | Comments          | Water clear; Trash-3; Seagrass; Sewage-like odor                                                                                                |
| S6      | 24 Jun 2026 | Arrive Time       | 913                                                                                                                                             |
| S6      | 24 Jun 2026 | Wind Speed (kts)  | 2.5                                                                                                                                             |
| S6      | 24 Jun 2026 | Wind Dir          | W                                                                                                                                               |
| S6      | 24 Jun 2026 | Animal Life       |                                                                                                                                                 |
| S6      | 24 Jun 2026 | Floatables        | Foam                                                                                                                                            |
| S6      | 24 Jun 2026 | Current Direction | S                                                                                                                                               |
| S6      | 24 Jun 2026 | Water Temp (C)    | 14.3                                                                                                                                            |
| S6      | 24 Jun 2026 | High Tide Time    | 649                                                                                                                                             |
| S6      | 24 Jun 2026 | Low Tide Time     | 102                                                                                                                                             |
| S6      | 24 Jun 2026 | Comments          | Water clear; Trash-3; Kelp;Seagrass;Algae; Person/Walker/Jogger-3                                                                               |
| S6      | 30 Jun 2026 | Arrive Time       | 930                                                                                                                                             |
| S6      | 30 Jun 2026 | Wind Speed (kts)  | 2.8                                                                                                                                             |
| S6      | 30 Jun 2026 | Wind Dir          | SW                                                                                                                                              |
| S6      | 30 Jun 2026 | Animal Life       | Seagull-25;                                                                                                                                     |
| S6      | 30 Jun 2026 | Floatables        |                                                                                                                                                 |
| S6      | 30 Jun 2026 | Current Direction | S                                                                                                                                               |
| S6      | 30 Jun 2026 | Water Temp (C)    | 18.1                                                                                                                                            |
| S6      | 30 Jun 2026 | High Tide Time    | 1104                                                                                                                                            |
| S6      | 30 Jun 2026 | Low Tide Time     | 443                                                                                                                                             |
| S6      | 30 Jun 2026 | Comments          | Water clear; Trash-3; Kelp;Seagrass; Person/Walker/Jogger-1; Sample taken on 0908hrs. Survey app /signal unavailable during sampling HPG 063026 |
| S12     | 02 Jun 2026 | Arrive Time       | 911                                                                                                                                             |
| S12     | 02 Jun 2026 | Wind Speed (kts)  | 3.5                                                                                                                                             |
| S12     | 02 Jun 2026 | Wind Dir          | W                                                                                                                                               |
| S12     | 02 Jun 2026 | Animal Life       | Dog-1;                                                                                                                                          |
| S12     | 02 Jun 2026 | Floatables        | Foam                                                                                                                                            |
| S12     | 02 Jun 2026 | Current Direction | S                                                                                                                                               |
| S12     | 02 Jun 2026 | Water Temp (C)    | 15.9                                                                                                                                            |
| S12     | 02 Jun 2026 | High Tide Time    | 1201                                                                                                                                            |
| S12     | 02 Jun 2026 | Low Tide Time     | 533                                                                                                                                             |
| S12     | 02 Jun 2026 | Comments          | Water clear; Trash-2; Kelp;Seagrass; Person/Walker/Jogger-5                                                                                     |
| S12     | 09 Jun 2026 | Arrive Time       | 933                                                                                                                                             |
| S12     | 09 Jun 2026 | Wind Speed (kts)  | 4.3                                                                                                                                             |
| S12     | 09 Jun 2026 | Wind Dir          | SW                                                                                                                                              |
| S12     | 09 Jun 2026 | Animal Life       | Dog-3;                                                                                                                                          |
| S12     | 09 Jun 2026 | Floatables        |                                                                                                                                                 |
| S12     | 09 Jun 2026 | Current Direction | S                                                                                                                                               |
| S12     | 09 Jun 2026 | Water Temp (C)    | 18                                                                                                                                              |
| S12     | 09 Jun 2026 | High Tide Time    | 426                                                                                                                                             |
| S12     | 09 Jun 2026 | Low Tide Time     | 1041                                                                                                                                            |

| Station | Date        | Parameter         | Value                                                                                 |
|---------|-------------|-------------------|---------------------------------------------------------------------------------------|
| S12     | 09 Jun 2026 | Comments          | Water clear; Trash-3; Kelp;Seagrass; Person/Walker/Jogger-2                           |
| S12     | 16 Jun 2026 | Arrive Time       | 859                                                                                   |
| S12     | 16 Jun 2026 | Wind Speed (kts)  | 3.1                                                                                   |
| S12     | 16 Jun 2026 | Wind Dir          | SW                                                                                    |
| S12     | 16 Jun 2026 | Animal Life       | Bird-8; Dog-1;                                                                        |
| S12     | 16 Jun 2026 | Floatables        | Foam                                                                                  |
| S12     | 16 Jun 2026 | Current Direction | S                                                                                     |
| S12     | 16 Jun 2026 | Water Temp (C)    | 15.1                                                                                  |
| S12     | 16 Jun 2026 | High Tide Time    | 1138                                                                                  |
| S12     | 16 Jun 2026 | Low Tide Time     | 514                                                                                   |
| S12     | 16 Jun 2026 | Comments          | Water clear; Trash-3; Seagrass;Kelp; Person/Walker/Jogger-1; Sewage-like odor         |
| S12     | 24 Jun 2026 | Arrive Time       | 936                                                                                   |
| S12     | 24 Jun 2026 | Wind Speed (kts)  | 3.5                                                                                   |
| S12     | 24 Jun 2026 | Wind Dir          | W                                                                                     |
| S12     | 24 Jun 2026 | Animal Life       | Dog-1;                                                                                |
| S12     | 24 Jun 2026 | Floatables        | Foam                                                                                  |
| S12     | 24 Jun 2026 | Current Direction | S                                                                                     |
| S12     | 24 Jun 2026 | Water Temp (C)    | 15.2                                                                                  |
| S12     | 24 Jun 2026 | High Tide Time    | 649                                                                                   |
| S12     | 24 Jun 2026 | Low Tide Time     | 102                                                                                   |
| S12     | 24 Jun 2026 | Comments          | Water clear; Surfer/Paddle boarder-2; Trash-3; Kelp;Sea-grass; Person/Walker/Jogger-5 |
| S12     | 30 Jun 2026 | Arrive Time       | 928                                                                                   |
| S12     | 30 Jun 2026 | Wind Speed (kts)  | 2.1                                                                                   |
| S12     | 30 Jun 2026 | Wind Dir          | S                                                                                     |
| S12     | 30 Jun 2026 | Animal Life       | Bird-5; Dog-1;                                                                        |
| S12     | 30 Jun 2026 | Floatables        |                                                                                       |
| S12     | 30 Jun 2026 | Current Direction | S                                                                                     |
| S12     | 30 Jun 2026 | Water Temp (C)    | 18.1                                                                                  |
| S12     | 30 Jun 2026 | High Tide Time    | 1104                                                                                  |
| S12     | 30 Jun 2026 | Low Tide Time     | 443                                                                                   |
| S12     | 30 Jun 2026 | Comments          | Water clear; Trash-2; Kelp;Seagrass; Person/Walker/Jogger-5                           |
| S8      | 02 Jun 2026 | Arrive Time       | 810                                                                                   |
| S8      | 02 Jun 2026 | Wind Speed (kts)  | 5.1                                                                                   |
| S8      | 02 Jun 2026 | Wind Dir          | NW                                                                                    |
| S8      | 02 Jun 2026 | Animal Life       | Bird-6;                                                                               |
| S8      | 02 Jun 2026 | Floatables        | Foam                                                                                  |
| S8      | 02 Jun 2026 | Current Direction | S                                                                                     |
| S8      | 02 Jun 2026 | Water Temp (C)    | 14.6                                                                                  |
| S8      | 02 Jun 2026 | High Tide Time    | 1201                                                                                  |
| S8      | 02 Jun 2026 | Low Tide Time     | 533                                                                                   |
| S8      | 02 Jun 2026 | Comments          | Water clear; Trash-3; Kelp;Seagrass; Sewage-like odor                                 |
| S8      | 09 Jun 2026 | Arrive Time       | 844                                                                                   |
| S8      | 09 Jun 2026 | Wind Speed (kts)  | 1.8                                                                                   |
| S8      | 09 Jun 2026 | Wind Dir          | SW                                                                                    |
| S8      | 09 Jun 2026 | Animal Life       |                                                                                       |
| S8      | 09 Jun 2026 | Floatables        | Foam; Film                                                                            |
| S8      | 09 Jun 2026 | Current Direction | N                                                                                     |
| S8      | 09 Jun 2026 | Water Temp (C)    | 18.7                                                                                  |
| S8      | 09 Jun 2026 | High Tide Time    | 426                                                                                   |
| S8      | 09 Jun 2026 | Low Tide Time     | 1041                                                                                  |
| S8      | 09 Jun 2026 | Comments          | Water turbid; Trash-4; Kelp;Seagrass;Algae;Debris                                     |

| Station | Date        | Parameter         | Value                                                              |
|---------|-------------|-------------------|--------------------------------------------------------------------|
| S8      | 16 Jun 2026 | Arrive Time       | 907                                                                |
| S8      | 16 Jun 2026 | Wind Speed (kts)  | 3                                                                  |
| S8      | 16 Jun 2026 | Wind Dir          | NW                                                                 |
| S8      | 16 Jun 2026 | Animal Life       | Seagull-2;                                                         |
| S8      | 16 Jun 2026 | Floatables        | Foam                                                               |
| S8      | 16 Jun 2026 | Current Direction | S                                                                  |
| S8      | 16 Jun 2026 | Water Temp (C)    | 14.8                                                               |
| S8      | 16 Jun 2026 | High Tide Time    | 1138                                                               |
| S8      | 16 Jun 2026 | Low Tide Time     | 514                                                                |
| S8      | 16 Jun 2026 | Comments          | Water clear; Trash-1; Seagrass; Person/Walker/Jogger-6             |
| S8      | 24 Jun 2026 | Arrive Time       | 817                                                                |
| S8      | 24 Jun 2026 | Wind Speed (kts)  | 3.7                                                                |
| S8      | 24 Jun 2026 | Wind Dir          | SW                                                                 |
| S8      | 24 Jun 2026 | Animal Life       | Bird-2;                                                            |
| S8      | 24 Jun 2026 | Floatables        |                                                                    |
| S8      | 24 Jun 2026 | Current Direction | S                                                                  |
| S8      | 24 Jun 2026 | Water Temp (C)    | 16.8                                                               |
| S8      | 24 Jun 2026 | High Tide Time    | 649                                                                |
| S8      | 24 Jun 2026 | Low Tide Time     | 102                                                                |
| S8      | 24 Jun 2026 | Comments          | Water clear; Trash-3; Kelp;Seagrass; Person/Walker/Jogger-3        |
| S8      | 30 Jun 2026 | Arrive Time       | 809                                                                |
| S8      | 30 Jun 2026 | Wind Speed (kts)  | 4.2                                                                |
| S8      | 30 Jun 2026 | Wind Dir          | SW                                                                 |
| S8      | 30 Jun 2026 | Animal Life       | Bird-3;                                                            |
| S8      | 30 Jun 2026 | Floatables        | Foam                                                               |
| S8      | 30 Jun 2026 | Current Direction | S                                                                  |
| S8      | 30 Jun 2026 | Water Temp (C)    | 16.5                                                               |
| S8      | 30 Jun 2026 | High Tide Time    | 1104                                                               |
| S8      | 30 Jun 2026 | Low Tide Time     | 443                                                                |
| S8      | 30 Jun 2026 | Comments          | Water clear; Trash-2; Kelp;Seagrass; Person/Walker/Jogger-4        |
| S9      | 02 Jun 2026 | Arrive Time       | 738                                                                |
| S9      | 02 Jun 2026 | Wind Speed (kts)  | 4.2                                                                |
| S9      | 02 Jun 2026 | Wind Dir          | NE                                                                 |
| S9      | 02 Jun 2026 | Animal Life       |                                                                    |
| S9      | 02 Jun 2026 | Floatables        | Foam                                                               |
| S9      | 02 Jun 2026 | Current Direction | S                                                                  |
| S9      | 02 Jun 2026 | Water Temp (C)    | 14                                                                 |
| S9      | 02 Jun 2026 | High Tide Time    | 1201                                                               |
| S9      | 02 Jun 2026 | Low Tide Time     | 533                                                                |
| S9      | 02 Jun 2026 | Comments          | Water clear; Trash-2; Kelp;Seagrass; Person/Walker/Jogger-6        |
| S9      | 09 Jun 2026 | Arrive Time       | 818                                                                |
| S9      | 09 Jun 2026 | Wind Speed (kts)  | 1.6                                                                |
| S9      | 09 Jun 2026 | Wind Dir          | S                                                                  |
| S9      | 09 Jun 2026 | Animal Life       | Bird-1;                                                            |
| S9      | 09 Jun 2026 | Floatables        | Foam; Film                                                         |
| S9      | 09 Jun 2026 | Current Direction | N                                                                  |
| S9      | 09 Jun 2026 | Water Temp (C)    | 17.9                                                               |
| S9      | 09 Jun 2026 | High Tide Time    | 426                                                                |
| S9      | 09 Jun 2026 | Low Tide Time     | 1041                                                               |
| S9      | 09 Jun 2026 | Comments          | Water turbid; Trash-4; Kelp;Seagrass;Algae; Person/Walker/Jogger-3 |
| S9      | 16 Jun 2026 | Arrive Time       | 940                                                                |
| S9      | 16 Jun 2026 | Wind Speed (kts)  | 5                                                                  |



| Station | Date        | Parameter         | Value                                                                                                        |
|---------|-------------|-------------------|--------------------------------------------------------------------------------------------------------------|
| S9      | 16 Jun 2026 | Wind Dir          | NW                                                                                                           |
| S9      | 16 Jun 2026 | Animal Life       |                                                                                                              |
| S9      | 16 Jun 2026 | Floatables        | Foam                                                                                                         |
| S9      | 16 Jun 2026 | Current Direction | S                                                                                                            |
| S9      | 16 Jun 2026 | Water Temp (C)    | 14.6                                                                                                         |
| S9      | 16 Jun 2026 | High Tide Time    | 1138                                                                                                         |
| S9      | 16 Jun 2026 | Low Tide Time     | 514                                                                                                          |
| S9      | 16 Jun 2026 | Comments          | Water clear; Trash-1; Seagrass;Kelp; Person/Walker/Jogger-3                                                  |
| S9      | 24 Jun 2026 | Arrive Time       | 754                                                                                                          |
| S9      | 24 Jun 2026 | Wind Speed (kts)  | 3.5                                                                                                          |
| S9      | 24 Jun 2026 | Wind Dir          | SW                                                                                                           |
| S9      | 24 Jun 2026 | Animal Life       | Bird-5;                                                                                                      |
| S9      | 24 Jun 2026 | Floatables        |                                                                                                              |
| S9      | 24 Jun 2026 | Current Direction | S                                                                                                            |
| S9      | 24 Jun 2026 | Water Temp (C)    | 16.5                                                                                                         |
| S9      | 24 Jun 2026 | High Tide Time    | 649                                                                                                          |
| S9      | 24 Jun 2026 | Low Tide Time     | 102                                                                                                          |
| S9      | 24 Jun 2026 | Comments          | Water clear; Surfer/Paddle boarder-1; Trash-2; Kelp;Sea-grass; Person/Walker/Jogger-5                        |
| S9      | 30 Jun 2026 | Arrive Time       | 743                                                                                                          |
| S9      | 30 Jun 2026 | Wind Speed (kts)  | 3                                                                                                            |
| S9      | 30 Jun 2026 | Wind Dir          | SW                                                                                                           |
| S9      | 30 Jun 2026 | Animal Life       | Bird-4;                                                                                                      |
| S9      | 30 Jun 2026 | Floatables        | Foam                                                                                                         |
| S9      | 30 Jun 2026 | Current Direction | S                                                                                                            |
| S9      | 30 Jun 2026 | Water Temp (C)    | 16.4                                                                                                         |
| S9      | 30 Jun 2026 | High Tide Time    | 1104                                                                                                         |
| S9      | 30 Jun 2026 | Low Tide Time     | 443                                                                                                          |
| S9      | 30 Jun 2026 | Comments          | Water clear; Surfer/Paddle boarder-1; Trash-2; Kelp;Sea-grass; Person/Walker/Jogger-16; Yellowish brown foam |

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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 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 Jun 2026 | *5  | *2  | *2  | *2  | *2  | *2  | *2  |
| 02 Jun 2026 | 6   | 2   | 3   | 3   | 11  | 2   | 3   |
| 03 Jun 2026 | *5  | *2  | *3  | *4  | *16 | *2  | *3  |
| 04 Jun 2026 | *5  | *2  | *3  | *4  | *16 | *2  | *3  |
| 05 Jun 2026 | *5  | *2  | *3  | *4  | *16 | *2  | *3  |
| 06 Jun 2026 | *5  | *2  | *3  | *4  | *16 | *2  | *3  |
| 07 Jun 2026 | *5  | *2  | *3  | *4  | *16 | *2  | *3  |
| 08 Jun 2026 | *5  | *2  | *3  | *4  | *16 | *2  | *3  |
| 09 Jun 2026 | 4   | 2   | 3   | 3   | 11  | 2   | 3   |
| 10 Jun 2026 | *5  | *2  | *3  | *4  | *15 | *2  | *3  |
| 11 Jun 2026 | *5  | *2  | *3  | *4  | *15 | *2  | *3  |
| 12 Jun 2026 | *5  | *2  | *3  | *4  | *15 | *2  | *3  |
| 13 Jun 2026 | *5  | *2  | *3  | *4  | *15 | *2  | *3  |
| 14 Jun 2026 | *5  | *2  | *3  | *4  | *15 | *2  | *3  |
| 15 Jun 2026 | *5  | *2  | *3  | *4  | *15 | *2  | *3  |
| 16 Jun 2026 | 4   | 2   | 3   | 3   | 10  | 2   | 3   |
| 17 Jun 2026 | 4   | 2   | 3   | 3   | 10  | 2   | 3   |
| 18 Jun 2026 | *5  | *3  | *3  | *4  | *15 | *2  | *3  |
| 19 Jun 2026 | *5  | *3  | *3  | *4  | *15 | *2  | *3  |
| 20 Jun 2026 | *5  | *3  | *3  | *4  | *15 | *2  | *3  |
| 21 Jun 2026 | *5  | *3  | *3  | *4  | *15 | *2  | *3  |
| 22 Jun 2026 | *5  | *3  | *3  | *4  | *15 | *2  | *3  |
| 23 Jun 2026 | *5  | *3  | *3  | *4  | *15 | *2  | *3  |
| 24 Jun 2026 | 8   | 5   | 6   | 6   | 11  | 3   | 5   |
| 25 Jun 2026 | *7  | *6  | *8  | *8  | *15 | *3  | *6  |
| 26 Jun 2026 | *7  | *6  | *8  | *8  | *15 | *3  | *6  |
| 27 Jun 2026 | *7  | *6  | *8  | *8  | *15 | *3  | *6  |
| 28 Jun 2026 | *7  | *6  | *8  | *8  | *15 | *3  | *6  |
| 29 Jun 2026 | 7   | 5   | 6   | 6   | 10  | 3   | 5   |
| 30 Jun 2026 | 7   | 5   | 6   | 6   | 10  | 3   | 5   |

\* 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 |
|-------------|-----|-----|-----|-----|-----|-----|-----|
| 02 Jun 2026 | IC  | IC  | IC  | IC  | E   | IC  | IC  |
| 09 Jun 2026 | IC  | IC  | IC  | IC  | IC  | IC  | IC  |
| 16 Jun 2026 | IC  | IC  | IC  | IC  | IC  | IC  | IC  |
| 24 Jun 2026 | IC  | IC  | IC  | IC  | IC  | IC  | IC  |
| 29 Jun 2026 | IC  | IC  | IC  | IC  | IC  | IC  | IC  |

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

**Table 3.3**

Summary of compliance with the Ocean Plan's 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 Jun 2026 | 8   | 3   | 3   | 3   | 2   | 3   | 5   |
| 02 Jun 2026 | 8   | 3   | 2   | 4   | 7   | 3   | 5   |
| 03 Jun 2026 | 8   | 3   | 2   | 4   | 7   | 3   | 5   |
| 04 Jun 2026 | 8   | 3   | 2   | 4   | 7   | 3   | 5   |
| 05 Jun 2026 | 8   | 3   | 2   | 4   | 7   | 3   | 5   |
| 06 Jun 2026 | 8   | 3   | 2   | 4   | 7   | 3   | 5   |
| 07 Jun 2026 | 8   | 3   | 2   | 4   | 7   | 3   | 5   |
| 08 Jun 2026 | 8   | 3   | 2   | 4   | 7   | 3   | 5   |
| 09 Jun 2026 | 8   | 3   | 2   | 4   | 8   | 3   | 5   |
| 10 Jun 2026 | 8   | 3   | 2   | 4   | 8   | 3   | 5   |
| 11 Jun 2026 | 8   | 3   | 2   | 4   | 8   | 3   | 5   |
| 12 Jun 2026 | 8   | 3   | 2   | 4   | 8   | 3   | 5   |
| 13 Jun 2026 | 8   | 3   | 2   | 4   | 8   | 3   | 5   |
| 14 Jun 2026 | 8   | 3   | 2   | 4   | 8   | 3   | 5   |
| 15 Jun 2026 | 3   | 3   | 2   | 3   | 11  | 3   | 6   |
| 16 Jun 2026 | 4   | 4   | 2   | 3   | 11  | 4   | 6   |
| 17 Jun 2026 | 4   | 4   | 2   | 3   | 11  | 4   | 6   |
| 18 Jun 2026 | 4   | 4   | 2   | 3   | 11  | 4   | 6   |
| 19 Jun 2026 | 4   | 4   | 2   | 3   | 11  | 4   | 6   |
| 20 Jun 2026 | 4   | 4   | 2   | 3   | 11  | 4   | 6   |
| 21 Jun 2026 | 4   | 4   | 2   | 3   | 11  | 4   | 6   |
| 22 Jun 2026 | 4   | 3   | 2   | 3   | 13  | 4   | 5   |
| 23 Jun 2026 | 4   | 3   | 2   | 3   | 13  | 4   | 5   |
| 24 Jun 2026 | 6   | 5   | 4   | 5   | 16  | 4   | 7   |
| 25 Jun 2026 | 6   | 5   | 4   | 5   | 16  | 4   | 7   |
| 26 Jun 2026 | 6   | 5   | 4   | 5   | 16  | 4   | 7   |
| 27 Jun 2026 | 6   | 5   | 4   | 5   | 16  | 4   | 7   |
| 28 Jun 2026 | 6   | 5   | 4   | 5   | 16  | 4   | 7   |
| 29 Jun 2026 | 8   | 5   | 4   | 4   | 12  | 4   | 7   |
| 30 Jun 2026 | 8   | 5   | 4   | 5   | 16  | 4   | 7   |

\* 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 |
|------|-----|-----|-----|-----|-----|-----|-----|
| June | IC  | IC  | IC  | IC  | E   | IC  | IC  |

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data



**Table 3.5**

Summary of compliance with the Ocean Plan's 30-day 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.

| Date        | I19 |      |     | I24 |     |     | I25 |      |      | I26 |     |      | I32  |      |     | I39 |     |     | I40 |     |     |
|-------------|-----|------|-----|-----|-----|-----|-----|------|------|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|
|             | 2m  | 6m   | 11m | 2m  | 6m  | 11m | 2m  | 6m   | 9m   | 2m  | 6m  | 9m   | 2m   | 6m   | 9m  | 2m  | 12m | 18m | 2m  | 6m  | 9m  |
| 01 Jun 2026 | *34 | *33  | *40 | *12 | *11 | *11 | *2  | *4   | *6   | *2  | *2  | *9   | *2   | *11  | *2  | *2  | *4  | *3  | *26 | *20 | *20 |
| 02 Jun 2026 | 8   | 60   | 40  | 20  | 20  | 20  | 2   | 6    | 6    | 2   | 2   | 10   | 2    | 20   | 2   | 2   | 2   | 2   | 40  | 20  | 20  |
| 03 Jun 2026 | *8  | *63  | *50 | *12 | *11 | *20 | *2  | *11  | *6   | *2  | *11 | *9   | *71  | *31  | *2  | *2  | *2  | *2  | *40 | *20 | *20 |
| 04 Jun 2026 | *8  | *63  | *50 | *12 | *11 | *20 | *2  | *11  | *6   | *2  | *11 | *9   | *71  | *31  | *2  | *2  | *2  | *2  | *40 | *20 | *20 |
| 05 Jun 2026 | *8  | *63  | *50 | *12 | *11 | *20 | *2  | *11  | *6   | *2  | *11 | *9   | *71  | *31  | *2  | *2  | *2  | *2  | *40 | *20 | *20 |
| 06 Jun 2026 | *8  | *63  | *50 | *12 | *11 | *20 | *2  | *11  | *6   | *2  | *11 | *9   | *71  | *31  | *2  | *2  | *2  | *2  | *40 | *20 | *20 |
| 07 Jun 2026 | *8  | *63  | *50 | *12 | *11 | *20 | *2  | *11  | *6   | *2  | *11 | *9   | *71  | *31  | *2  | *2  | *2  | *2  | *40 | *20 | *20 |
| 08 Jun 2026 | *8  | *63  | *50 | *12 | *11 | *20 | *2  | *11  | *6   | *2  | *11 | *9   | *71  | *31  | *2  | *2  | *2  | *2  | *40 | *20 | *20 |
| 09 Jun 2026 | 8   | 6    | 40  | 4   | 2   | 20  | 2   | 20   | 6    | 2   | 2   | 8    | 20   | 20   | 2   | 2   | 2   | 2   | 40  | 20  | 20  |
| 10 Jun 2026 | *9  | *61  | *50 | *11 | *11 | *20 | *2  | *20  | *6   | *2  | *11 | *9   | *80  | *40  | *11 | *2  | *2  | *3  | *40 | *40 | *20 |
| 11 Jun 2026 | *9  | *61  | *50 | *11 | *11 | *20 | *2  | *20  | *6   | *2  | *11 | *9   | *80  | *40  | *11 | *2  | *2  | *3  | *40 | *40 | *20 |
| 12 Jun 2026 | *9  | *61  | *50 | *11 | *11 | *20 | *2  | *20  | *6   | *2  | *11 | *9   | *80  | *40  | *11 | *2  | *2  | *3  | *40 | *40 | *20 |
| 13 Jun 2026 | *9  | *61  | *50 | *11 | *11 | *20 | *2  | *20  | *6   | *2  | *11 | *9   | *80  | *40  | *11 | *2  | *2  | *3  | *40 | *40 | *20 |
| 14 Jun 2026 | *9  | *61  | *50 | *11 | *11 | *20 | *2  | *20  | *6   | *2  | *11 | *9   | *80  | *40  | *11 | *2  | *2  | *3  | *40 | *40 | *20 |
| 15 Jun 2026 | *9  | *61  | *50 | *11 | *11 | *20 | *2  | *20  | *6   | *2  | *11 | *9   | *80  | *40  | *11 | *2  | *2  | *3  | *40 | *40 | *20 |
| 16 Jun 2026 | 10  | 80   | 40  | 20  | 2   | 20  | 2   | 20   | 6    | 2   | 2   | 8    | 80   | 20   | 4   | 2   | 2   | 2   | 40  | 20  | 20  |
| 17 Jun 2026 | 10  | 80   | 40  | 20  | 2   | 20  | 2   | 20   | 6    | 2   | 2   | 8    | 80   | 20   | 4   | 2   | 2   | 2   | 40  | 20  | 20  |
| 18 Jun 2026 | *35 | *100 | *40 | *20 | *11 | *20 | *2  | *20  | *13  | *2  | *11 | *6   | *110 | *40  | *12 | *2  | *2  | *3  | *40 | *40 | *20 |
| 19 Jun 2026 | *35 | *100 | *40 | *20 | *11 | *20 | *2  | *20  | *13  | *2  | *11 | *6   | *110 | *40  | *12 | *2  | *2  | *3  | *40 | *40 | *20 |
| 20 Jun 2026 | *35 | *100 | *40 | *20 | *11 | *20 | *2  | *20  | *13  | *2  | *11 | *6   | *110 | *40  | *12 | *2  | *2  | *3  | *40 | *40 | *20 |
| 21 Jun 2026 | *35 | *100 | *40 | *20 | *11 | *20 | *2  | *20  | *13  | *2  | *11 | *6   | *110 | *40  | *12 | *2  | *2  | *3  | *40 | *40 | *20 |
| 22 Jun 2026 | *35 | *100 | *40 | *20 | *11 | *20 | *2  | *20  | *13  | *2  | *11 | *6   | *110 | *40  | *12 | *2  | *2  | *3  | *40 | *40 | *20 |
| 23 Jun 2026 | *35 | *100 | *40 | *20 | *11 | *20 | *2  | *20  | *13  | *2  | *11 | *6   | *110 | *40  | *12 | *2  | *2  | *3  | *40 | *40 | *20 |
| 24 Jun 2026 | 60  | 120  | 60  | 20  | 20  | 20  | 2   | 20   | 20   | 2   | 20  | 10   | 80   | 60   | 12  | 2   | 2   | 2   | 40  | 60  | 20  |
| 25 Jun 2026 | *35 | *100 | *40 | *20 | *11 | *20 | *2  | *190 | *100 | *4  | *91 | *131 | *63  | *120 | *16 | *2  | *2  | *2  | *22 | *70 | *70 |
| 26 Jun 2026 | *35 | *100 | *40 | *20 | *11 | *20 | *2  | *190 | *100 | *4  | *91 | *131 | *63  | *120 | *16 | *2  | *2  | *2  | *22 | *70 | *70 |
| 27 Jun 2026 | *35 | *100 | *40 | *20 | *11 | *20 | *2  | *190 | *100 | *4  | *91 | *131 | *63  | *120 | *16 | *2  | *2  | *2  | *22 | *70 | *70 |
| 28 Jun 2026 | *35 | *100 | *40 | *20 | *11 | *20 | *2  | *190 | *100 | *4  | *91 | *131 | *63  | *120 | *16 | *2  | *2  | *2  | *22 | *70 | *70 |
| 29 Jun 2026 | 10  | 80   | 60  | 20  | 2   | 20  | 2   | 20   | 20   | 2   | 2   | 2    | 46   | 20   | 12  | 2   | 2   | 2   | 4   | 60  | 20  |
| 30 Jun 2026 | 10  | 80   | 60  | 20  | 2   | 20  | 2   | 20   | 20   | 2   | 2   | 2    | 46   | 20   | 12  | 2   | 2   | 2   | 4   | 60  | 20  |

\* 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 |
| June | IC  | E  | E   | IC  | E  | E   | IC  | E  | E  | IC  | E  | E  | E   | E  | E  | IC  | IC  | IC  | IC  | 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. Comments follow the data summary.

| Station | Date        | Time | Depth | Total | Fecal | Entero |
|---------|-------------|------|-------|-------|-------|--------|
| I19     | 02 Jun 2026 | 1036 | 2     | 8e    | <2    | <2     |
| I19     | 02 Jun 2026 | 1036 | 6     | 120e  | 6e    | 2e     |
| I19     | 02 Jun 2026 | 1036 | 11    | 60e   | 14e   | 2e     |
| I19     | 09 Jun 2026 | 1042 | 2     | 10e   | <2    | <2     |
| I19     | 09 Jun 2026 | 1042 | 6     | <2    | <2    | <2     |
| I19     | 09 Jun 2026 | 1042 | 11    | <20   | <2    | 8e     |
| I19     | 16 Jun 2026 | 1043 | 2     | 220e  | 4e    | 26e    |
| I19     | 16 Jun 2026 | 1043 | 6     | 80e   | 2e    | 2e     |
| I19     | 16 Jun 2026 | 1043 | 11    | 4e    | <2    | 2e     |
| I19     | 24 Jun 2026 | 1043 | 2     | 60e   | 4e    | 2e     |
| I19     | 24 Jun 2026 | 1043 | 6     | 240e  | 20e   | 14e    |
| I19     | 24 Jun 2026 | 1043 | 11    | 580   | 160e  | 86     |
| I19     | 29 Jun 2026 | 1045 | 2     | <2    | <2    | <2     |
| I19     | 29 Jun 2026 | 1045 | 6     | 60    | <2    | 20e    |
| I19     | 29 Jun 2026 | 1045 | 11    | 480   | 16e   | 86     |
| I24     | 02 Jun 2026 | 1057 | 2     | 20e   | 2e    | 4e     |
| I24     | 02 Jun 2026 | 1057 | 6     | 20e   | 4e    | 6e     |
| I24     | 02 Jun 2026 | 1057 | 11    | 20e   | <2    | <2     |
| I24     | 09 Jun 2026 | 1101 | 2     | <2    | <2    | 6e     |
| I24     | 09 Jun 2026 | 1101 | 6     | <2    | <2    | <2     |
| I24     | 09 Jun 2026 | 1101 | 11    | <20   | 4e    | 2e     |
| I24     | 16 Jun 2026 | 1105 | 2     | 40e   | 6e    | 22e    |
| I24     | 16 Jun 2026 | 1105 | 6     | <2    | <2    | <2     |
| I24     | 16 Jun 2026 | 1105 | 11    | <20   | <2    | 4e     |
| I24     | 24 Jun 2026 | 1105 | 2     | <20   | <2    | 6e     |
| I24     | 24 Jun 2026 | 1105 | 6     | 280e  | 52    | 48     |
| I24     | 24 Jun 2026 | 1105 | 11    | 580   | 120e  | 86     |
| I24     | 29 Jun 2026 | 1106 | 2     | <2    | <2    | <2     |
| I24     | 29 Jun 2026 | 1106 | 6     | <2    | <2    | <2     |
| I24     | 29 Jun 2026 | 1106 | 11    | 6e    | <2    | 2e     |
| I25     | 02 Jun 2026 | 1105 | 2     | <2    | <2    | <2     |
| I25     | 02 Jun 2026 | 1105 | 6     | 360e  | 52    | 12e    |
| I25     | 02 Jun 2026 | 1105 | 9     | 180e  | 2e    | 4e     |
| I25     | 09 Jun 2026 | 1113 | 2     | <2    | <2    | <2     |
| I25     | 09 Jun 2026 | 1113 | 6     | 20e   | <2    | 2e     |
| I25     | 09 Jun 2026 | 1113 | 9     | <2    | <2    | <2     |
| I25     | 16 Jun 2026 | 1112 | 2     | <2    | <2    | <2     |
| I25     | 16 Jun 2026 | 1112 | 6     | <2    | <2    | 2e     |
| I25     | 16 Jun 2026 | 1112 | 9     | <20   | <2    | <2     |
| I25     | 24 Jun 2026 | 1112 | 2     | 10e   | <2    | 2e     |
| I25     | 24 Jun 2026 | 1112 | 6     | 640   | 100e  | 66     |

| Station | Date        | Time | Depth | Total  | Fecal | Entero |
|---------|-------------|------|-------|--------|-------|--------|
| I25     | 24 Jun 2026 | 1112 | 9     | 520    | 40e   | 64     |
| I25     | 29 Jun 2026 | 1112 | 2     | <2     | <2    | <2     |
| I25     | 29 Jun 2026 | 1112 | 6     | <2     | <2    | <2     |
| I25     | 29 Jun 2026 | 1112 | 9     | <2     | <2    | <2     |
| I26     | 02 Jun 2026 | 1112 | 2     | 6e     | <2    | <2     |
| I26     | 02 Jun 2026 | 1112 | 6     | 180e   | 24e   | 30e    |
| I26     | 02 Jun 2026 | 1112 | 9     | 260e   | 60    | 14e    |
| I26     | 09 Jun 2026 | 1124 | 2     | <2     | <2    | <2     |
| I26     | 09 Jun 2026 | 1124 | 6     | <2     | <2    | 2e     |
| I26     | 09 Jun 2026 | 1124 | 9     | <2     | <2    | <2     |
| I26     | 16 Jun 2026 | 1123 | 2     | <2     | <2    | <2     |
| I26     | 16 Jun 2026 | 1123 | 6     | 2e     | <2    | <2     |
| I26     | 16 Jun 2026 | 1123 | 9     | <2     | <2    | <2     |
| I26     | 24 Jun 2026 | 1123 | 2     | 20e    | 6e    | 16e    |
| I26     | 24 Jun 2026 | 1123 | 6     | 1100   | 72    | 120e   |
| I26     | 24 Jun 2026 | 1123 | 9     | 720    | 46    | 66     |
| I26     | 29 Jun 2026 | 1121 | 2     | <2     | <2    | <2     |
| I26     | 29 Jun 2026 | 1121 | 6     | <2     | <2    | <2     |
| I26     | 29 Jun 2026 | 1121 | 9     | <2     | <2    | <2     |
| I32     | 02 Jun 2026 | 1127 | 2     | >16000 | 4000  | 4200   |
| I32     | 02 Jun 2026 | 1127 | 6     | 3000e  | 620   | 260e   |
| I32     | 02 Jun 2026 | 1127 | 9     | 12000  | 6800  | 800e   |
| I32     | 09 Jun 2026 | 1136 | 2     | <20    | <2    | 12e    |
| I32     | 09 Jun 2026 | 1136 | 6     | <20    | <2    | 6e     |
| I32     | 09 Jun 2026 | 1136 | 9     | <20    | <2    | 4e     |
| I32     | 16 Jun 2026 | 1136 | 2     | 80e    | 2e    | 12e    |
| I32     | 16 Jun 2026 | 1136 | 6     | 8e     | <2    | 12e    |
| I32     | 16 Jun 2026 | 1136 | 9     | 4e     | <2    | 2e     |
| I32     | 24 Jun 2026 | 1136 | 2     | 46     | 2e    | 32e    |
| I32     | 24 Jun 2026 | 1136 | 6     | 220e   | 6e    | 76     |
| I32     | 24 Jun 2026 | 1136 | 9     | 12e    | <2    | 12e    |
| I32     | 29 Jun 2026 | 1133 | 2     | <2     | <2    | <2     |
| I32     | 29 Jun 2026 | 1133 | 6     | 2e     | <2    | <2     |
| I32     | 29 Jun 2026 | 1133 | 9     | <2     | <2    | <2     |
| I39     | 02 Jun 2026 | 1014 | 2     | <2     | <2    | <2     |
| I39     | 02 Jun 2026 | 1014 | 12    | <2     | <2    | <2     |
| I39     | 02 Jun 2026 | 1014 | 18    | 2e     | <2    | <2     |
| I39     | 09 Jun 2026 | 1020 | 2     | <2     | <2    | <2     |
| I39     | 09 Jun 2026 | 1020 | 12    | <2     | <2    | 2e     |
| I39     | 09 Jun 2026 | 1020 | 18    | 80e    | 10e   | 10e    |
| I39     | 16 Jun 2026 | 1021 | 2     | <2     | <2    | <2     |
| I39     | 16 Jun 2026 | 1021 | 12    | 2e     | <2    | 10e    |
| I39     | 16 Jun 2026 | 1021 | 18    | <2     | <2    | 4e     |
| I39     | 24 Jun 2026 | 1021 | 2     | 20e    | <2    | <2     |
| I39     | 24 Jun 2026 | 1021 | 12    | 40e    | 4e    | 8e     |
| I39     | 24 Jun 2026 | 1021 | 18    | <2     | 4e    | 2e     |

| Station | Date        | Time | Depth | Total | Fecal | Enteroc |
|---------|-------------|------|-------|-------|-------|---------|
| I39     | 29 Jun 2026 | 1025 | 2     | <2    | <2    | <2      |
| I39     | 29 Jun 2026 | 1025 | 12    | <2    | <2    | <2      |
| I39     | 29 Jun 2026 | 1025 | 18    | 6e    | <2    | 2e      |
| I40     | 02 Jun 2026 | 1048 | 2     | 40e   | 4e    | 2e      |
| I40     | 02 Jun 2026 | 1048 | 6     | 80e   | 14e   | 10e     |
| I40     | 02 Jun 2026 | 1048 | 9     | 120e  | 6e    | 4e      |
| I40     | 09 Jun 2026 | 1053 | 2     | 40e   | <2    | 4e      |
| I40     | 09 Jun 2026 | 1053 | 6     | 60e   | 2e    | 6e      |
| I40     | 09 Jun 2026 | 1053 | 9     | 20e   | 2e    | 4e      |
| I40     | 16 Jun 2026 | 1056 | 2     | 4e    | <2    | <2      |
| I40     | 16 Jun 2026 | 1056 | 6     | <20   | <2    | 2e      |
| I40     | 16 Jun 2026 | 1056 | 9     | <20   | <2    | 12e     |
| I40     | 24 Jun 2026 | 1056 | 2     | 2e    | <2    | 2e      |
| I40     | 24 Jun 2026 | 1056 | 6     | 320e  | 30e   | 14e     |
| I40     | 24 Jun 2026 | 1056 | 9     | 520   | 60e   | 82      |
| I40     | 29 Jun 2026 | 1058 | 2     | 2e    | <2    | <2      |
| I40     | 29 Jun 2026 | 1058 | 6     | 6e    | <2    | 4e      |
| I40     | 29 Jun 2026 | 1058 | 9     | 20e   | <2    | 6e      |

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     | 02 Jun 2026 | Arrive Time      | 1036          |
| I19     | 02 Jun 2026 | Depart Time      | 1040          |
| I19     | 02 Jun 2026 | Air Temp (C)     | 19.2          |
| I19     | 02 Jun 2026 | Visibility (mi)  | 9             |
| I19     | 02 Jun 2026 | Wind Speed (kts) | 3.8           |
| I19     | 02 Jun 2026 | Wind Dir         | W             |
| I19     | 02 Jun 2026 | Sea State        | Regular Swell |
| I19     | 02 Jun 2026 | High Tide Time   | 2230          |
| I19     | 02 Jun 2026 | Low Tide Time    | 530           |
| I19     | 02 Jun 2026 | Comments         |               |
| I19     | 09 Jun 2026 | Arrive Time      | 1042          |
| I19     | 09 Jun 2026 | Depart Time      | 1045          |
| I19     | 09 Jun 2026 | Air Temp (C)     | 21.9          |
| I19     | 09 Jun 2026 | Visibility (mi)  | 10            |
| I19     | 09 Jun 2026 | Wind Speed (kts) | 3.3           |
| I19     | 09 Jun 2026 | Wind Dir         | NW            |
| I19     | 09 Jun 2026 | Sea State        | Calm          |
| I19     | 09 Jun 2026 | High Tide Time   | 1718          |
| I19     | 09 Jun 2026 | Low Tide Time    | 1024          |
| I19     | 09 Jun 2026 | Comments         |               |
| I19     | 16 Jun 2026 | Arrive Time      | 1043          |
| I19     | 16 Jun 2026 | Depart Time      | 1048          |
| I19     | 16 Jun 2026 | Air Temp (C)     | 20.5          |
| I19     | 16 Jun 2026 | Visibility (mi)  | 10            |
| I19     | 16 Jun 2026 | Wind Speed (kts) | 3.4           |
| I19     | 16 Jun 2026 | Wind Dir         | N             |
| I19     | 16 Jun 2026 | Sea State        | Regular Swell |
| I19     | 16 Jun 2026 | High Tide Time   | 2236          |
| I19     | 16 Jun 2026 | Low Tide Time    | 506           |
| I19     | 16 Jun 2026 | Comments         |               |
| I19     | 24 Jun 2026 | Arrive Time      | 1057          |
| I19     | 24 Jun 2026 | Depart Time      | 1103          |
| I19     | 24 Jun 2026 | Air Temp (C)     | 20.3          |
| I19     | 24 Jun 2026 | Visibility (mi)  | 10            |
| I19     | 24 Jun 2026 | Wind Speed (kts) | 3.2           |
| I19     | 24 Jun 2026 | Wind Dir         | W             |
| I19     | 24 Jun 2026 | Sea State        | Calm          |
| I19     | 24 Jun 2026 | High Tide Time   | 1818          |
| I19     | 24 Jun 2026 | Low Tide Time    | 54            |
| I19     | 24 Jun 2026 | Comments         |               |
| I19     | 29 Jun 2026 | Arrive Time      | 1045          |
| I19     | 29 Jun 2026 | Depart Time      | 1049          |
| I19     | 29 Jun 2026 | Air Temp (C)     | 20.7          |
| I19     | 29 Jun 2026 | Visibility (mi)  | 10            |
| I19     | 29 Jun 2026 | Wind Speed (kts) | 3.9           |
| I19     | 29 Jun 2026 | Wind Dir         | NW            |
| I19     | 29 Jun 2026 | Sea State        | Regular Swell |
| I19     | 29 Jun 2026 | High Tide Time   | 2112          |
| I19     | 29 Jun 2026 | Low Tide Time    | 406           |
| I19     | 29 Jun 2026 | Comments         |               |
| I40     | 02 Jun 2026 | Arrive Time      | 1048          |

| Station | Date        | Parameter        | Value                                              |
|---------|-------------|------------------|----------------------------------------------------|
| 140     | 02 Jun 2026 | Depart Time      | 1052                                               |
| 140     | 02 Jun 2026 | Air Temp (C)     | 18.9                                               |
| 140     | 02 Jun 2026 | Visibility (mi)  | 9                                                  |
| 140     | 02 Jun 2026 | Wind Speed (kts) | 2.6                                                |
| 140     | 02 Jun 2026 | Wind Dir         | NW                                                 |
| 140     | 02 Jun 2026 | Sea State        | Regular Swell                                      |
| 140     | 02 Jun 2026 | High Tide Time   | 2230                                               |
| 140     | 02 Jun 2026 | Low Tide Time    | 530                                                |
| 140     | 02 Jun 2026 | Comments         |                                                    |
| 140     | 09 Jun 2026 | Arrive Time      | 1053                                               |
| 140     | 09 Jun 2026 | Depart Time      | 1056                                               |
| 140     | 09 Jun 2026 | Air Temp (C)     | 20                                                 |
| 140     | 09 Jun 2026 | Visibility (mi)  | 10                                                 |
| 140     | 09 Jun 2026 | Wind Speed (kts) | 4.2                                                |
| 140     | 09 Jun 2026 | Wind Dir         | NW                                                 |
| 140     | 09 Jun 2026 | Sea State        | Calm                                               |
| 140     | 09 Jun 2026 | High Tide Time   | 1718                                               |
| 140     | 09 Jun 2026 | Low Tide Time    | 1024                                               |
| 140     | 09 Jun 2026 | Comments         | spots of darker brown water 100m from vessel to NE |
| 140     | 16 Jun 2026 | Arrive Time      | 1056                                               |
| 140     | 16 Jun 2026 | Depart Time      | 1101                                               |
| 140     | 16 Jun 2026 | Air Temp (C)     | 19.9                                               |
| 140     | 16 Jun 2026 | Visibility (mi)  | 10                                                 |
| 140     | 16 Jun 2026 | Wind Speed (kts) | 4.9                                                |
| 140     | 16 Jun 2026 | Wind Dir         | NW                                                 |
| 140     | 16 Jun 2026 | Sea State        | Regular Swell                                      |
| 140     | 16 Jun 2026 | High Tide Time   | 2236                                               |
| 140     | 16 Jun 2026 | Low Tide Time    | 506                                                |
| 140     | 16 Jun 2026 | Comments         |                                                    |
| 140     | 24 Jun 2026 | Arrive Time      | 1116                                               |
| 140     | 24 Jun 2026 | Depart Time      | 1116                                               |
| 140     | 24 Jun 2026 | Air Temp (C)     | 20.8                                               |
| 140     | 24 Jun 2026 | Visibility (mi)  | 10                                                 |
| 140     | 24 Jun 2026 | Wind Speed (kts) | 4.4                                                |
| 140     | 24 Jun 2026 | Wind Dir         | SW                                                 |
| 140     | 24 Jun 2026 | Sea State        | Calm                                               |
| 140     | 24 Jun 2026 | High Tide Time   | 1818                                               |
| 140     | 24 Jun 2026 | Low Tide Time    | 54                                                 |
| 140     | 24 Jun 2026 | Comments         |                                                    |
| 140     | 29 Jun 2026 | Arrive Time      | 1058                                               |
| 140     | 29 Jun 2026 | Depart Time      | 1101                                               |
| 140     | 29 Jun 2026 | Air Temp (C)     | 20.1                                               |
| 140     | 29 Jun 2026 | Visibility (mi)  | 10                                                 |
| 140     | 29 Jun 2026 | Wind Speed (kts) | 5.7                                                |
| 140     | 29 Jun 2026 | Wind Dir         | W                                                  |
| 140     | 29 Jun 2026 | Sea State        | Regular Swell                                      |
| 140     | 29 Jun 2026 | High Tide Time   | 2112                                               |
| 140     | 29 Jun 2026 | Low Tide Time    | 406                                                |
| 140     | 29 Jun 2026 | Comments         |                                                    |
| 124     | 02 Jun 2026 | Arrive Time      | 1057                                               |
| 124     | 02 Jun 2026 | Depart Time      | 1100                                               |
| 124     | 02 Jun 2026 | Air Temp (C)     | 19                                                 |
| 124     | 02 Jun 2026 | Visibility (mi)  | 9                                                  |
| 124     | 02 Jun 2026 | Wind Speed (kts) | 3                                                  |
| 124     | 02 Jun 2026 | Wind Dir         | W                                                  |
| 124     | 02 Jun 2026 | Sea State        | Regular Swell                                      |

| Station | Date        | Parameter        | Value                                                                                                                                                |
|---------|-------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| I24     | 02 Jun 2026 | High Tide Time   | 2230                                                                                                                                                 |
| I24     | 02 Jun 2026 | Low Tide Time    | 530                                                                                                                                                  |
| I24     | 02 Jun 2026 | Comments         |                                                                                                                                                      |
| I24     | 09 Jun 2026 | Arrive Time      | 1101                                                                                                                                                 |
| I24     | 09 Jun 2026 | Depart Time      | 1108                                                                                                                                                 |
| I24     | 09 Jun 2026 | Air Temp (C)     | 19.7                                                                                                                                                 |
| I24     | 09 Jun 2026 | Visibility (mi)  | 10                                                                                                                                                   |
| I24     | 09 Jun 2026 | Wind Speed (kts) | 6.3                                                                                                                                                  |
| I24     | 09 Jun 2026 | Wind Dir         | NW                                                                                                                                                   |
| I24     | 09 Jun 2026 | Sea State        | Calm                                                                                                                                                 |
| I24     | 09 Jun 2026 | High Tide Time   | 1718                                                                                                                                                 |
| I24     | 09 Jun 2026 | Low Tide Time    | 1024                                                                                                                                                 |
| I24     | 09 Jun 2026 | Comments         | Didn't get depth; recast for bottle at 11, realized at next station that depth on sheet is wrong and should be taken at 9m, sample taken accordingly |
| I24     | 16 Jun 2026 | Arrive Time      | 1105                                                                                                                                                 |
| I24     | 16 Jun 2026 | Depart Time      | 1109                                                                                                                                                 |
| I24     | 16 Jun 2026 | Air Temp (C)     | 20.2                                                                                                                                                 |
| I24     | 16 Jun 2026 | Visibility (mi)  | 10                                                                                                                                                   |
| I24     | 16 Jun 2026 | Wind Speed (kts) | 4.2                                                                                                                                                  |
| I24     | 16 Jun 2026 | Wind Dir         | NW                                                                                                                                                   |
| I24     | 16 Jun 2026 | Sea State        | Regular Swell                                                                                                                                        |
| I24     | 16 Jun 2026 | High Tide Time   | 2236                                                                                                                                                 |
| I24     | 16 Jun 2026 | Low Tide Time    | 506                                                                                                                                                  |
| I24     | 16 Jun 2026 | Comments         |                                                                                                                                                      |
| I24     | 24 Jun 2026 | Arrive Time      | 1120                                                                                                                                                 |
| I24     | 24 Jun 2026 | Depart Time      | 1126                                                                                                                                                 |
| I24     | 24 Jun 2026 | Air Temp (C)     | 19.7                                                                                                                                                 |
| I24     | 24 Jun 2026 | Visibility (mi)  | 10                                                                                                                                                   |
| I24     | 24 Jun 2026 | Wind Speed (kts) | 6.2                                                                                                                                                  |
| I24     | 24 Jun 2026 | Wind Dir         | W                                                                                                                                                    |
| I24     | 24 Jun 2026 | Sea State        | Calm                                                                                                                                                 |
| I24     | 24 Jun 2026 | High Tide Time   | 1818                                                                                                                                                 |
| I24     | 24 Jun 2026 | Low Tide Time    | 54                                                                                                                                                   |
| I24     | 24 Jun 2026 | Comments         |                                                                                                                                                      |
| I24     | 29 Jun 2026 | Arrive Time      | 1106                                                                                                                                                 |
| I24     | 29 Jun 2026 | Depart Time      | 1109                                                                                                                                                 |
| I24     | 29 Jun 2026 | Air Temp (C)     | 20.3                                                                                                                                                 |
| I24     | 29 Jun 2026 | Visibility (mi)  | 10                                                                                                                                                   |
| I24     | 29 Jun 2026 | Wind Speed (kts) | 4.2                                                                                                                                                  |
| I24     | 29 Jun 2026 | Wind Dir         | W                                                                                                                                                    |
| I24     | 29 Jun 2026 | Sea State        | Regular Swell                                                                                                                                        |
| I24     | 29 Jun 2026 | High Tide Time   | 2112                                                                                                                                                 |
| I24     | 29 Jun 2026 | Low Tide Time    | 406                                                                                                                                                  |
| I24     | 29 Jun 2026 | Comments         |                                                                                                                                                      |
| I25     | 02 Jun 2026 | Arrive Time      | 1105                                                                                                                                                 |
| I25     | 02 Jun 2026 | Depart Time      | 1109                                                                                                                                                 |
| I25     | 02 Jun 2026 | Air Temp (C)     | 18.9                                                                                                                                                 |
| I25     | 02 Jun 2026 | Visibility (mi)  | 9                                                                                                                                                    |
| I25     | 02 Jun 2026 | Wind Speed (kts) | 4.2                                                                                                                                                  |
| I25     | 02 Jun 2026 | Wind Dir         | NW                                                                                                                                                   |
| I25     | 02 Jun 2026 | Sea State        | Regular Swell                                                                                                                                        |
| I25     | 02 Jun 2026 | High Tide Time   | 2230                                                                                                                                                 |
| I25     | 02 Jun 2026 | Low Tide Time    | 530                                                                                                                                                  |
| I25     | 02 Jun 2026 | Comments         |                                                                                                                                                      |



| Station | Date        | Parameter        | Value         |
|---------|-------------|------------------|---------------|
| I25     | 09 Jun 2026 | Arrive Time      | 1113          |
| I25     | 09 Jun 2026 | Depart Time      | 1116          |
| I25     | 09 Jun 2026 | Air Temp (C)     | 20.4          |
| I25     | 09 Jun 2026 | Visibility (mi)  | 10            |
| I25     | 09 Jun 2026 | Wind Speed (kts) | 3.6           |
| I25     | 09 Jun 2026 | Wind Dir         | W             |
| I25     | 09 Jun 2026 | Sea State        | Calm          |
| I25     | 09 Jun 2026 | High Tide Time   | 1718          |
| I25     | 09 Jun 2026 | Low Tide Time    | 1024          |
| I25     | 09 Jun 2026 | Comments         |               |
| I25     | 16 Jun 2026 | Arrive Time      | 1112          |
| I25     | 16 Jun 2026 | Depart Time      | 1117          |
| I25     | 16 Jun 2026 | Air Temp (C)     | 19.1          |
| I25     | 16 Jun 2026 | Visibility (mi)  | 10            |
| I25     | 16 Jun 2026 | Wind Speed (kts) | 7.1           |
| I25     | 16 Jun 2026 | Wind Dir         | NW            |
| I25     | 16 Jun 2026 | Sea State        | Regular Swell |
| I25     | 16 Jun 2026 | High Tide Time   | 2236          |
| I25     | 16 Jun 2026 | Low Tide Time    | 506           |
| I25     | 16 Jun 2026 | Comments         |               |
| I25     | 24 Jun 2026 | Arrive Time      | 1129          |
| I25     | 24 Jun 2026 | Depart Time      | 1133          |
| I25     | 24 Jun 2026 | Air Temp (C)     | 20.2          |
| I25     | 24 Jun 2026 | Visibility (mi)  | 10            |
| I25     | 24 Jun 2026 | Wind Speed (kts) | 4.6           |
| I25     | 24 Jun 2026 | Wind Dir         | W             |
| I25     | 24 Jun 2026 | Sea State        | Calm          |
| I25     | 24 Jun 2026 | High Tide Time   | 1818          |
| I25     | 24 Jun 2026 | Low Tide Time    | 54            |
| I25     | 24 Jun 2026 | Comments         |               |
| I25     | 29 Jun 2026 | Arrive Time      | 1112          |
| I25     | 29 Jun 2026 | Depart Time      | 1117          |
| I25     | 29 Jun 2026 | Air Temp (C)     | 20            |
| I25     | 29 Jun 2026 | Visibility (mi)  | 10            |
| I25     | 29 Jun 2026 | Wind Speed (kts) | 5.3           |
| I25     | 29 Jun 2026 | Wind Dir         | W             |
| I25     | 29 Jun 2026 | Sea State        | Regular Swell |
| I25     | 29 Jun 2026 | High Tide Time   | 2112          |
| I25     | 29 Jun 2026 | Low Tide Time    | 406           |
| I25     | 29 Jun 2026 | Comments         |               |
| I39     | 02 Jun 2026 | Arrive Time      | 1014          |
| I39     | 02 Jun 2026 | Depart Time      | 1018          |
| I39     | 02 Jun 2026 | Air Temp (C)     | 19            |
| I39     | 02 Jun 2026 | Visibility (mi)  | 9             |
| I39     | 02 Jun 2026 | Wind Speed (kts) | 2.3           |
| I39     | 02 Jun 2026 | Wind Dir         | S             |
| I39     | 02 Jun 2026 | Sea State        | Regular Swell |
| I39     | 02 Jun 2026 | High Tide Time   | 2230          |
| I39     | 02 Jun 2026 | Low Tide Time    | 530           |
| I39     | 02 Jun 2026 | Comments         |               |
| I39     | 09 Jun 2026 | Arrive Time      | 1020          |
| I39     | 09 Jun 2026 | Depart Time      | 1023          |
| I39     | 09 Jun 2026 | Air Temp (C)     | 21.6          |
| I39     | 09 Jun 2026 | Visibility (mi)  | 10            |
| I39     | 09 Jun 2026 | Wind Speed (kts) | 3.1           |
| I39     | 09 Jun 2026 | Wind Dir         | NW            |

| Station | Date        | Parameter        | Value         |
|---------|-------------|------------------|---------------|
| 139     | 09 Jun 2026 | Sea State        | Calm          |
| 139     | 09 Jun 2026 | High Tide Time   | 1718          |
| 139     | 09 Jun 2026 | Low Tide Time    | 1024          |
| 139     | 09 Jun 2026 | Comments         |               |
| 139     | 16 Jun 2026 | Arrive Time      | 1021          |
| 139     | 16 Jun 2026 | Depart Time      | 1026          |
| 139     | 16 Jun 2026 | Air Temp (C)     | 21.5          |
| 139     | 16 Jun 2026 | Visibility (mi)  | 10            |
| 139     | 16 Jun 2026 | Wind Speed (kts) | 3.4           |
| 139     | 16 Jun 2026 | Wind Dir         | NW            |
| 139     | 16 Jun 2026 | Sea State        | Regular Swell |
| 139     | 16 Jun 2026 | High Tide Time   | 2236          |
| 139     | 16 Jun 2026 | Low Tide Time    | 506           |
| 139     | 16 Jun 2026 | Comments         |               |
| 139     | 24 Jun 2026 | Arrive Time      | 1034          |
| 139     | 24 Jun 2026 | Depart Time      | 1039          |
| 139     | 24 Jun 2026 | Air Temp (C)     | 20.1          |
| 139     | 24 Jun 2026 | Visibility (mi)  | 10            |
| 139     | 24 Jun 2026 | Wind Speed (kts) | 4.2           |
| 139     | 24 Jun 2026 | Wind Dir         | W             |
| 139     | 24 Jun 2026 | Sea State        | Calm          |
| 139     | 24 Jun 2026 | High Tide Time   | 1818          |
| 139     | 24 Jun 2026 | Low Tide Time    | 54            |
| 139     | 24 Jun 2026 | Comments         |               |
| 139     | 29 Jun 2026 | Arrive Time      | 1025          |
| 139     | 29 Jun 2026 | Depart Time      | 1028          |
| 139     | 29 Jun 2026 | Air Temp (C)     | 20.5          |
| 139     | 29 Jun 2026 | Visibility (mi)  | 10            |
| 139     | 29 Jun 2026 | Wind Speed (kts) | 5.4           |
| 139     | 29 Jun 2026 | Wind Dir         | W             |
| 139     | 29 Jun 2026 | Sea State        | Regular Swell |
| 139     | 29 Jun 2026 | High Tide Time   | 2112          |
| 139     | 29 Jun 2026 | Low Tide Time    | 406           |
| 139     | 29 Jun 2026 | Comments         |               |
| 126     | 02 Jun 2026 | Arrive Time      | 1112          |
| 126     | 02 Jun 2026 | Depart Time      | 1118          |
| 126     | 02 Jun 2026 | Air Temp (C)     | 19.4          |
| 126     | 02 Jun 2026 | Visibility (mi)  | 9             |
| 126     | 02 Jun 2026 | Wind Speed (kts) | 2.9           |
| 126     | 02 Jun 2026 | Wind Dir         | NW            |
| 126     | 02 Jun 2026 | Sea State        | Regular Swell |
| 126     | 02 Jun 2026 | High Tide Time   | 2230          |
| 126     | 02 Jun 2026 | Low Tide Time    | 530           |
| 126     | 02 Jun 2026 | Comments         |               |
| 126     | 09 Jun 2026 | Arrive Time      | 1124          |
| 126     | 09 Jun 2026 | Depart Time      | 1127          |
| 126     | 09 Jun 2026 | Air Temp (C)     | 20.1          |
| 126     | 09 Jun 2026 | Visibility (mi)  | 10            |
| 126     | 09 Jun 2026 | Wind Speed (kts) | 3.9           |
| 126     | 09 Jun 2026 | Wind Dir         | NW            |
| 126     | 09 Jun 2026 | Sea State        | Calm          |
| 126     | 09 Jun 2026 | High Tide Time   | 1718          |
| 126     | 09 Jun 2026 | Low Tide Time    | 1024          |
| 126     | 09 Jun 2026 | Comments         |               |
| 126     | 16 Jun 2026 | Arrive Time      | 1123          |

| Station | Date        | Parameter        | Value                             |
|---------|-------------|------------------|-----------------------------------|
| I26     | 16 Jun 2026 | Depart Time      | 1126                              |
| I26     | 16 Jun 2026 | Air Temp (C)     | 20.4                              |
| I26     | 16 Jun 2026 | Visibility (mi)  | 10                                |
| I26     | 16 Jun 2026 | Wind Speed (kts) | 4                                 |
| I26     | 16 Jun 2026 | Wind Dir         | NW                                |
| I26     | 16 Jun 2026 | Sea State        | Regular Swell                     |
| I26     | 16 Jun 2026 | High Tide Time   | 2236                              |
| I26     | 16 Jun 2026 | Low Tide Time    | 506                               |
| I26     | 16 Jun 2026 | Comments         |                                   |
| I26     | 24 Jun 2026 | Arrive Time      | 1139                              |
| I26     | 24 Jun 2026 | Depart Time      | 1144                              |
| I26     | 24 Jun 2026 | Air Temp (C)     | 20.8                              |
| I26     | 24 Jun 2026 | Visibility (mi)  | 10                                |
| I26     | 24 Jun 2026 | Wind Speed (kts) | 3.6                               |
| I26     | 24 Jun 2026 | Wind Dir         | W                                 |
| I26     | 24 Jun 2026 | Sea State        | Calm                              |
| I26     | 24 Jun 2026 | High Tide Time   | 1818                              |
| I26     | 24 Jun 2026 | Low Tide Time    | 54                                |
| I26     | 24 Jun 2026 | Comments         |                                   |
| I26     | 29 Jun 2026 | Arrive Time      | 1121                              |
| I26     | 29 Jun 2026 | Depart Time      | 1125                              |
| I26     | 29 Jun 2026 | Air Temp (C)     | 20.3                              |
| I26     | 29 Jun 2026 | Visibility (mi)  | 10                                |
| I26     | 29 Jun 2026 | Wind Speed (kts) | 5.3                               |
| I26     | 29 Jun 2026 | Wind Dir         | W                                 |
| I26     | 29 Jun 2026 | Sea State        | Regular Swell                     |
| I26     | 29 Jun 2026 | High Tide Time   | 2112                              |
| I26     | 29 Jun 2026 | Low Tide Time    | 406                               |
| I26     | 29 Jun 2026 | Comments         |                                   |
| I32     | 02 Jun 2026 | Arrive Time      | 1127                              |
| I32     | 02 Jun 2026 | Depart Time      | 1134                              |
| I32     | 02 Jun 2026 | Air Temp (C)     | 18.6                              |
| I32     | 02 Jun 2026 | Visibility (mi)  | 9                                 |
| I32     | 02 Jun 2026 | Wind Speed (kts) | 4.6                               |
| I32     | 02 Jun 2026 | Wind Dir         | W                                 |
| I32     | 02 Jun 2026 | Sea State        | Regular Swell                     |
| I32     | 02 Jun 2026 | High Tide Time   | 2230                              |
| I32     | 02 Jun 2026 | Low Tide Time    | 530                               |
| I32     | 02 Jun 2026 | Comments         | Sewage-like Odor; Freshwater Lens |
| I32     | 09 Jun 2026 | Arrive Time      | 1136                              |
| I32     | 09 Jun 2026 | Depart Time      | 1140                              |
| I32     | 09 Jun 2026 | Air Temp (C)     | 20.7                              |
| I32     | 09 Jun 2026 | Visibility (mi)  | 10                                |
| I32     | 09 Jun 2026 | Wind Speed (kts) | 3.8                               |
| I32     | 09 Jun 2026 | Wind Dir         | W                                 |
| I32     | 09 Jun 2026 | Sea State        | Calm                              |
| I32     | 09 Jun 2026 | High Tide Time   | 1718                              |
| I32     | 09 Jun 2026 | Low Tide Time    | 1024                              |
| I32     | 09 Jun 2026 | Comments         |                                   |
| I32     | 16 Jun 2026 | Arrive Time      | 1136                              |
| I32     | 16 Jun 2026 | Depart Time      | 1143                              |
| I32     | 16 Jun 2026 | Air Temp (C)     | 20.1                              |
| I32     | 16 Jun 2026 | Visibility (mi)  | 10                                |
| I32     | 16 Jun 2026 | Wind Speed (kts) | 4.6                               |
| I32     | 16 Jun 2026 | Wind Dir         | NW                                |
| I32     | 16 Jun 2026 | Sea State        | Regular Swell                     |

| Station | Date        | Parameter        | Value                                           |
|---------|-------------|------------------|-------------------------------------------------|
| I32     | 16 Jun 2026 | High Tide Time   | 2236                                            |
| I32     | 16 Jun 2026 | Low Tide Time    | 506                                             |
| I32     | 16 Jun 2026 | Comments         | 3rd bottle not fired on 1st attempt; redid cast |
| I32     | 24 Jun 2026 | Arrive Time      | 1152                                            |
| I32     | 24 Jun 2026 | Depart Time      | 1158                                            |
| I32     | 24 Jun 2026 | Air Temp (C)     | 20.5                                            |
| I32     | 24 Jun 2026 | Visibility (mi)  | 10                                              |
| I32     | 24 Jun 2026 | Wind Speed (kts) | 4.8                                             |
| I32     | 24 Jun 2026 | Wind Dir         | W                                               |
| I32     | 24 Jun 2026 | Sea State        | Calm                                            |
| I32     | 24 Jun 2026 | High Tide Time   | 1818                                            |
| I32     | 24 Jun 2026 | Low Tide Time    | 54                                              |
| I32     | 24 Jun 2026 | Comments         |                                                 |
| I32     | 29 Jun 2026 | Arrive Time      | 1133                                            |
| I32     | 29 Jun 2026 | Depart Time      | 1136                                            |
| I32     | 29 Jun 2026 | Air Temp (C)     | 20.5                                            |
| I32     | 29 Jun 2026 | Visibility (mi)  | 10                                              |
| I32     | 29 Jun 2026 | Wind Speed (kts) | 5.7                                             |
| I32     | 29 Jun 2026 | Wind Dir         | W                                               |
| I32     | 29 Jun 2026 | Sea State        | Regular Swell                                   |
| I32     | 29 Jun 2026 | High Tide Time   | 2112                                            |
| I32     | 29 Jun 2026 | Low Tide Time    | 406                                             |
| I32     | 29 Jun 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 ( $\sigma$ -t) | Chlor ( $\mu$ g/L) |
|---------|-------------|-----------|-----------|---------|-----------|-----------|-----|---------------------|--------------------|
| I19     | 02 Jun 2026 | 1         | 17.99     | 75.49   | 9.0       | 33.43     | 8.2 | 24.1                | 2.58               |
| I19     | 02 Jun 2026 | 2         | 17.97     | 75.85   | 9.0       | 33.44     | 8.2 | 24.1                | 2.07               |
| I19     | 02 Jun 2026 | 3         | 17.76     | 75.79   | 8.9       | 33.44     | 8.2 | 24.1                | 2.84               |
| I19     | 02 Jun 2026 | 4         | 17.48     | 69.19   | 8.9       | 33.45     | 8.2 | 24.2                | 6.61               |
| I19     | 02 Jun 2026 | 5         | 17.26     | 65.24   | 8.8       | 33.45     | 8.2 | 24.3                | 7.44               |
| I19     | 02 Jun 2026 | 6         | 17.12     | 67.70   | 8.8       | 33.46     | 8.2 | 24.3                | 7.23               |
| I19     | 02 Jun 2026 | 7         | 16.58     | 69.67   | 8.9       | 33.47     | 8.2 | 24.4                | 8.10               |
| I19     | 02 Jun 2026 | 8         | 15.72     | 68.69   | 8.8       | 33.51     | 8.2 | 24.7                | 10.25              |
| I19     | 02 Jun 2026 | 9         | 15.20     | 63.69   | 8.2       | 33.52     | 8.2 | 24.8                | 13.58              |
| I19     | 02 Jun 2026 | 10        | 14.24     | 61.86   | 7.4       | 33.54     | 8.1 | 25.0                | 11.75              |
|         |             |           |           |         |           |           |     |                     |                    |
| I19     | 09 Jun 2026 | 1         | 19.20     | 74.63   | 8.8       | 33.45     | 8.3 | 23.8                | 1.56               |
| I19     | 09 Jun 2026 | 2         | 18.86     | 72.93   | 8.7       | 33.46     | 8.3 | 23.9                | 1.76               |
| I19     | 09 Jun 2026 | 3         | 18.36     | 68.05   | 8.4       | 33.46     | 8.3 | 24.0                | 2.20               |
| I19     | 09 Jun 2026 | 4         | 17.39     | 63.32   | 8.2       | 33.46     | 8.2 | 24.2                | 3.53               |
| I19     | 09 Jun 2026 | 5         | 16.33     | 59.34   | 8.3       | 33.46     | 8.2 | 24.5                | 5.44               |
| I19     | 09 Jun 2026 | 6         | 15.38     | 65.68   | 8.2       | 33.47     | 8.2 | 24.7                | 7.65               |
| I19     | 09 Jun 2026 | 7         | 14.96     | 69.52   | 7.5       | 33.46     | 8.1 | 24.8                | 12.00              |
| I19     | 09 Jun 2026 | 8         | 14.87     | 60.74   | 6.8       | 33.45     | 8.1 | 24.8                | 12.34              |
| I19     | 09 Jun 2026 | 9         | 14.86     | 41.91   | 6.5       | 33.45     | 8.0 | 24.8                | 9.96               |
| I19     | 09 Jun 2026 | 10        | 14.90     | 33.82   | 6.5       | 33.45     | 8.0 | 24.8                | 9.84               |
|         |             |           |           |         |           |           |     |                     |                    |
| I19     | 16 Jun 2026 | 1         | 14.30     | 74.36   | 7.4       | 33.41     | 8.0 | 24.9                | 1.68               |
| I19     | 16 Jun 2026 | 2         | 13.94     | 72.02   | 7.2       | 33.44     | 8.0 | 25.0                | 1.84               |
| I19     | 16 Jun 2026 | 3         | 13.28     | 68.84   | 7.0       | 33.44     | 8.0 | 25.1                | 2.95               |
| I19     | 16 Jun 2026 | 4         | 13.00     | 65.49   | 6.6       | 33.44     | 8.0 | 25.2                | 4.38               |
| I19     | 16 Jun 2026 | 5         | 12.69     | 63.19   | 6.1       | 33.45     | 7.9 | 25.3                | 5.64               |
| I19     | 16 Jun 2026 | 6         | 12.56     | 64.20   | 5.8       | 33.45     | 7.9 | 25.3                | 8.10               |
| I19     | 16 Jun 2026 | 7         | 12.53     | 65.23   | 5.8       | 33.45     | 7.9 | 25.3                | 10.77              |
| I19     | 16 Jun 2026 | 8         | 12.41     | 71.08   | 5.6       | 33.45     | 7.9 | 25.3                | 9.23               |
| I19     | 16 Jun 2026 | 9         | 12.37     | 76.64   | 5.4       | 33.46     | 7.9 | 25.3                | 5.09               |
| I19     | 16 Jun 2026 | 10        | 12.37     | 79.28   | 5.4       | 33.45     | 7.9 | 25.3                | 3.95               |
|         |             |           |           |         |           |           |     |                     |                    |
| I19     | 24 Jun 2026 | 1         | 17.04     | 70.66   | 10.7      | 33.43     | 8.3 | 24.3                | 4.24               |
| I19     | 24 Jun 2026 | 2         | 16.70     | 71.07   | 10.4      | 33.47     | 8.3 | 24.4                | 4.28               |
| I19     | 24 Jun 2026 | 3         | 15.83     | 69.92   | 10.0      | 33.50     | 8.2 | 24.6                | 5.88               |
| I19     | 24 Jun 2026 | 4         | 15.05     | 67.58   | 9.7       | 33.50     | 8.2 | 24.8                | 8.44               |
| I19     | 24 Jun 2026 | 5         | 14.81     | 66.96   | 9.6       | 33.48     | 8.2 | 24.8                | 14.05              |
| I19     | 24 Jun 2026 | 6         | 14.73     | 62.37   | 9.5       | 33.47     | 8.2 | 24.8                | 18.64              |
| I19     | 24 Jun 2026 | 7         | 14.63     | 60.93   | 9.4       | 33.47     | 8.2 | 24.9                | 14.06              |
| I19     | 24 Jun 2026 | 8         | 14.41     | 65.06   | 9.4       | 33.48     | 8.2 | 24.9                | 9.02               |
| I19     | 24 Jun 2026 | 9         | 14.21     | 72.06   | 9.2       | 33.48     | 8.1 | 25.0                | 5.50               |
| I19     | 24 Jun 2026 | 10        | 14.14     | 75.35   | 9.0       | 33.47     | 8.1 | 25.0                | 4.50               |
|         |             |           |           |         |           |           |     |                     |                    |
| I19     | 29 Jun 2026 | 1         | 19.32     | 72.79   | 11.1      | 33.48     | 8.4 | 23.8                | 1.78               |
| I19     | 29 Jun 2026 | 2         | 19.31     | 73.47   | 11.1      | 33.50     | 8.4 | 23.8                | 1.80               |
| I19     | 29 Jun 2026 | 3         | 19.27     | 73.96   | 11.1      | 33.50     | 8.4 | 23.8                | 1.90               |
| I19     | 29 Jun 2026 | 4         | 19.24     | 73.25   | 11.0      | 33.50     | 8.4 | 23.8                | 2.54               |
| I19     | 29 Jun 2026 | 5         | 19.19     | 72.89   | 11.0      | 33.50     | 8.4 | 23.8                | 3.84               |
| I19     | 29 Jun 2026 | 6         | 18.99     | 71.77   | 10.7      | 33.49     | 8.4 | 23.9                | 5.03               |
| I19     | 29 Jun 2026 | 7         | 18.92     | 69.96   | 10.4      | 33.48     | 8.4 | 23.9                | 7.01               |
| I19     | 29 Jun 2026 | 8         | 18.75     | 68.82   | 9.8       | 33.47     | 8.4 | 23.9                | 7.93               |
| I19     | 29 Jun 2026 | 9         | 18.25     | 67.32   | 8.7       | 33.47     | 8.3 | 24.0                | 8.61               |
| I19     | 29 Jun 2026 | 10        | 16.15     | 63.98   | 8.0       | 33.55     | 8.2 | 24.6                | 7.30               |
|         |             |           |           |         |           |           |     |                     |                    |
| I40     | 02 Jun 2026 | 1         | 17.56     | 70.01   | 8.7       | 33.43     | 8.2 | 24.2                | 2.64               |
| I40     | 02 Jun 2026 | 2         | 17.38     | 70.10   | 8.7       | 33.45     | 8.2 | 24.2                | 3.05               |
| I40     | 02 Jun 2026 | 3         | 16.91     | 69.37   | 8.6       | 33.47     | 8.2 | 24.4                | 5.50               |
| I40     | 02 Jun 2026 | 4         | 16.62     | 68.16   | 8.5       | 33.47     | 8.2 | 24.4                | 7.49               |
| I40     | 02 Jun 2026 | 5         | 16.34     | 65.26   | 8.5       | 33.48     | 8.2 | 24.5                | 8.96               |
| I40     | 02 Jun 2026 | 6         | 16.12     | 64.73   | 8.4       | 33.48     | 8.2 | 24.6                | 9.91               |
| I40     | 02 Jun 2026 | 7         | 15.59     | 63.95   | 8.2       | 33.50     | 8.2 | 24.7                | 10.89              |
| I40     | 02 Jun 2026 | 8         | 15.07     | 61.69   | 7.9       | 33.52     | 8.1 | 24.8                | 10.79              |
| I40     | 02 Jun 2026 | 9         | 14.64     | 53.87   | 7.9       | 33.52     | 8.1 | 24.9                | 9.17               |
| I40     | 02 Jun 2026 | 10        | 14.28     | 56.19   | 7.9       | 33.51     | 8.1 | 25.0                | 7.22               |
|         |             |           |           |         |           |           |     |                     |                    |
| I40     | 09 Jun 2026 | 1         | 19.43     | 71.49   | 8.3       | 33.45     | 8.3 | 23.7                | 1.27               |
| I40     | 09 Jun 2026 | 2         | 19.26     | 71.45   | 8.4       | 33.46     | 8.3 | 23.8                | 1.28               |

| Station | Date        | Depth (m) | Temp (°C) | XMS (%) | DO (mg/l) | Sal (ppt) | pH  | Dens (σ-t) | Chlor (µg/L) |
|---------|-------------|-----------|-----------|---------|-----------|-----------|-----|------------|--------------|
| I40     | 09 Jun 2026 | 3         | 18.80     | 70.57   | 8.6       | 33.46     | 8.3 | 23.9       | 1.97         |
| I40     | 09 Jun 2026 | 4         | 18.68     | 67.51   | 8.5       | 33.45     | 8.3 | 23.9       | 3.09         |
| I40     | 09 Jun 2026 | 5         | 18.45     | 63.72   | 8.2       | 33.45     | 8.3 | 24.0       | 4.29         |
| I40     | 09 Jun 2026 | 6         | 18.14     | 55.54   | 8.0       | 33.45     | 8.2 | 24.1       | 5.50         |
| I40     | 09 Jun 2026 | 7         | 17.88     | 45.51   | 7.8       | 33.46     | 8.2 | 24.1       | 5.44         |
| I40     | 09 Jun 2026 | 8         | 16.84     | 47.58   | 7.5       | 33.48     | 8.2 | 24.4       | 5.21         |
| I40     | 09 Jun 2026 | 9         | 15.12     | 50.27   | 7.3       | 33.48     | 8.1 | 24.8       | 4.83         |
| I40     | 09 Jun 2026 | 10        | 15.23     | 42.54   | 7.3       | 33.43     | 8.1 | 24.7       | 3.37         |
| I40     | 16 Jun 2026 | 1         | 15.16     | 79.50   | 7.8       | 33.41     | 8.1 | 24.7       | 0.83         |
| I40     | 16 Jun 2026 | 2         | 14.96     | 80.16   | 7.5       | 33.45     | 8.1 | 24.8       | 0.85         |
| I40     | 16 Jun 2026 | 3         | 13.14     | 79.54   | 7.0       | 33.51     | 8.0 | 25.2       | 1.26         |
| I40     | 16 Jun 2026 | 4         | 12.66     | 80.01   | 6.1       | 33.49     | 8.0 | 25.3       | 1.74         |
| I40     | 16 Jun 2026 | 5         | 12.35     | 82.89   | 5.5       | 33.48     | 7.9 | 25.3       | 1.76         |
| I40     | 16 Jun 2026 | 6         | 12.32     | 80.06   | 5.3       | 33.46     | 7.9 | 25.3       | 1.55         |
| I40     | 16 Jun 2026 | 7         | 12.32     | 70.05   | 5.2       | 33.46     | 7.9 | 25.3       | 1.59         |
| I40     | 16 Jun 2026 | 8         | 12.40     | 63.63   | 5.2       | 33.45     | 7.9 | 25.3       | 1.89         |
| I40     | 16 Jun 2026 | 9         | 12.33     | 58.40   | 5.1       | 33.46     | 7.9 | 25.3       | 1.96         |
| I40     | 16 Jun 2026 | 10        | 12.34     | 56.67   | 5.1       | 33.47     | 7.9 | 25.3       | 2.31         |
| I40     | 24 Jun 2026 | 1         | 18.19     | 78.47   | 10.9      | 33.44     | 8.3 | 24.0       | 2.43         |
| I40     | 24 Jun 2026 | 2         | 18.09     | 78.39   | 10.9      | 33.45     | 8.3 | 24.1       | 2.50         |
| I40     | 24 Jun 2026 | 3         | 17.27     | 77.49   | 11.0      | 33.50     | 8.3 | 24.3       | 3.52         |
| I40     | 24 Jun 2026 | 4         | 16.06     | 72.85   | 10.9      | 33.50     | 8.3 | 24.6       | 7.78         |
| I40     | 24 Jun 2026 | 5         | 15.75     | 65.63   | 10.8      | 33.46     | 8.3 | 24.6       | 15.38        |
| I40     | 24 Jun 2026 | 6         | 15.57     | 57.49   | 10.6      | 33.45     | 8.3 | 24.7       | 45.85        |
| I40     | 24 Jun 2026 | 7         | 15.06     | 37.37   | 10.3      | 33.47     | 8.3 | 24.8       | 65.08        |
| I40     | 24 Jun 2026 | 8         | 14.91     | 34.32   | 9.8       | 33.45     | 8.2 | 24.8       | 31.25        |
| I40     | 24 Jun 2026 | 9         | 14.53     | 51.90   | 9.3       | 33.48     | 8.2 | 24.9       | 16.46        |
| I40     | 24 Jun 2026 | 10        | 13.83     | 63.24   | 9.3       | 33.49     | 8.2 | 25.1       | 9.20         |
| I40     | 29 Jun 2026 | 1         | 19.19     | 74.13   | 10.8      | 33.49     | 8.4 | 23.8       | 1.86         |
| I40     | 29 Jun 2026 | 2         | 19.21     | 74.06   | 10.8      | 33.49     | 8.4 | 23.8       | 1.80         |
| I40     | 29 Jun 2026 | 3         | 19.20     | 74.55   | 10.8      | 33.49     | 8.4 | 23.8       | 1.69         |
| I40     | 29 Jun 2026 | 4         | 19.04     | 74.40   | 10.4      | 33.50     | 8.4 | 23.9       | 2.30         |
| I40     | 29 Jun 2026 | 5         | 18.98     | 72.69   | 10.1      | 33.49     | 8.4 | 23.9       | 4.47         |
| I40     | 29 Jun 2026 | 6         | 18.87     | 70.36   | 9.5       | 33.50     | 8.4 | 23.9       | 5.88         |
| I40     | 29 Jun 2026 | 7         | 18.08     | 63.76   | 8.4       | 33.55     | 8.3 | 24.1       | 7.03         |
| I40     | 29 Jun 2026 | 8         | 16.80     | 63.36   | 8.3       | 33.54     | 8.2 | 24.4       | 9.13         |
| I40     | 29 Jun 2026 | 9         | 16.18     | 69.60   | 7.8       | 33.50     | 8.1 | 24.6       | 6.93         |
| I40     | 29 Jun 2026 | 10        | 15.34     | 70.55   | 7.3       | 33.52     | 8.0 | 24.8       | 3.67         |
| I24     | 02 Jun 2026 | 1         | 17.92     | 77.88   | 8.8       | 33.44     | 8.2 | 24.1       | 1.50         |
| I24     | 02 Jun 2026 | 2         | 17.88     | 77.79   | 8.7       | 33.44     | 8.2 | 24.1       | 2.05         |
| I24     | 02 Jun 2026 | 3         | 17.52     | 73.23   | 8.7       | 33.47     | 8.2 | 24.2       | 3.66         |
| I24     | 02 Jun 2026 | 4         | 17.03     | 71.56   | 8.6       | 33.51     | 8.2 | 24.4       | 6.37         |
| I24     | 02 Jun 2026 | 5         | 15.68     | 69.91   | 8.9       | 33.55     | 8.2 | 24.7       | 7.67         |
| I24     | 02 Jun 2026 | 6         | 15.45     | 68.32   | 9.2       | 33.50     | 8.2 | 24.7       | 9.90         |
| I24     | 02 Jun 2026 | 7         | 14.72     | 68.34   | 9.6       | 33.55     | 8.2 | 24.9       | 10.36        |
| I24     | 02 Jun 2026 | 8         | 14.17     | 68.58   | 9.5       | 33.54     | 8.2 | 25.0       | 13.08        |
| I24     | 02 Jun 2026 | 9         | 13.91     | 66.94   | 8.5       | 33.54     | 8.2 | 25.1       | 13.31        |
| I24     | 02 Jun 2026 | 10        | 13.67     | 65.79   | 7.0       | 33.55     | 8.0 | 25.1       | 6.77         |
| I24     | 02 Jun 2026 | 11        | 13.52     | 65.38   | 6.4       | 33.55     | 8.0 | 25.2       | 3.67         |
| I24     | 09 Jun 2026 | 1         | 19.82     | 79.69   | 9.5       | 33.47     | 8.4 | 23.6       | 1.37         |
| I24     | 09 Jun 2026 | 2         | 19.47     | 79.36   | 9.1       | 33.48     | 8.3 | 23.7       | 1.38         |
| I24     | 09 Jun 2026 | 3         | 19.02     | 76.07   | 8.9       | 33.48     | 8.3 | 23.9       | 1.91         |
| I24     | 09 Jun 2026 | 4         | 19.00     | 73.71   | 8.9       | 33.46     | 8.3 | 23.8       | 3.27         |
| I24     | 09 Jun 2026 | 5         | 18.46     | 72.18   | 8.8       | 33.49     | 8.3 | 24.0       | 4.78         |
| I24     | 09 Jun 2026 | 6         | 18.16     | 71.18   | 8.5       | 33.47     | 8.2 | 24.1       | 5.69         |
| I24     | 09 Jun 2026 | 7         | 17.86     | 65.64   | 8.2       | 33.47     | 8.2 | 24.1       | 4.87         |
| I24     | 09 Jun 2026 | 8         | 17.36     | 57.67   | 8.2       | 33.48     | 8.2 | 24.3       | 3.72         |
| I24     | 09 Jun 2026 | 9         | 15.96     | 57.13   | 8.1       | 33.56     | 8.2 | 24.6       | 2.24         |
| I24     | 09 Jun 2026 | 10        | 14.78     | 65.38   | 7.4       | 33.51     | 8.1 | 24.9       | 1.37         |
| I24     | 09 Jun 2026 | 11        | 14.75     | 67.34   | 7.2       | 33.47     | 8.1 | 24.8       | 1.57         |
| I24     | 16 Jun 2026 | 1         | 15.38     | 76.20   | 7.4       | 33.34     | 8.0 | 24.6       | 0.83         |
| I24     | 16 Jun 2026 | 2         | 15.30     | 76.97   | 7.3       | 33.38     | 8.0 | 24.7       | 0.84         |
| I24     | 16 Jun 2026 | 3         | 13.95     | 77.11   | 7.1       | 33.54     | 8.0 | 25.1       | 0.99         |
| I24     | 16 Jun 2026 | 4         | 13.28     | 78.88   | 6.7       | 33.47     | 8.0 | 25.2       | 0.92         |
| I24     | 16 Jun 2026 | 5         | 13.17     | 83.42   | 6.4       | 33.45     | 8.0 | 25.2       | 0.92         |
| I24     | 16 Jun 2026 | 6         | 12.78     | 84.17   | 6.0       | 33.48     | 7.9 | 25.3       | 1.08         |
| I24     | 16 Jun 2026 | 7         | 12.49     | 84.40   | 5.5       | 33.49     | 7.9 | 25.3       | 1.09         |
| I24     | 16 Jun 2026 | 8         | 12.42     | 83.67   | 5.3       | 33.48     | 7.9 | 25.3       | 0.92         |

| Station | Date        | Depth (m) | Temp (°C) | XMS (%) | DO (mg/l) | Sal (ppt) | pH  | Dens (σ-t) | Chlor (µg/L) |
|---------|-------------|-----------|-----------|---------|-----------|-----------|-----|------------|--------------|
| I24     | 16 Jun 2026 | 9         | 12.42     | 66.74   | 5.1       | 33.47     | 7.9 | 25.3       | 1.51         |
| I24     | 16 Jun 2026 | 10        | 12.43     | 52.29   | 5.1       | 33.47     | 7.9 | 25.3       | 2.04         |
| I24     | 24 Jun 2026 | 1         | 17.95     | 79.21   | 10.7      | 33.44     | 8.3 | 24.1       | 2.51         |
| I24     | 24 Jun 2026 | 2         | 17.93     | 75.71   | 10.6      | 33.46     | 8.3 | 24.1       | 2.36         |
| I24     | 24 Jun 2026 | 3         | 17.10     | 77.90   | 11.2      | 33.48     | 8.3 | 24.3       | 3.24         |
| I24     | 24 Jun 2026 | 4         | 15.38     | 74.34   | 11.4      | 33.51     | 8.3 | 24.7       | 10.43        |
| I24     | 24 Jun 2026 | 5         | 14.79     | 60.18   | 10.7      | 33.47     | 8.2 | 24.8       | 20.97        |
| I24     | 24 Jun 2026 | 6         | 14.74     | 58.33   | 10.1      | 33.45     | 8.2 | 24.8       | 16.73        |
| I24     | 24 Jun 2026 | 7         | 14.30     | 63.53   | 9.7       | 33.47     | 8.2 | 24.9       | 13.93        |
| I24     | 24 Jun 2026 | 8         | 14.15     | 67.22   | 9.4       | 33.47     | 8.2 | 25.0       | 10.27        |
| I24     | 24 Jun 2026 | 9         | 13.84     | 70.01   | 9.0       | 33.49     | 8.1 | 25.1       | 8.12         |
| I24     | 24 Jun 2026 | 10        | 13.72     | 71.13   | 8.7       | 33.48     | 8.1 | 25.1       | 6.56         |
| I24     | 29 Jun 2026 | 1         | 19.16     | 78.39   | 11.4      | 33.48     | 8.4 | 23.8       | 1.28         |
| I24     | 29 Jun 2026 | 2         | 19.15     | 78.48   | 11.3      | 33.48     | 8.4 | 23.8       | 1.24         |
| I24     | 29 Jun 2026 | 3         | 19.10     | 78.53   | 11.4      | 33.49     | 8.4 | 23.8       | 1.27         |
| I24     | 29 Jun 2026 | 4         | 19.03     | 78.87   | 11.3      | 33.49     | 8.4 | 23.9       | 1.57         |
| I24     | 29 Jun 2026 | 5         | 18.95     | 78.84   | 11.4      | 33.49     | 8.4 | 23.9       | 2.17         |
| I24     | 29 Jun 2026 | 6         | 18.87     | 78.21   | 11.5      | 33.49     | 8.4 | 23.9       | 3.00         |
| I24     | 29 Jun 2026 | 7         | 18.70     | 73.82   | 11.5      | 33.49     | 8.4 | 23.9       | 5.02         |
| I24     | 29 Jun 2026 | 8         | 18.35     | 75.10   | 11.3      | 33.50     | 8.4 | 24.0       | 5.50         |
| I24     | 29 Jun 2026 | 9         | 16.12     | 73.60   | 9.9       | 33.59     | 8.3 | 24.6       | 6.76         |
| I24     | 29 Jun 2026 | 10        | 15.66     | 68.60   | 8.4       | 33.49     | 8.1 | 24.7       | 6.07         |
| I25     | 02 Jun 2026 | 1         | 18.03     | 85.82   | 8.8       | 33.44     | 8.2 | 24.1       | 0.74         |
| I25     | 02 Jun 2026 | 2         | 17.79     | 85.69   | 8.8       | 33.46     | 8.2 | 24.1       | 0.78         |
| I25     | 02 Jun 2026 | 3         | 17.56     | 84.15   | 8.8       | 33.44     | 8.2 | 24.2       | 1.37         |
| I25     | 02 Jun 2026 | 4         | 17.46     | 79.84   | 8.7       | 33.44     | 8.2 | 24.2       | 2.68         |
| I25     | 02 Jun 2026 | 5         | 17.35     | 73.86   | 8.5       | 33.44     | 8.2 | 24.2       | 5.81         |
| I25     | 02 Jun 2026 | 6         | 17.18     | 68.44   | 8.5       | 33.45     | 8.2 | 24.3       | 7.56         |
| I25     | 02 Jun 2026 | 7         | 16.46     | 67.46   | 8.6       | 33.51     | 8.2 | 24.5       | 7.83         |
| I25     | 02 Jun 2026 | 8         | 15.47     | 67.06   | 8.9       | 33.51     | 8.2 | 24.7       | 10.98        |
| I25     | 02 Jun 2026 | 9         | 14.50     | 67.52   | 8.2       | 33.55     | 8.1 | 25.0       | 9.82         |
| I25     | 09 Jun 2026 | 1         | 19.49     | 82.23   | 9.9       | 33.48     | 8.4 | 23.7       | 1.25         |
| I25     | 09 Jun 2026 | 2         | 19.43     | 81.47   | 9.9       | 33.47     | 8.3 | 23.7       | 1.32         |
| I25     | 09 Jun 2026 | 3         | 19.06     | 77.30   | 9.8       | 33.47     | 8.3 | 23.8       | 2.24         |
| I25     | 09 Jun 2026 | 4         | 18.86     | 74.25   | 9.5       | 33.47     | 8.3 | 23.9       | 4.42         |
| I25     | 09 Jun 2026 | 5         | 18.01     | 70.54   | 9.0       | 33.53     | 8.3 | 24.1       | 7.00         |
| I25     | 09 Jun 2026 | 6         | 16.42     | 66.71   | 8.6       | 33.54     | 8.2 | 24.5       | 4.41         |
| I25     | 09 Jun 2026 | 7         | 15.72     | 65.45   | 8.3       | 33.49     | 8.2 | 24.6       | 5.82         |
| I25     | 09 Jun 2026 | 8         | 15.68     | 66.06   | 8.1       | 33.46     | 8.2 | 24.6       | 2.96         |
| I25     | 09 Jun 2026 | 9         | 15.74     | 66.64   | 8.1       | 33.45     | 8.2 | 24.6       | 2.79         |
| I25     | 16 Jun 2026 | 1         | 16.40     | 72.48   | 7.9       | 33.37     | 8.1 | 24.4       | 1.01         |
| I25     | 16 Jun 2026 | 2         | 16.20     | 55.90   | 7.9       | 33.44     | 8.1 | 24.5       | 1.01         |
| I25     | 16 Jun 2026 | 3         | 16.01     | 78.01   | 7.8       | 33.44     | 8.1 | 24.5       | 1.14         |
| I25     | 16 Jun 2026 | 4         | 15.86     | 82.60   | 7.7       | 33.44     | 8.1 | 24.6       | 1.32         |
| I25     | 16 Jun 2026 | 5         | 15.57     | 82.67   | 7.5       | 33.45     | 8.1 | 24.6       | 1.45         |
| I25     | 16 Jun 2026 | 6         | 14.63     | 82.46   | 7.1       | 33.49     | 8.1 | 24.9       | 1.51         |
| I25     | 16 Jun 2026 | 7         | 13.97     | 78.96   | 6.6       | 33.49     | 8.0 | 25.0       | 1.42         |
| I25     | 16 Jun 2026 | 8         | 12.70     | 72.75   | 5.8       | 33.50     | 7.9 | 25.3       | 1.47         |
| I25     | 16 Jun 2026 | 9         | 12.64     | 68.19   | 5.5       | 33.49     | 7.9 | 25.3       | 1.68         |
| I25     | 24 Jun 2026 | 1         | 18.01     | 76.20   | 10.6      | 33.45     | 8.3 | 24.1       | 2.43         |
| I25     | 24 Jun 2026 | 2         | 17.72     | 75.51   | 10.6      | 33.47     | 8.3 | 24.2       | 2.67         |
| I25     | 24 Jun 2026 | 3         | 17.43     | 75.06   | 10.8      | 33.45     | 8.3 | 24.2       | 3.42         |
| I25     | 24 Jun 2026 | 4         | 16.95     | 73.92   | 11.4      | 33.49     | 8.3 | 24.4       | 5.49         |
| I25     | 24 Jun 2026 | 5         | 16.05     | 73.49   | 11.4      | 33.52     | 8.3 | 24.6       | 11.81        |
| I25     | 24 Jun 2026 | 6         | 15.00     | 65.67   | 10.7      | 33.50     | 8.3 | 24.8       | 23.04        |
| I25     | 24 Jun 2026 | 7         | 14.26     | 60.71   | 9.8       | 33.52     | 8.2 | 25.0       | 14.96        |
| I25     | 24 Jun 2026 | 8         | 13.79     | 64.45   | 9.1       | 33.50     | 8.1 | 25.1       | 6.55         |
| I25     | 24 Jun 2026 | 9         | 13.75     | 71.19   | 8.9       | 33.49     | 8.1 | 25.1       | 4.12         |
| I25     | 29 Jun 2026 | 1         | 19.22     | 77.43   | 11.5      | 33.49     | 8.5 | 23.8       | 1.36         |
| I25     | 29 Jun 2026 | 2         | 19.18     | 77.70   | 11.5      | 33.49     | 8.5 | 23.8       | 1.35         |
| I25     | 29 Jun 2026 | 3         | 19.09     | 77.46   | 11.5      | 33.49     | 8.5 | 23.8       | 1.53         |
| I25     | 29 Jun 2026 | 4         | 19.05     | 76.96   | 11.6      | 33.49     | 8.5 | 23.9       | 2.09         |
| I25     | 29 Jun 2026 | 5         | 19.03     | 76.99   | 11.4      | 33.49     | 8.4 | 23.9       | 2.48         |
| I25     | 29 Jun 2026 | 6         | 18.85     | 77.52   | 11.4      | 33.49     | 8.4 | 23.9       | 3.07         |
| I25     | 29 Jun 2026 | 7         | 18.74     | 76.48   | 11.5      | 33.49     | 8.4 | 23.9       | 4.58         |
| I25     | 29 Jun 2026 | 8         | 17.92     | 73.89   | 11.5      | 33.52     | 8.4 | 24.2       | 6.22         |
| I25     | 29 Jun 2026 | 9         | 16.37     | 72.81   | 11.2      | 33.55     | 8.3 | 24.5       | 7.14         |

| Station | Date        | Depth (m) | Temp (°C) | XMS (%) | DO (mg/l) | Sal (ppt) | pH  | Dens (σ-t) | Chlor (µg/L) |
|---------|-------------|-----------|-----------|---------|-----------|-----------|-----|------------|--------------|
| I39     | 02 Jun 2026 | 1         | 17.25     | 89.39   | 8.9       | 33.44     | 8.2 | 24.3       | 1.24         |
| I39     | 02 Jun 2026 | 2         | 17.26     | 89.24   | 8.8       | 33.45     | 8.2 | 24.3       | 1.21         |
| I39     | 02 Jun 2026 | 3         | 16.38     | 88.95   | 9.2       | 33.52     | 8.2 | 24.5       | 1.45         |
| I39     | 02 Jun 2026 | 4         | 15.24     | 88.41   | 10.1      | 33.52     | 8.3 | 24.8       | 2.58         |
| I39     | 02 Jun 2026 | 5         | 14.88     | 86.63   | 10.5      | 33.48     | 8.3 | 24.8       | 4.94         |
| I39     | 02 Jun 2026 | 6         | 14.48     | 82.47   | 10.0      | 33.50     | 8.3 | 24.9       | 7.53         |
| I39     | 02 Jun 2026 | 7         | 13.96     | 77.32   | 8.8       | 33.55     | 8.2 | 25.1       | 11.08        |
| I39     | 02 Jun 2026 | 8         | 13.39     | 72.30   | 7.2       | 33.58     | 8.1 | 25.2       | 13.64        |
| I39     | 02 Jun 2026 | 9         | 13.11     | 69.64   | 6.1       | 33.55     | 8.0 | 25.2       | 7.13         |
| I39     | 02 Jun 2026 | 10        | 12.97     | 77.00   | 5.7       | 33.54     | 7.9 | 25.3       | 4.07         |
| I39     | 02 Jun 2026 | 11        | 12.87     | 82.70   | 5.5       | 33.55     | 7.9 | 25.3       | 3.45         |
| I39     | 02 Jun 2026 | 12        | 12.83     | 82.84   | 5.3       | 33.54     | 7.9 | 25.3       | 3.14         |
| I39     | 02 Jun 2026 | 13        | 12.74     | 85.10   | 5.2       | 33.54     | 7.9 | 25.3       | 2.97         |
| I39     | 02 Jun 2026 | 14        | 12.69     | 86.61   | 5.2       | 33.55     | 7.9 | 25.3       | 2.14         |
| I39     | 02 Jun 2026 | 15        | 12.68     | 87.22   | 5.1       | 33.55     | 7.9 | 25.3       | 1.64         |
| I39     | 02 Jun 2026 | 16        | 12.68     | 88.09   | 5.0       | 33.54     | 7.9 | 25.3       | 1.54         |
| I39     | 02 Jun 2026 | 17        | 12.68     | 87.80   | 5.0       | 33.54     | 7.9 | 25.3       | 1.59         |
| I39     | 02 Jun 2026 | 18        | 12.68     | 88.10   | 4.9       | 33.55     | 7.9 | 25.3       | 1.39         |
|         |             |           |           |         |           |           |     |            |              |
| I39     | 09 Jun 2026 | 1         | 19.88     | 87.00   | 9.9       | 33.48     | 8.4 | 23.6       | 0.54         |
| I39     | 09 Jun 2026 | 2         | 19.89     | 86.98   | 9.9       | 33.48     | 8.4 | 23.6       | 0.56         |
| I39     | 09 Jun 2026 | 3         | 19.84     | 87.38   | 9.9       | 33.48     | 8.4 | 23.6       | 0.55         |
| I39     | 09 Jun 2026 | 4         | 19.62     | 88.00   | 10.0      | 33.48     | 8.4 | 23.7       | 0.57         |
| I39     | 09 Jun 2026 | 5         | 19.55     | 88.90   | 10.0      | 33.47     | 8.4 | 23.7       | 0.63         |
| I39     | 09 Jun 2026 | 6         | 19.32     | 89.37   | 10.1      | 33.47     | 8.4 | 23.8       | 0.71         |
| I39     | 09 Jun 2026 | 7         | 19.21     | 89.53   | 10.1      | 33.47     | 8.4 | 23.8       | 0.83         |
| I39     | 09 Jun 2026 | 8         | 18.31     | 88.51   | 9.9       | 33.47     | 8.3 | 24.0       | 1.04         |
| I39     | 09 Jun 2026 | 9         | 18.02     | 87.27   | 9.7       | 33.46     | 8.3 | 24.1       | 1.69         |
| I39     | 09 Jun 2026 | 10        | 17.45     | 85.29   | 9.7       | 33.46     | 8.3 | 24.2       | 2.56         |
| I39     | 09 Jun 2026 | 11        | 17.16     | 84.42   | 9.7       | 33.44     | 8.3 | 24.3       | 3.91         |
| I39     | 09 Jun 2026 | 12        | 16.30     | 85.09   | 9.1       | 33.45     | 8.3 | 24.5       | 4.31         |
| I39     | 09 Jun 2026 | 13        | 15.38     | 84.08   | 8.6       | 33.45     | 8.2 | 24.7       | 4.23         |
| I39     | 09 Jun 2026 | 14        | 15.02     | 84.68   | 8.1       | 33.46     | 8.2 | 24.8       | 4.25         |
| I39     | 09 Jun 2026 | 15        | 14.05     | 84.90   | 7.0       | 33.50     | 8.1 | 25.0       | 4.74         |
| I39     | 09 Jun 2026 | 16        | 13.36     | 82.95   | 5.8       | 33.50     | 8.0 | 25.2       | 5.12         |
| I39     | 09 Jun 2026 | 17        | 13.10     | 81.21   | 5.1       | 33.49     | 7.9 | 25.2       | 6.11         |
| I39     | 09 Jun 2026 | 18        | 13.02     | 80.05   | 4.8       | 33.49     | 7.9 | 25.2       | 5.36         |
|         |             |           |           |         |           |           |     |            |              |
| I39     | 16 Jun 2026 | 1         | 17.10     | 83.44   | 7.7       | 33.45     | 8.1 | 24.3       | 1.47         |
| I39     | 16 Jun 2026 | 2         | 16.95     | 82.79   | 7.6       | 33.47     | 8.1 | 24.4       | 1.49         |
| I39     | 16 Jun 2026 | 3         | 15.66     | 81.99   | 7.3       | 33.55     | 8.1 | 24.7       | 1.59         |
| I39     | 16 Jun 2026 | 4         | 15.62     | 82.24   | 7.2       | 33.46     | 8.1 | 24.7       | 1.64         |
| I39     | 16 Jun 2026 | 5         | 15.29     | 84.13   | 7.2       | 33.49     | 8.1 | 24.7       | 2.09         |
| I39     | 16 Jun 2026 | 6         | 15.22     | 83.96   | 7.2       | 33.48     | 8.1 | 24.8       | 3.40         |
| I39     | 16 Jun 2026 | 7         | 14.70     | 83.37   | 7.1       | 33.52     | 8.1 | 24.9       | 4.00         |
| I39     | 16 Jun 2026 | 8         | 14.36     | 82.85   | 7.0       | 33.49     | 8.1 | 24.9       | 5.68         |
| I39     | 16 Jun 2026 | 9         | 14.21     | 83.95   | 6.9       | 33.48     | 8.0 | 25.0       | 5.60         |
| I39     | 16 Jun 2026 | 10        | 14.06     | 84.84   | 6.9       | 33.49     | 8.0 | 25.0       | 5.39         |
| I39     | 16 Jun 2026 | 11        | 13.34     | 86.56   | 6.7       | 33.49     | 8.0 | 25.2       | 4.86         |
| I39     | 16 Jun 2026 | 12        | 13.27     | 88.45   | 6.6       | 33.47     | 8.0 | 25.2       | 3.92         |
| I39     | 16 Jun 2026 | 13        | 13.15     | 88.99   | 6.4       | 33.47     | 8.0 | 25.2       | 3.83         |
| I39     | 16 Jun 2026 | 14        | 12.25     | 89.81   | 6.1       | 33.54     | 8.0 | 25.4       | 3.11         |
| I39     | 16 Jun 2026 | 15        | 11.88     | 92.93   | 5.5       | 33.54     | 7.9 | 25.5       | 1.45         |
| I39     | 16 Jun 2026 | 16        | 11.78     | 94.01   | 5.2       | 33.53     | 7.9 | 25.5       | 1.02         |
| I39     | 16 Jun 2026 | 17        | 11.75     | 93.91   | 5.1       | 33.52     | 7.9 | 25.5       | 0.93         |
| I39     | 16 Jun 2026 | 18        | 11.73     | 93.76   | 5.0       | 33.52     | 7.9 | 25.5       | 0.91         |
|         |             |           |           |         |           |           |     |            |              |
| I39     | 24 Jun 2026 | 1         | 18.28     | 85.06   | 9.5       | 33.45     | 8.2 | 24.0       | 0.82         |
| I39     | 24 Jun 2026 | 2         | 18.17     | 82.80   | 9.5       | 33.47     | 8.2 | 24.1       | 0.83         |
| I39     | 24 Jun 2026 | 3         | 17.74     | 83.11   | 9.2       | 33.48     | 8.2 | 24.2       | 1.10         |
| I39     | 24 Jun 2026 | 4         | 16.15     | 85.16   | 9.3       | 33.55     | 8.2 | 24.6       | 1.85         |
| I39     | 24 Jun 2026 | 5         | 15.37     | 84.62   | 9.7       | 33.48     | 8.2 | 24.7       | 2.88         |
| I39     | 24 Jun 2026 | 6         | 15.09     | 83.65   | 10.0      | 33.45     | 8.2 | 24.8       | 7.06         |
| I39     | 24 Jun 2026 | 7         | 14.46     | 81.21   | 10.6      | 33.49     | 8.3 | 24.9       | 26.63        |
| I39     | 24 Jun 2026 | 8         | 13.91     | 67.03   | 11.1      | 33.50     | 8.3 | 25.0       | 25.56        |
| I39     | 24 Jun 2026 | 9         | 13.22     | 62.94   | 10.5      | 33.53     | 8.3 | 25.2       | 15.96        |
| I39     | 24 Jun 2026 | 10        | 12.86     | 66.00   | 8.9       | 33.51     | 8.1 | 25.3       | 11.16        |
| I39     | 24 Jun 2026 | 11        | 12.75     | 69.95   | 7.9       | 33.48     | 8.1 | 25.3       | 8.69         |
| I39     | 24 Jun 2026 | 12        | 12.71     | 73.29   | 7.5       | 33.48     | 8.0 | 25.3       | 7.56         |
| I39     | 24 Jun 2026 | 13        | 12.69     | 75.17   | 7.3       | 33.48     | 8.0 | 25.3       | 7.36         |
| I39     | 24 Jun 2026 | 14        | 12.67     | 77.00   | 7.2       | 33.47     | 8.0 | 25.3       | 6.84         |
| I39     | 24 Jun 2026 | 15        | 12.65     | 78.24   | 7.1       | 33.48     | 8.0 | 25.3       | 6.52         |
| I39     | 24 Jun 2026 | 16        | 12.63     | 78.66   | 7.0       | 33.47     | 8.0 | 25.3       | 6.06         |



| Station | Date        | Depth (m) | Temp (°C) | XMS (%) | DO (mg/l) | Sal (ppt) | pH  | Dens (σ-t) | Chlor (µg/L) |
|---------|-------------|-----------|-----------|---------|-----------|-----------|-----|------------|--------------|
| I39     | 24 Jun 2026 | 17        | 12.59     | 79.27   | 6.9       | 33.48     | 8.0 | 25.3       | 5.21         |
| I39     | 24 Jun 2026 | 18        | 12.53     | 80.43   | 6.7       | 33.48     | 8.0 | 25.3       | 3.56         |
| I39     | 29 Jun 2026 | 1         | 19.08     | 85.80   | 9.0       | 33.48     | 8.2 | 23.8       | 0.55         |
| I39     | 29 Jun 2026 | 2         | 19.08     | 86.08   | 8.9       | 33.48     | 8.2 | 23.8       | 0.56         |
| I39     | 29 Jun 2026 | 3         | 19.06     | 86.04   | 9.0       | 33.48     | 8.2 | 23.8       | 0.57         |
| I39     | 29 Jun 2026 | 4         | 19.03     | 85.93   | 9.1       | 33.48     | 8.2 | 23.9       | 0.70         |
| I39     | 29 Jun 2026 | 5         | 18.97     | 85.66   | 9.2       | 33.48     | 8.3 | 23.9       | 0.81         |
| I39     | 29 Jun 2026 | 6         | 18.93     | 85.52   | 9.3       | 33.48     | 8.3 | 23.9       | 1.03         |
| I39     | 29 Jun 2026 | 7         | 18.92     | 85.33   | 9.2       | 33.48     | 8.3 | 23.9       | 1.27         |
| I39     | 29 Jun 2026 | 8         | 18.89     | 85.32   | 9.0       | 33.48     | 8.2 | 23.9       | 1.34         |
| I39     | 29 Jun 2026 | 9         | 18.86     | 85.51   | 8.8       | 33.49     | 8.2 | 23.9       | 1.33         |
| I39     | 29 Jun 2026 | 10        | 18.85     | 85.65   | 8.9       | 33.49     | 8.2 | 23.9       | 1.35         |
| I39     | 29 Jun 2026 | 11        | 18.85     | 85.93   | 8.9       | 33.49     | 8.2 | 23.9       | 1.36         |
| I39     | 29 Jun 2026 | 12        | 18.82     | 85.97   | 8.8       | 33.49     | 8.2 | 23.9       | 1.40         |
| I39     | 29 Jun 2026 | 13        | 18.80     | 86.00   | 8.9       | 33.49     | 8.2 | 23.9       | 1.46         |
| I39     | 29 Jun 2026 | 14        | 18.52     | 85.96   | 8.9       | 33.49     | 8.2 | 24.0       | 1.63         |
| I39     | 29 Jun 2026 | 15        | 17.83     | 85.58   | 9.5       | 33.49     | 8.2 | 24.2       | 2.46         |
| I39     | 29 Jun 2026 | 16        | 17.30     | 83.23   | 10.1      | 33.48     | 8.3 | 24.3       | 4.35         |
| I39     | 29 Jun 2026 | 17        | 16.95     | 79.84   | 10.5      | 33.48     | 8.3 | 24.4       | 5.54         |
| I39     | 29 Jun 2026 | 18        | 16.13     | 75.76   | 10.1      | 33.53     | 8.3 | 24.6       | 7.47         |
| I26     | 02 Jun 2026 | 1         | 17.48     | 84.10   | 8.9       | 33.45     | 8.2 | 24.2       | 1.08         |
| I26     | 02 Jun 2026 | 2         | 17.38     | 83.94   | 8.9       | 33.45     | 8.2 | 24.2       | 1.39         |
| I26     | 02 Jun 2026 | 3         | 17.25     | 83.24   | 8.8       | 33.45     | 8.2 | 24.3       | 1.70         |
| I26     | 02 Jun 2026 | 4         | 17.02     | 82.11   | 8.5       | 33.45     | 8.2 | 24.3       | 2.19         |
| I26     | 02 Jun 2026 | 5         | 16.81     | 78.99   | 8.3       | 33.45     | 8.2 | 24.4       | 3.41         |
| I26     | 02 Jun 2026 | 6         | 16.56     | 73.51   | 8.1       | 33.45     | 8.2 | 24.4       | 6.00         |
| I26     | 02 Jun 2026 | 7         | 16.37     | 71.37   | 8.0       | 33.46     | 8.1 | 24.5       | 7.47         |
| I26     | 02 Jun 2026 | 8         | 15.90     | 69.63   | 8.0       | 33.49     | 8.1 | 24.6       | 7.82         |
| I26     | 02 Jun 2026 | 9         | 14.51     | 68.52   | 7.3       | 33.58     | 8.1 | 25.0       | 7.15         |
| I26     | 09 Jun 2026 | 1         | 20.10     | 79.27   | 10.2      | 33.49     | 8.4 | 23.6       | 1.06         |
| I26     | 09 Jun 2026 | 2         | 19.98     | 76.34   | 10.2      | 33.47     | 8.4 | 23.6       | 1.00         |
| I26     | 09 Jun 2026 | 3         | 19.35     | 71.82   | 10.2      | 33.51     | 8.4 | 23.8       | 1.09         |
| I26     | 09 Jun 2026 | 4         | 19.06     | 78.23   | 10.0      | 33.48     | 8.4 | 23.8       | 1.58         |
| I26     | 09 Jun 2026 | 5         | 18.90     | 80.17   | 9.6       | 33.48     | 8.3 | 23.9       | 3.00         |
| I26     | 09 Jun 2026 | 6         | 17.26     | 75.33   | 8.9       | 33.57     | 8.3 | 24.4       | 4.85         |
| I26     | 09 Jun 2026 | 7         | 15.38     | 72.53   | 8.2       | 33.55     | 8.2 | 24.8       | 6.59         |
| I26     | 09 Jun 2026 | 8         | 15.22     | 72.61   | 7.7       | 33.48     | 8.1 | 24.8       | 3.30         |
| I26     | 09 Jun 2026 | 9         | 15.27     | 71.42   | 7.6       | 33.47     | 8.1 | 24.7       | 2.21         |
| I26     | 16 Jun 2026 | 1         | 16.73     | 84.59   | 7.9       | 33.42     | 8.1 | 24.4       | 0.84         |
| I26     | 16 Jun 2026 | 2         | 16.49     | 84.59   | 7.9       | 33.43     | 8.1 | 24.4       | 0.86         |
| I26     | 16 Jun 2026 | 3         | 16.06     | 84.09   | 7.8       | 33.44     | 8.1 | 24.5       | 0.95         |
| I26     | 16 Jun 2026 | 4         | 15.55     | 83.01   | 7.7       | 33.43     | 8.1 | 24.6       | 1.12         |
| I26     | 16 Jun 2026 | 5         | 14.95     | 82.88   | 7.5       | 33.45     | 8.1 | 24.8       | 1.20         |
| I26     | 16 Jun 2026 | 6         | 14.42     | 83.82   | 7.2       | 33.46     | 8.1 | 24.9       | 1.33         |
| I26     | 16 Jun 2026 | 7         | 13.10     | 84.28   | 6.6       | 33.48     | 8.0 | 25.2       | 1.50         |
| I26     | 16 Jun 2026 | 8         | 12.95     | 85.22   | 6.0       | 33.45     | 7.9 | 25.2       | 1.65         |
| I26     | 16 Jun 2026 | 9         | 12.53     | 84.70   | 5.8       | 33.49     | 7.9 | 25.3       | 2.00         |
| I26     | 24 Jun 2026 | 1         | 17.46     | 61.80   | 11.4      | 33.44     | 8.3 | 24.2       | 16.06        |
| I26     | 24 Jun 2026 | 2         | 17.00     | 57.40   | 11.8      | 33.49     | 8.4 | 24.4       | 16.44        |
| I26     | 24 Jun 2026 | 3         | 16.55     | 52.18   | 12.3      | 33.45     | 8.4 | 24.4       | 29.20        |
| I26     | 24 Jun 2026 | 4         | 16.44     | 47.41   | 11.7      | 33.45     | 8.3 | 24.5       | 32.51        |
| I26     | 24 Jun 2026 | 5         | 16.27     | 49.78   | 10.5      | 33.45     | 8.3 | 24.5       | 22.19        |
| I26     | 24 Jun 2026 | 6         | 15.96     | 58.13   | 9.6       | 33.45     | 8.2 | 24.6       | 14.95        |
| I26     | 24 Jun 2026 | 7         | 15.87     | 65.92   | 9.1       | 33.44     | 8.2 | 24.6       | 9.78         |
| I26     | 24 Jun 2026 | 8         | 15.06     | 71.39   | 8.8       | 33.48     | 8.2 | 24.8       | 8.15         |
| I26     | 24 Jun 2026 | 9         | 13.94     | 75.23   | 8.6       | 33.49     | 8.1 | 25.0       | 2.58         |
| I26     | 29 Jun 2026 | 1         | 19.19     | 78.17   | 11.2      | 33.49     | 8.4 | 23.8       | 1.46         |
| I26     | 29 Jun 2026 | 2         | 19.17     | 78.05   | 11.2      | 33.49     | 8.4 | 23.8       | 1.43         |
| I26     | 29 Jun 2026 | 3         | 19.15     | 77.33   | 11.2      | 33.49     | 8.4 | 23.8       | 1.77         |
| I26     | 29 Jun 2026 | 4         | 19.13     | 76.90   | 11.2      | 33.49     | 8.4 | 23.8       | 1.97         |
| I26     | 29 Jun 2026 | 5         | 19.07     | 76.29   | 11.3      | 33.49     | 8.4 | 23.8       | 2.46         |
| I26     | 29 Jun 2026 | 6         | 18.71     | 73.81   | 11.5      | 33.49     | 8.4 | 23.9       | 4.31         |
| I26     | 29 Jun 2026 | 7         | 18.16     | 71.37   | 11.4      | 33.53     | 8.4 | 24.1       | 6.07         |
| I26     | 29 Jun 2026 | 8         | 15.58     | 71.50   | 11.5      | 33.54     | 8.3 | 24.7       | 7.49         |
| I26     | 29 Jun 2026 | 9         | 15.04     | 70.44   | 9.9       | 33.50     | 8.2 | 24.8       | 10.72        |
| I32     | 02 Jun 2026 | 1         | 17.36     | 50.93   | 7.7       | 32.88     | 8.1 | 23.8       | 3.04         |
| I32     | 02 Jun 2026 | 2         | 17.39     | 51.45   | 7.9       | 32.98     | 8.1 | 23.9       | 3.15         |

| Station | Date        | Depth (m) | Temp (°C) | XMS (%) | DO (mg/l) | Sal (ppt) | pH  | Dens (σ-t) | Chlor (µg/L) |
|---------|-------------|-----------|-----------|---------|-----------|-----------|-----|------------|--------------|
| I32     | 02 Jun 2026 | 3         | 17.50     | 55.60   | 8.2       | 33.40     | 8.2 | 24.2       | 4.23         |
| I32     | 02 Jun 2026 | 4         | 17.48     | 69.48   | 8.3       | 33.42     | 8.2 | 24.2       | 5.19         |
| I32     | 02 Jun 2026 | 5         | 17.44     | 76.66   | 8.3       | 33.42     | 8.2 | 24.2       | 4.96         |
| I32     | 02 Jun 2026 | 6         | 17.36     | 78.13   | 8.2       | 33.42     | 8.2 | 24.2       | 4.52         |
| I32     | 02 Jun 2026 | 7         | 17.25     | 78.33   | 8.1       | 33.44     | 8.2 | 24.3       | 4.78         |
| I32     | 02 Jun 2026 | 8         | 16.12     | 77.96   | 7.5       | 33.50     | 8.1 | 24.6       | 4.29         |
| I32     | 02 Jun 2026 | 9         | 14.41     | 75.30   | 6.5       | 33.61     | 8.0 | 25.0       | 3.25         |
| I32     | 02 Jun 2026 | 10        | 13.19     | 70.67   | 5.8       | 33.59     | 8.0 | 25.3       | 2.38         |
|         |             |           |           |         |           |           |     |            |              |
| I32     | 09 Jun 2026 | 1         | 20.28     | 73.68   | 10.2      | 33.48     | 8.4 | 23.5       | 1.54         |
| I32     | 09 Jun 2026 | 2         | 20.00     | 73.90   | 9.9       | 33.49     | 8.4 | 23.6       | 1.72         |
| I32     | 09 Jun 2026 | 3         | 19.71     | 73.16   | 9.5       | 33.48     | 8.4 | 23.7       | 2.63         |
| I32     | 09 Jun 2026 | 4         | 19.18     | 69.05   | 8.8       | 33.50     | 8.4 | 23.8       | 3.72         |
| I32     | 09 Jun 2026 | 5         | 16.70     | 63.73   | 8.4       | 33.62     | 8.3 | 24.5       | 7.47         |
| I32     | 09 Jun 2026 | 6         | 16.50     | 57.87   | 8.1       | 33.47     | 8.2 | 24.5       | 14.92        |
| I32     | 09 Jun 2026 | 7         | 15.02     | 51.04   | 7.7       | 33.55     | 8.1 | 24.9       | 15.71        |
| I32     | 09 Jun 2026 | 8         | 14.85     | 53.52   | 7.2       | 33.49     | 8.1 | 24.8       | 11.94        |
| I32     | 09 Jun 2026 | 9         | 14.85     | 52.35   | 7.1       | 33.48     | 8.1 | 24.8       | 10.52        |
| I32     | 09 Jun 2026 | 10        | 14.80     | 49.63   | 7.0       | 33.46     | 8.1 | 24.8       | 10.36        |
|         |             |           |           |         |           |           |     |            |              |
| I32     | 16 Jun 2026 | 1         | 15.82     | 78.49   | 7.6       | 33.38     | 8.1 | 24.5       | 0.72         |
| I32     | 16 Jun 2026 | 2         | 15.56     | 78.50   | 7.5       | 33.41     | 8.1 | 24.6       | 0.70         |
| I32     | 16 Jun 2026 | 3         | 14.17     | 76.47   | 7.3       | 33.45     | 8.0 | 25.0       | 0.88         |
| I32     | 16 Jun 2026 | 4         | 13.18     | 77.98   | 6.9       | 33.49     | 8.0 | 25.2       | 1.23         |
| I32     | 16 Jun 2026 | 5         | 12.87     | 85.36   | 6.5       | 33.49     | 8.0 | 25.2       | 1.55         |
| I32     | 16 Jun 2026 | 6         | 12.62     | 86.87   | 6.2       | 33.49     | 8.0 | 25.3       | 2.03         |
| I32     | 16 Jun 2026 | 7         | 12.52     | 88.74   | 5.9       | 33.49     | 8.0 | 25.3       | 1.82         |
| I32     | 16 Jun 2026 | 8         | 12.49     | 89.95   | 5.8       | 33.48     | 7.9 | 25.3       | 1.48         |
| I32     | 16 Jun 2026 | 9         | 12.49     | 83.60   | 5.6       | 33.48     | 7.9 | 25.3       | 1.69         |
| I32     | 16 Jun 2026 | 10        | 12.49     | 77.17   | 5.4       | 33.48     | 7.9 | 25.3       | 2.03         |
|         |             |           |           |         |           |           |     |            |              |
| I32     | 24 Jun 2026 | 1         | 17.25     | 67.47   | 11.3      | 33.44     | 8.3 | 24.3       | 5.63         |
| I32     | 24 Jun 2026 | 2         | 17.43     | 67.56   | 11.2      | 33.44     | 8.3 | 24.2       | 6.42         |
| I32     | 24 Jun 2026 | 3         | 16.73     | 68.18   | 10.9      | 33.44     | 8.3 | 24.4       | 4.66         |
| I32     | 24 Jun 2026 | 4         | 16.40     | 66.94   | 10.6      | 33.45     | 8.3 | 24.5       | 10.15        |
| I32     | 24 Jun 2026 | 5         | 16.08     | 62.87   | 10.6      | 33.44     | 8.3 | 24.5       | 13.91        |
| I32     | 24 Jun 2026 | 6         | 15.55     | 62.72   | 11.1      | 33.46     | 8.3 | 24.7       | 13.82        |
| I32     | 24 Jun 2026 | 7         | 14.72     | 63.42   | 11.8      | 33.48     | 8.3 | 24.9       | 15.16        |
| I32     | 24 Jun 2026 | 8         | 14.25     | 67.19   | 11.6      | 33.47     | 8.3 | 25.0       | 14.41        |
| I32     | 24 Jun 2026 | 9         | 13.70     | 70.51   | 11.0      | 33.46     | 8.3 | 25.1       | 14.55        |
| I32     | 24 Jun 2026 | 10        | 13.62     | 73.27   | 10.5      | 33.45     | 8.2 | 25.1       | 11.20        |
|         |             |           |           |         |           |           |     |            |              |
| I32     | 29 Jun 2026 | 1         | 19.54     | 68.68   | 9.3       | 33.50     | 8.4 | 23.7       | 2.21         |
| I32     | 29 Jun 2026 | 2         | 19.53     | 68.47   | 9.4       | 33.50     | 8.4 | 23.7       | 2.22         |
| I32     | 29 Jun 2026 | 3         | 19.49     | 68.54   | 9.3       | 33.50     | 8.4 | 23.8       | 2.60         |
| I32     | 29 Jun 2026 | 4         | 19.37     | 68.06   | 9.1       | 33.51     | 8.4 | 23.8       | 3.57         |
| I32     | 29 Jun 2026 | 5         | 18.81     | 67.53   | 8.8       | 33.55     | 8.3 | 24.0       | 4.61         |
| I32     | 29 Jun 2026 | 6         | 16.45     | 65.23   | 10.2      | 33.56     | 8.3 | 24.5       | 6.84         |
| I32     | 29 Jun 2026 | 7         | 15.99     | 65.88   | 10.9      | 33.48     | 8.3 | 24.6       | 9.01         |
| I32     | 29 Jun 2026 | 8         | 15.21     | 63.70   | 9.2       | 33.49     | 8.2 | 24.8       | 12.48        |
| I32     | 29 Jun 2026 | 9         | 14.82     | 59.78   | 7.0       | 33.49     | 7.9 | 24.8       | 10.76        |
| I32     | 29 Jun 2026 | 10        | 14.50     | 50.32   | 5.7       | 33.49     | 7.9 | 24.9       | 6.96         |

NA = not available

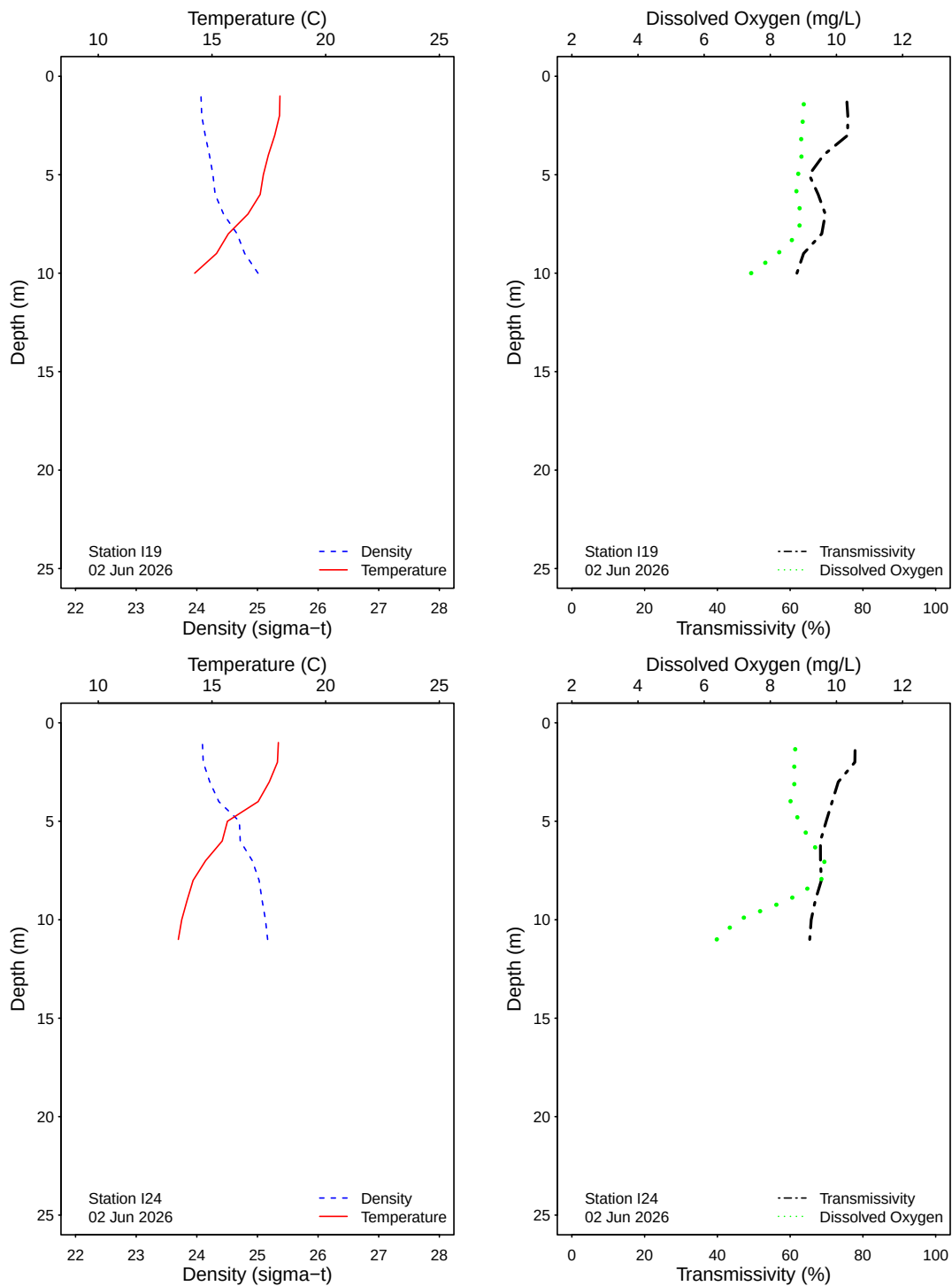


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

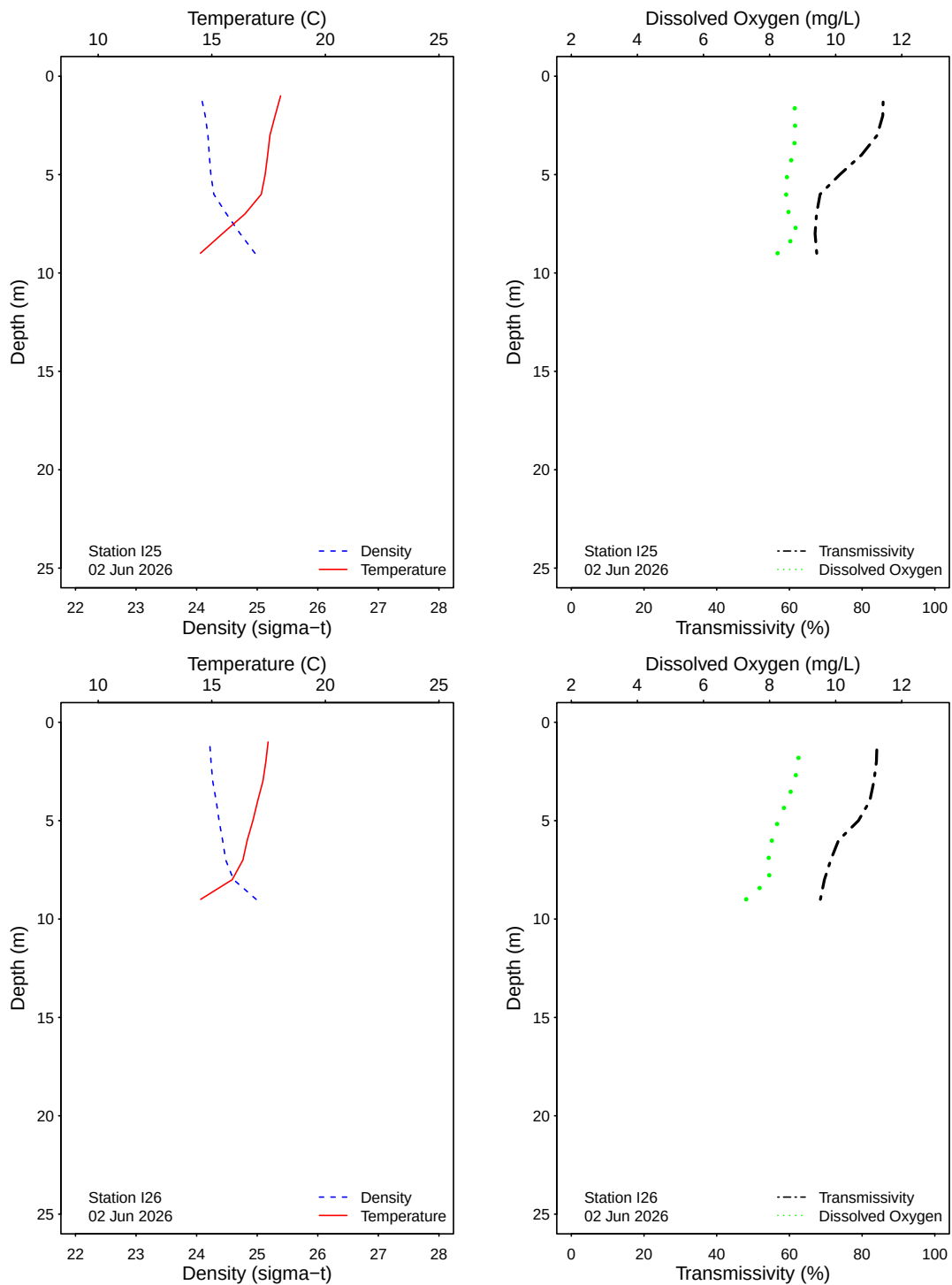


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

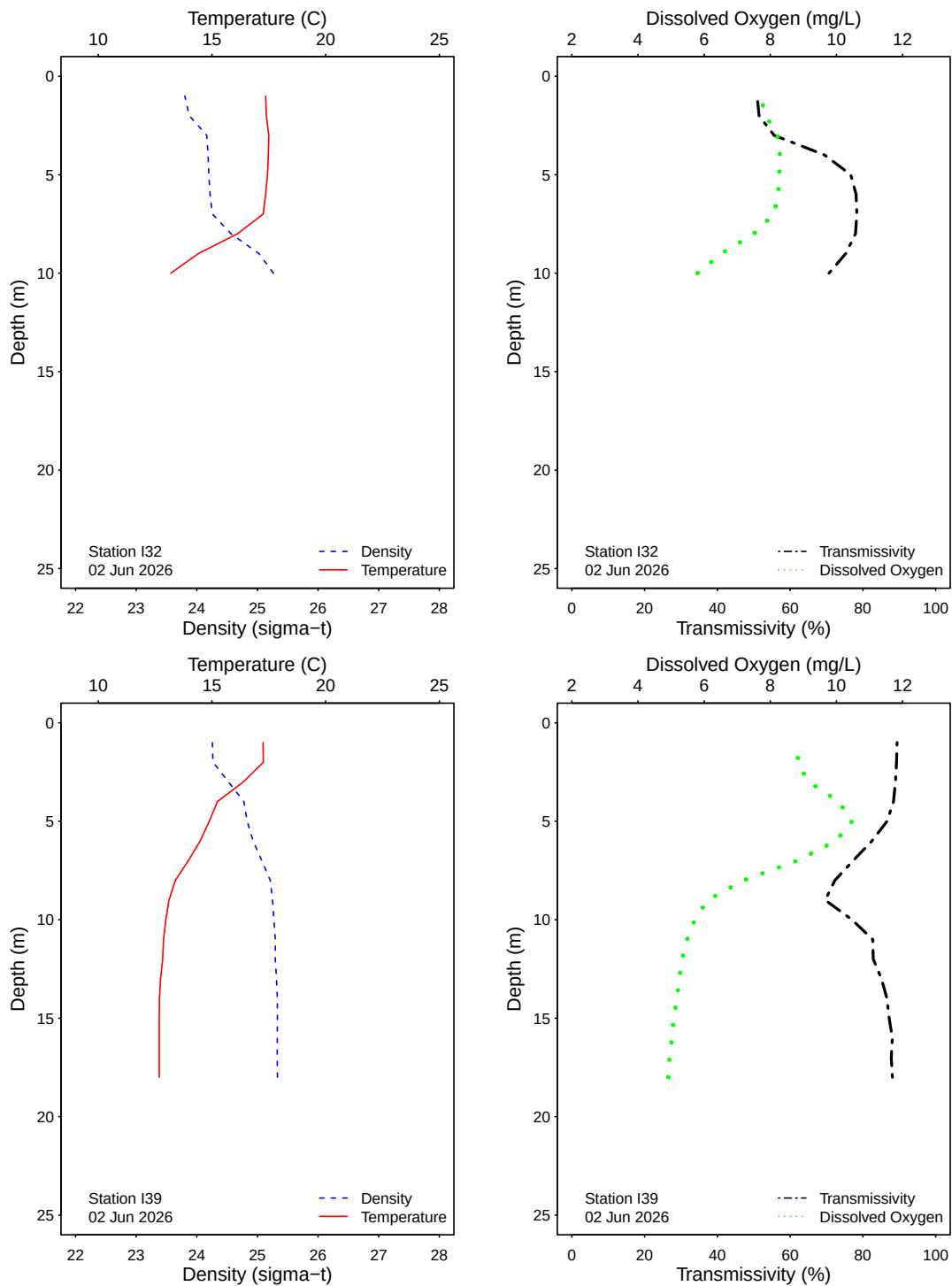


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

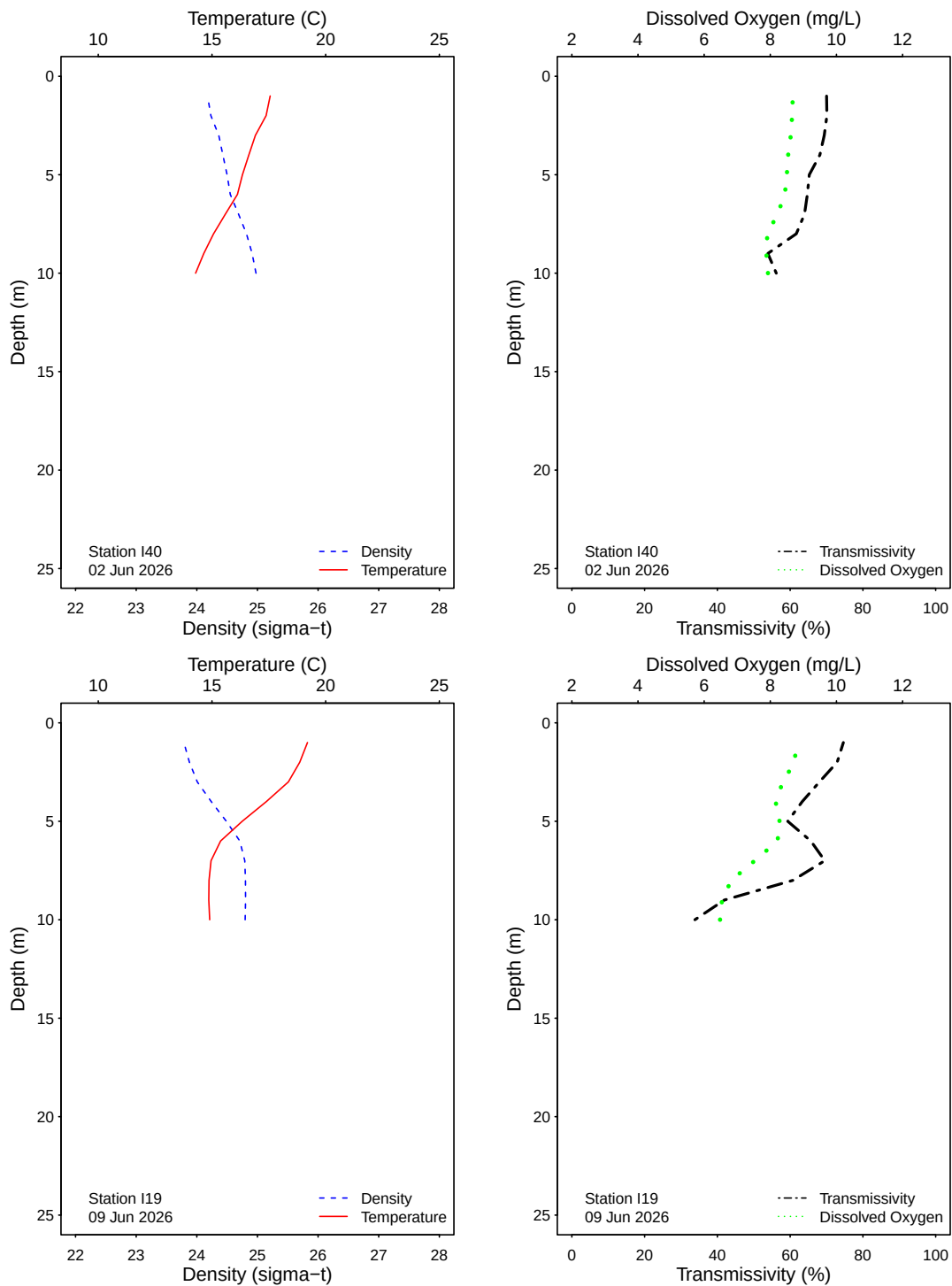


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

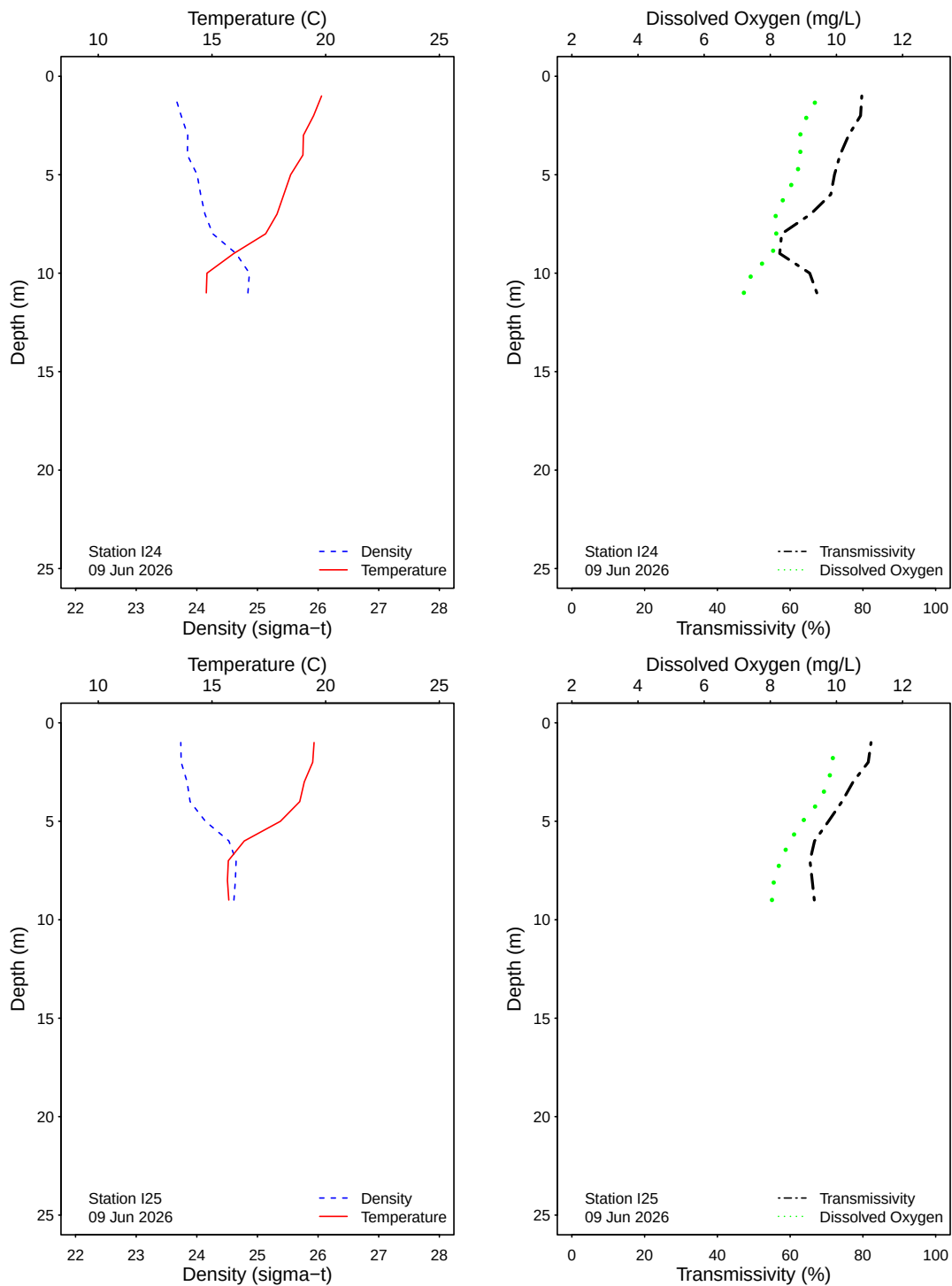


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

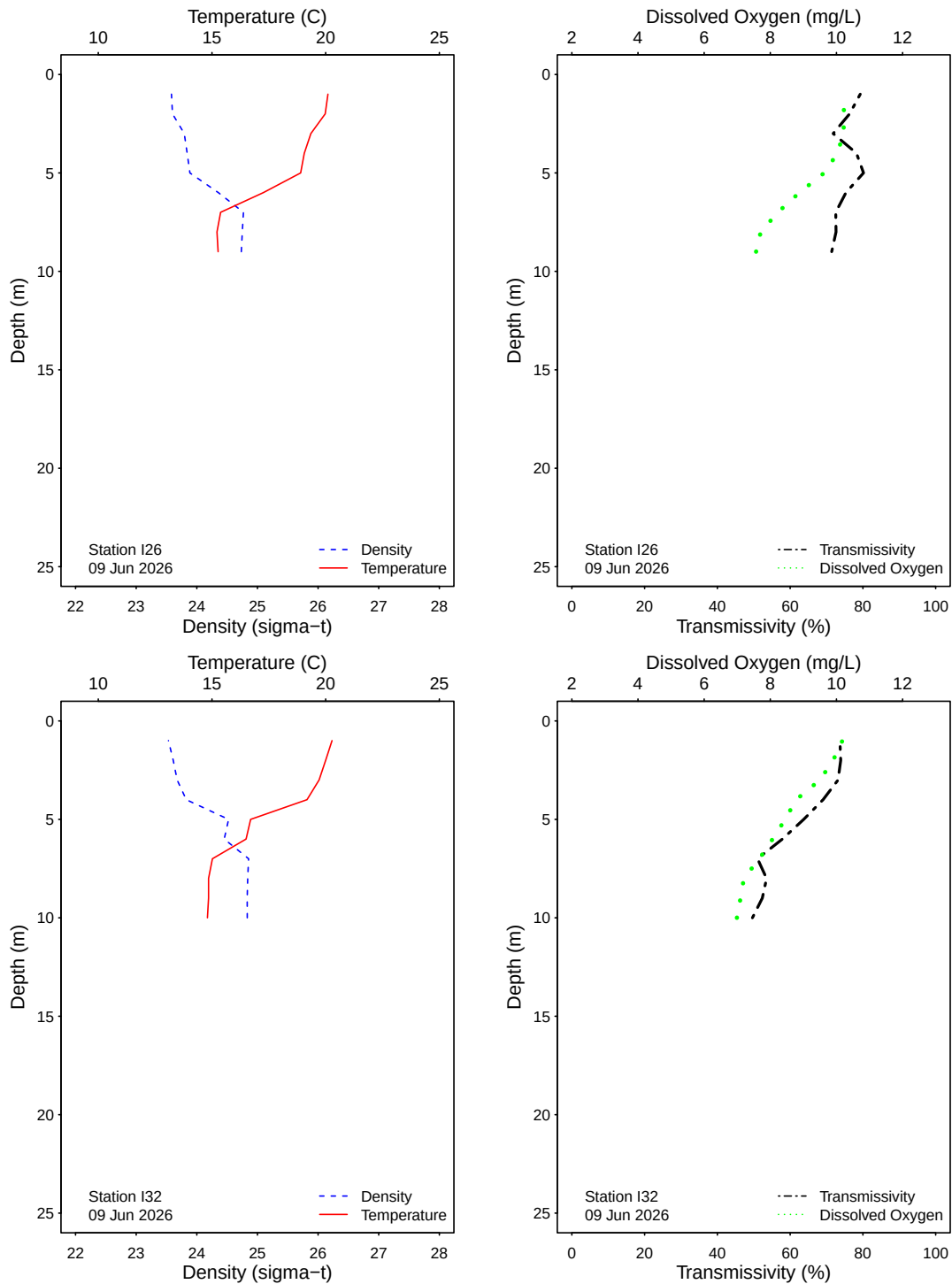


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.



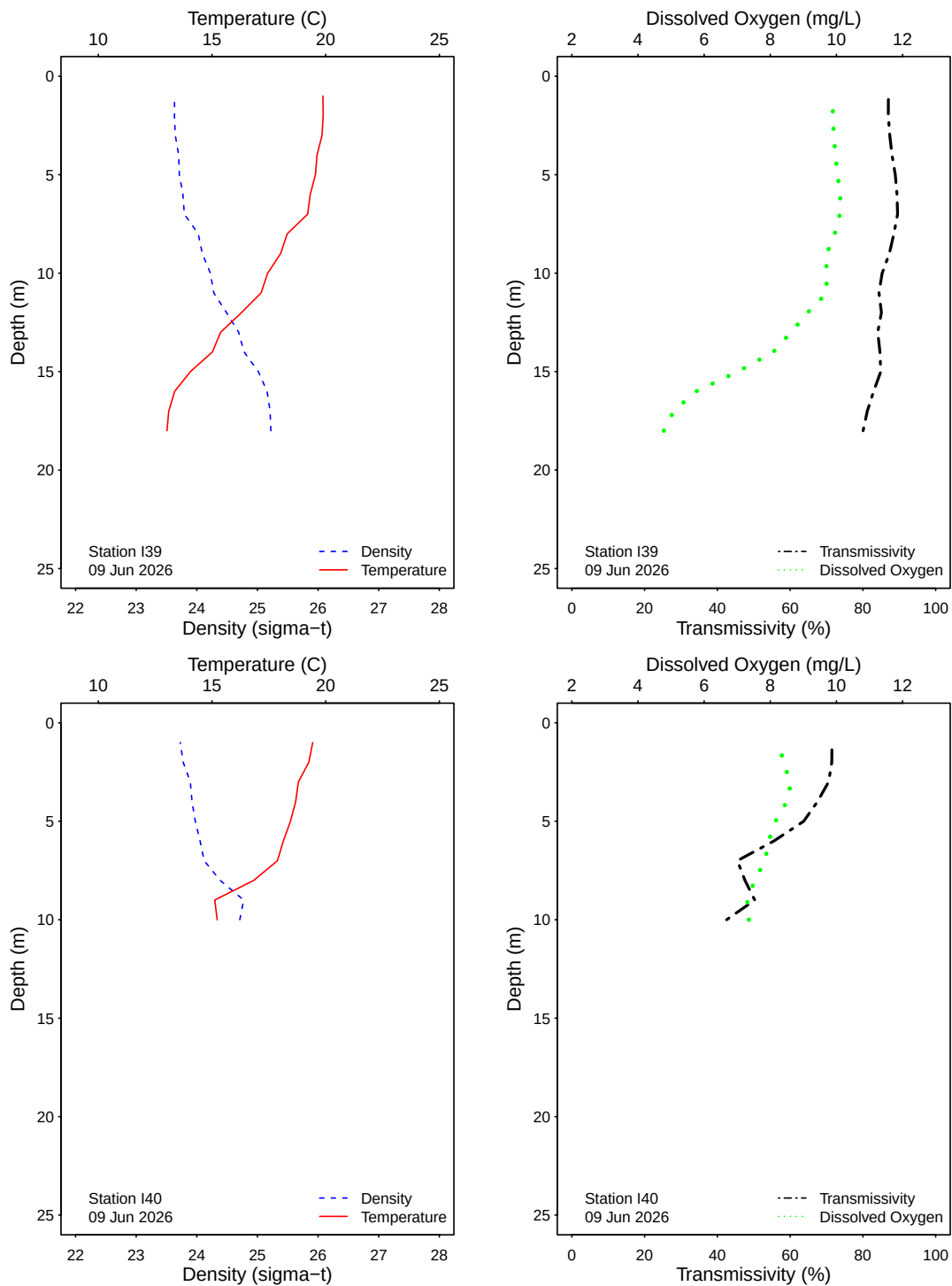


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

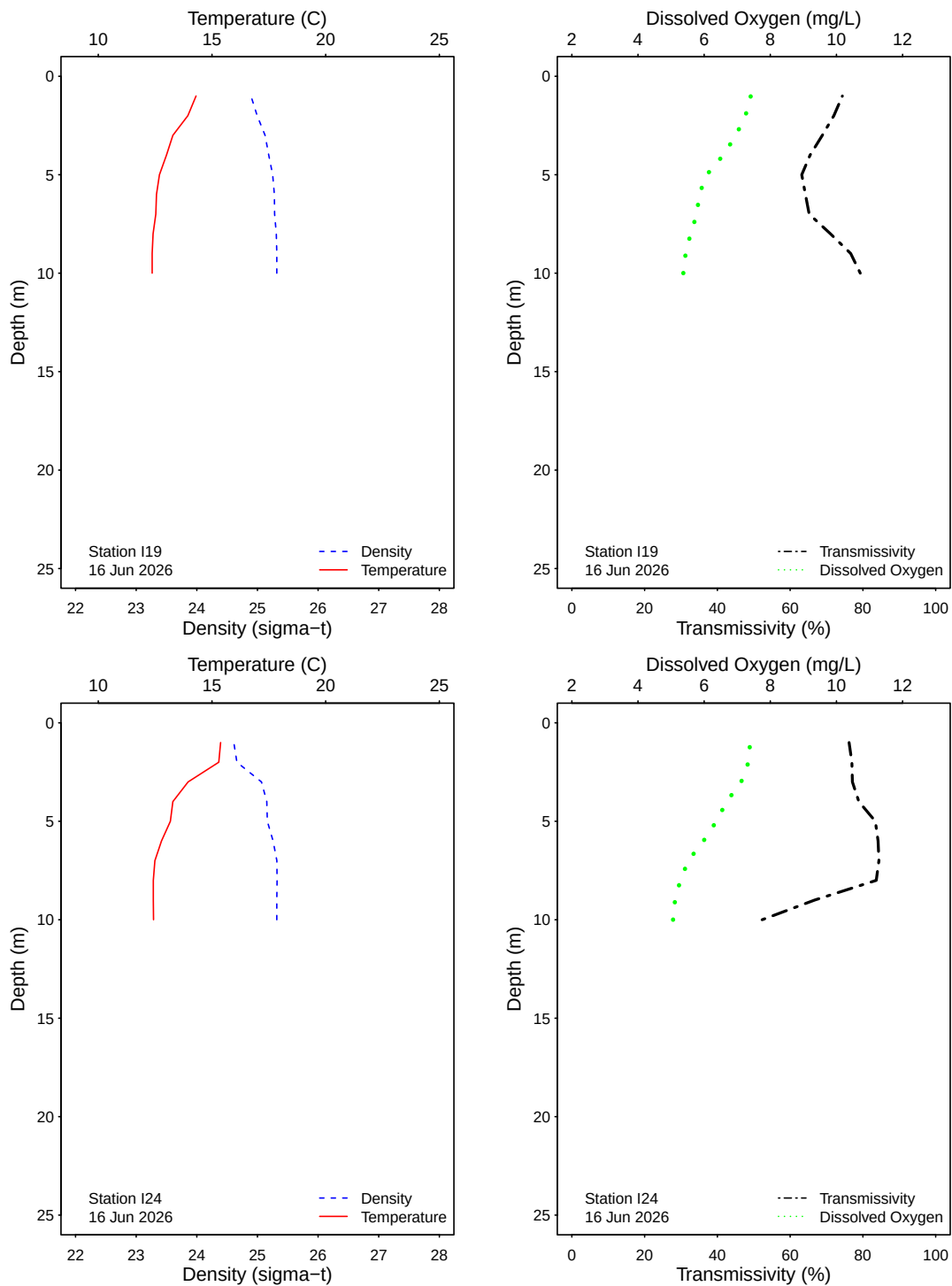


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

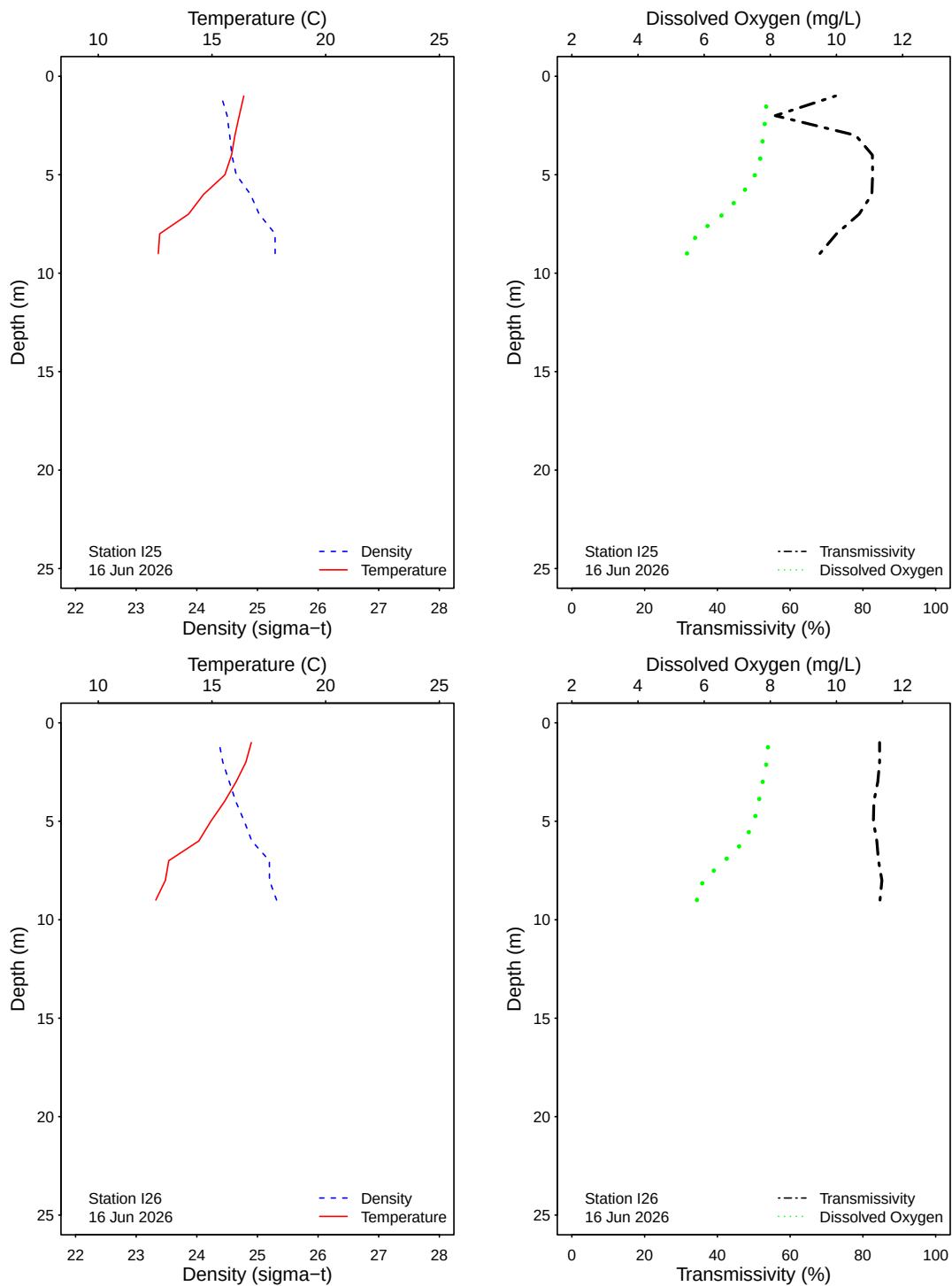


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

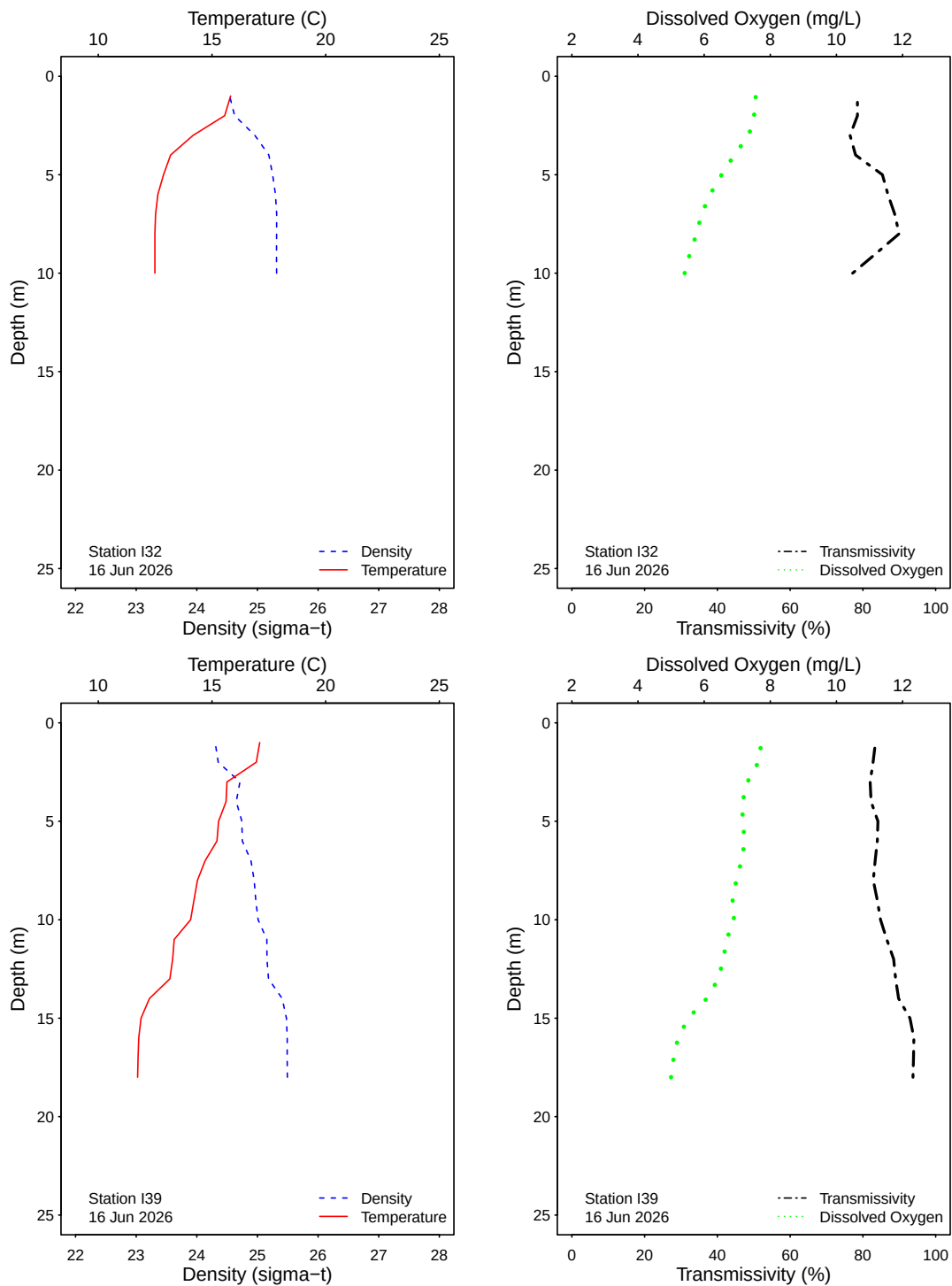


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

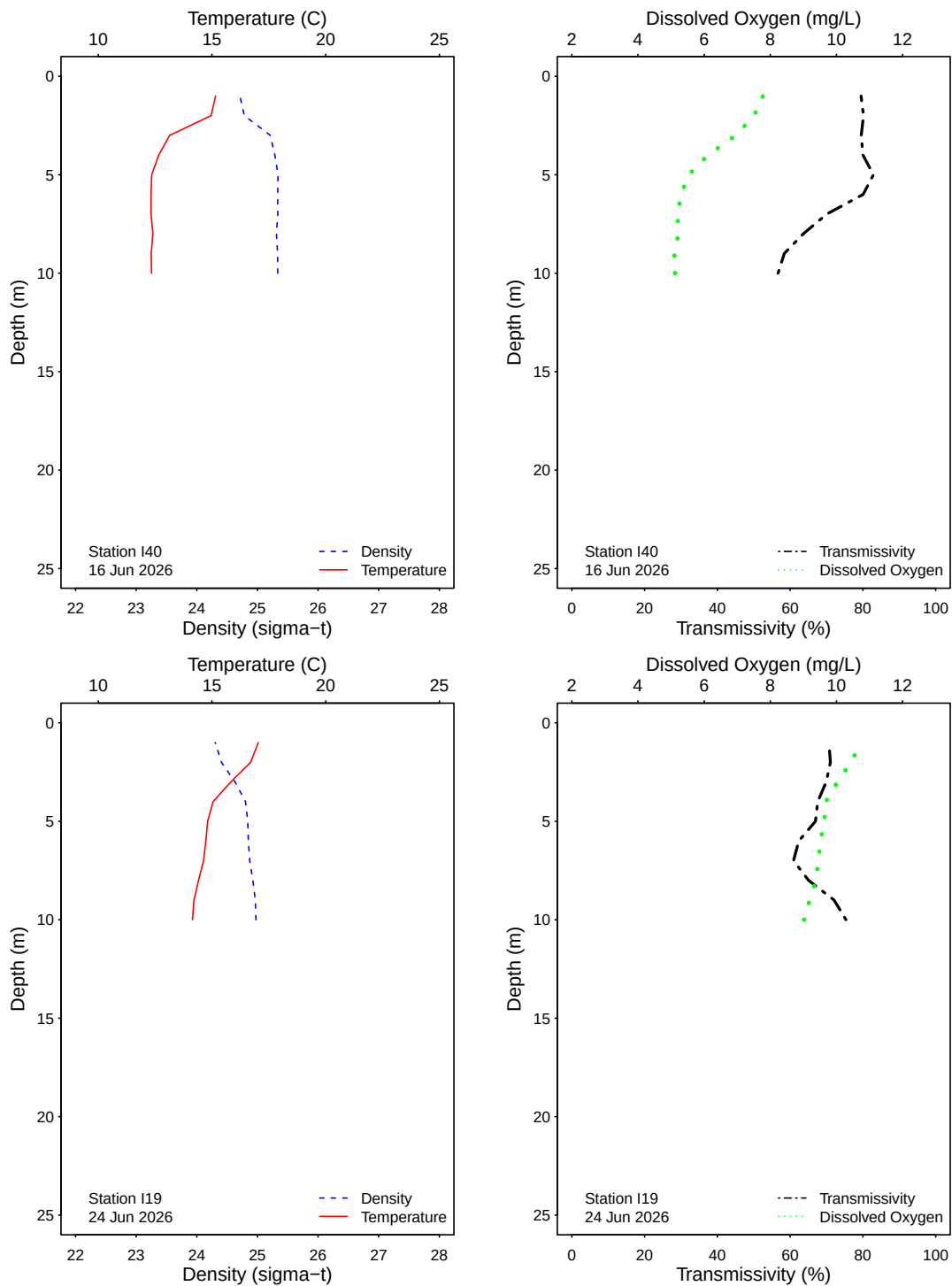


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

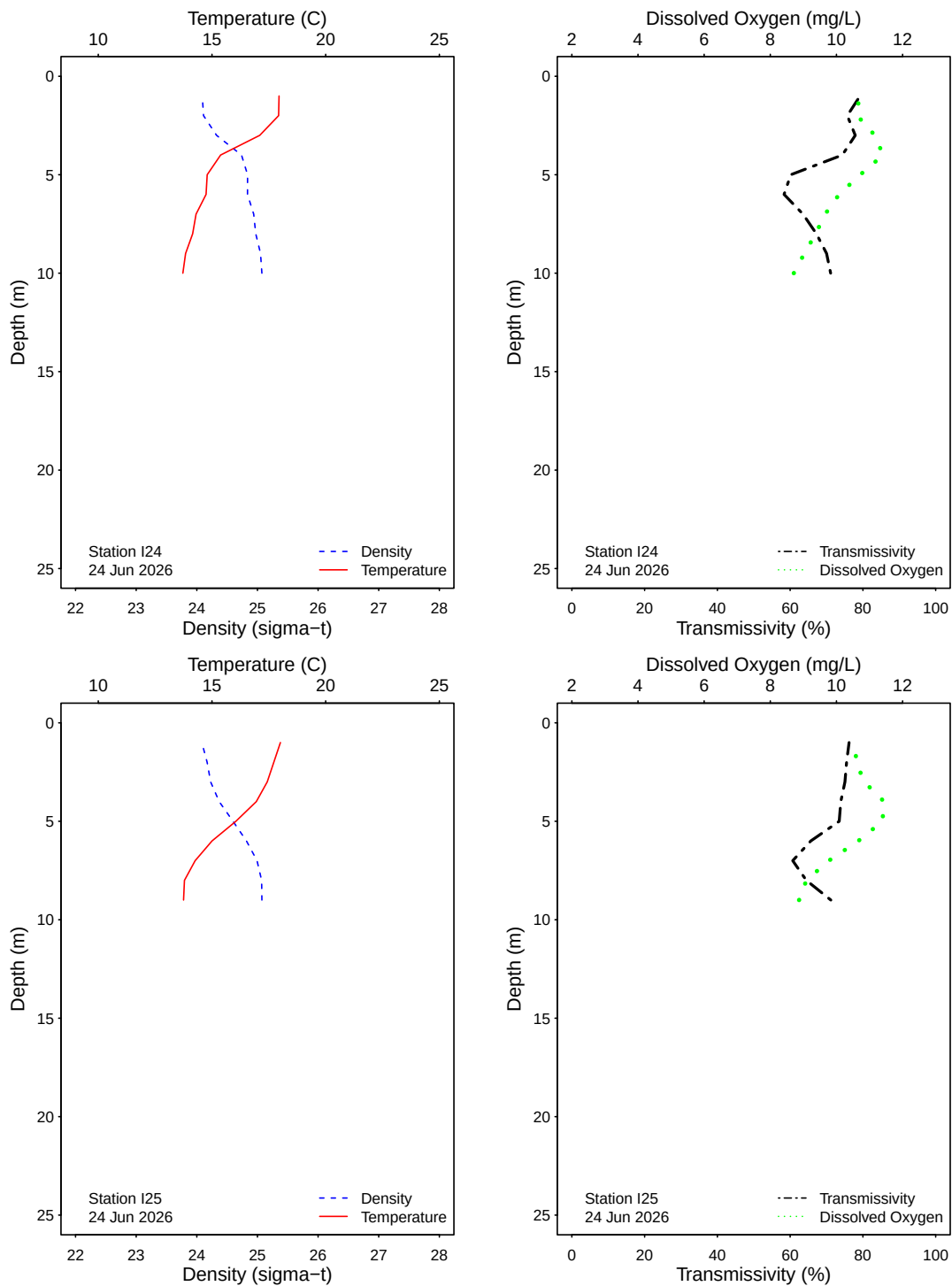


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

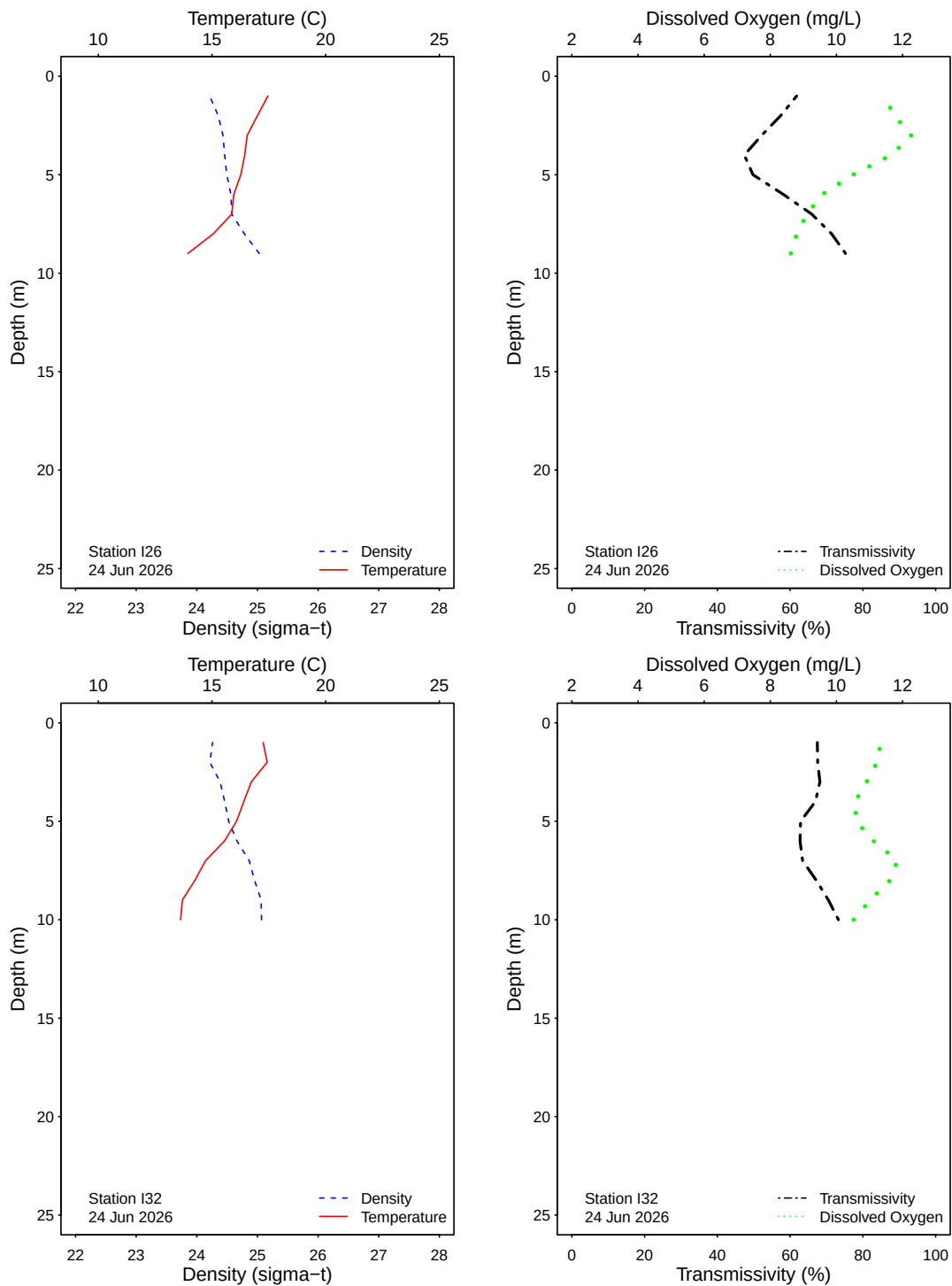


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

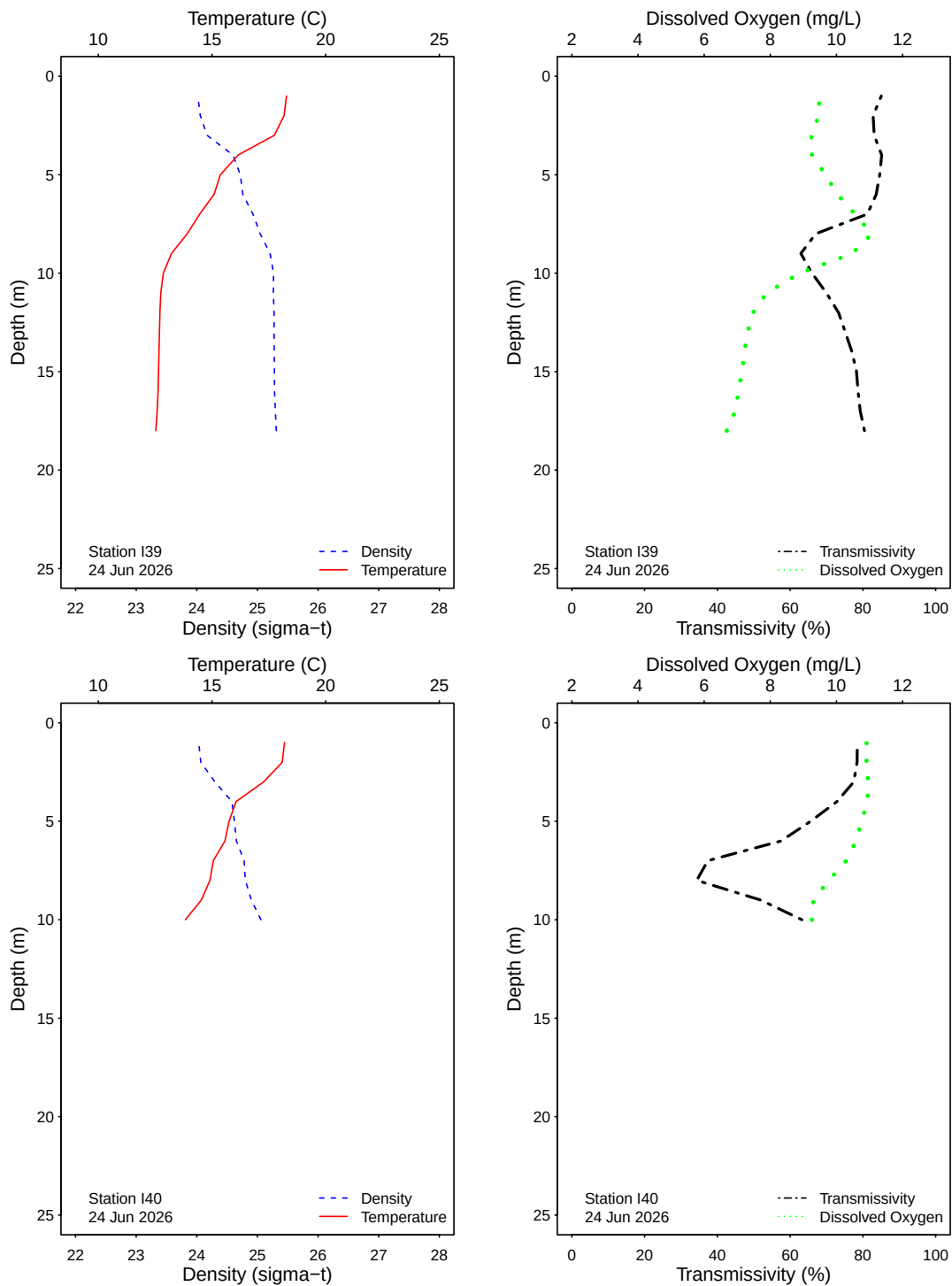


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.



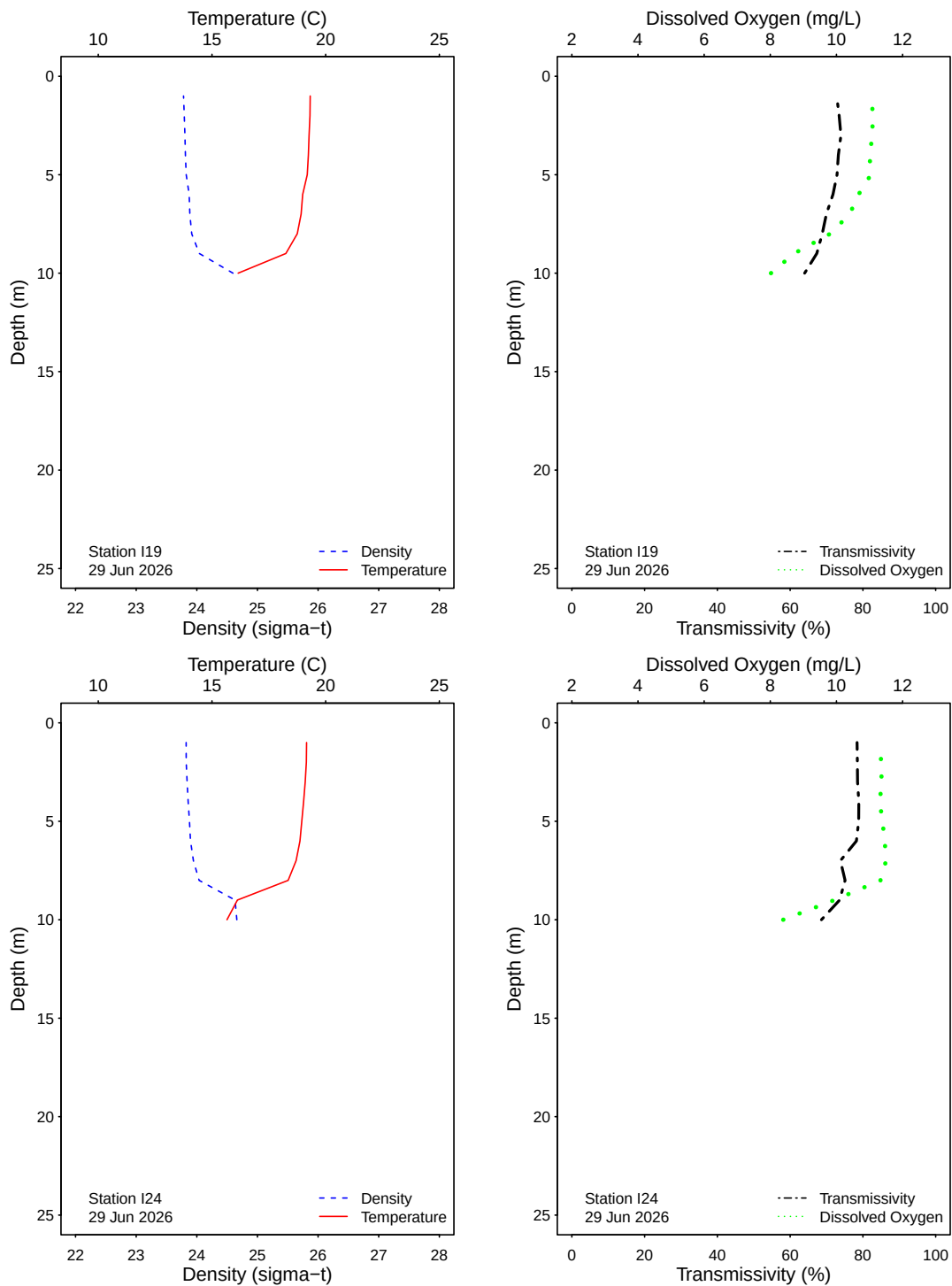


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

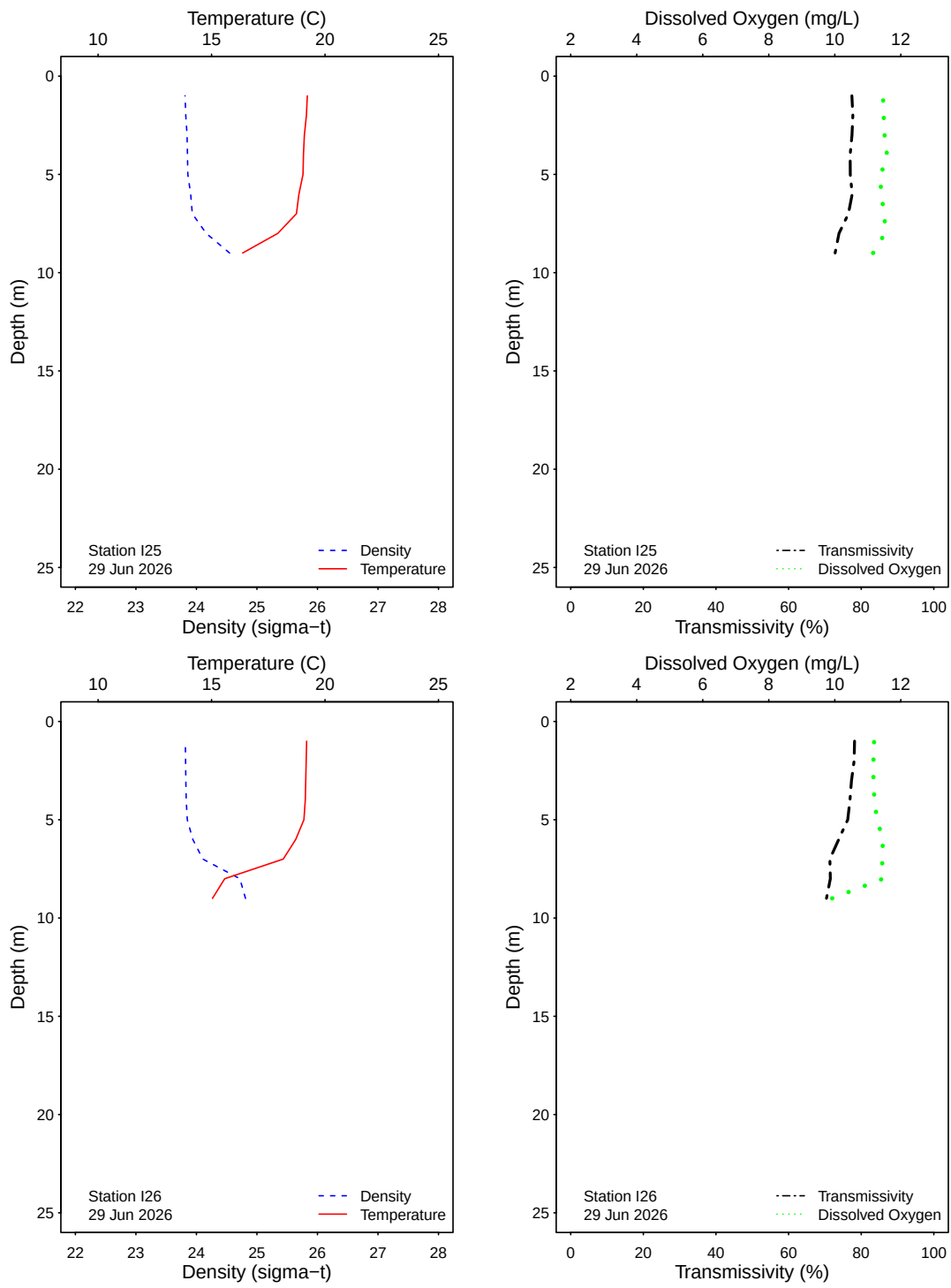


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

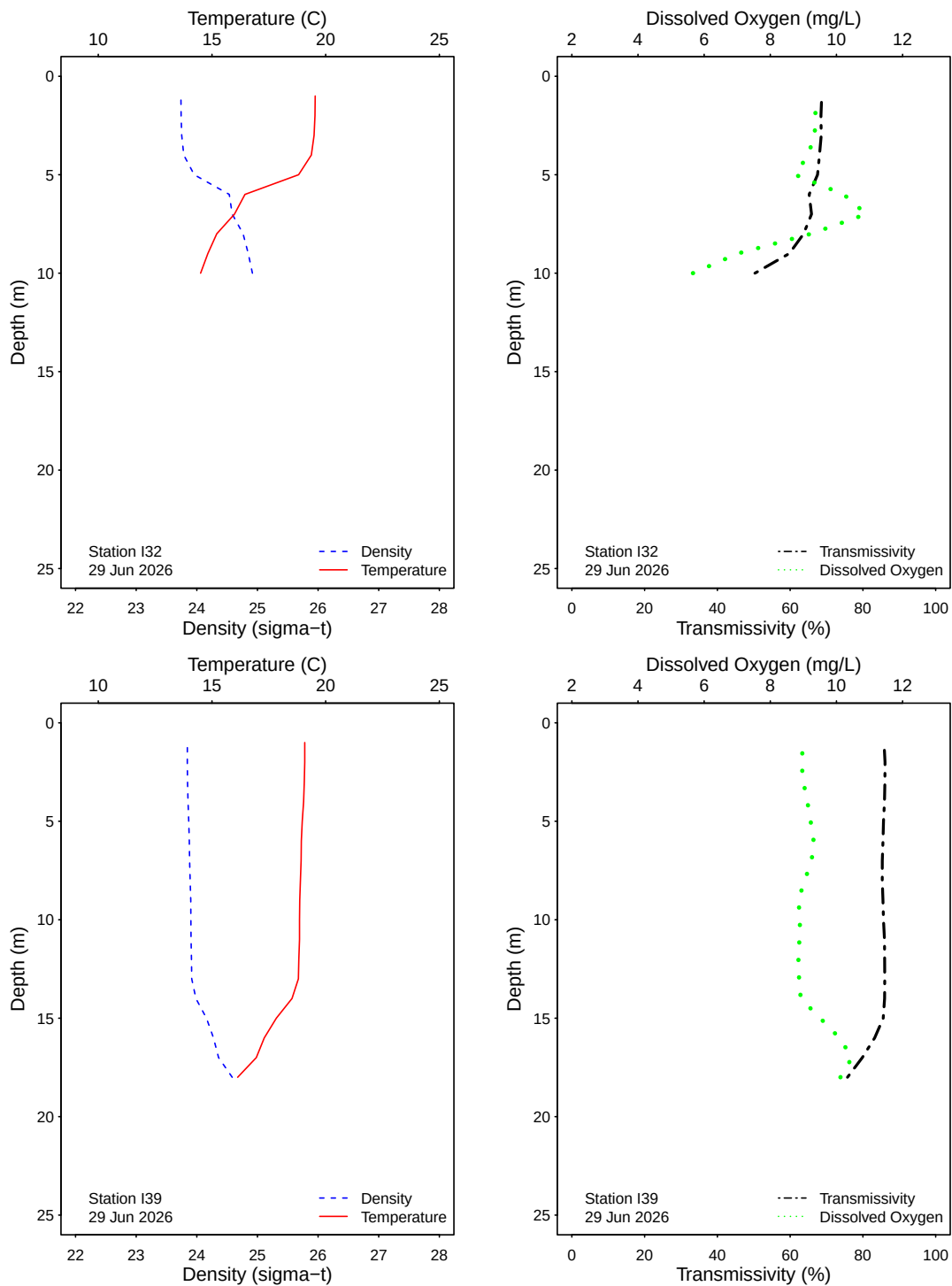


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

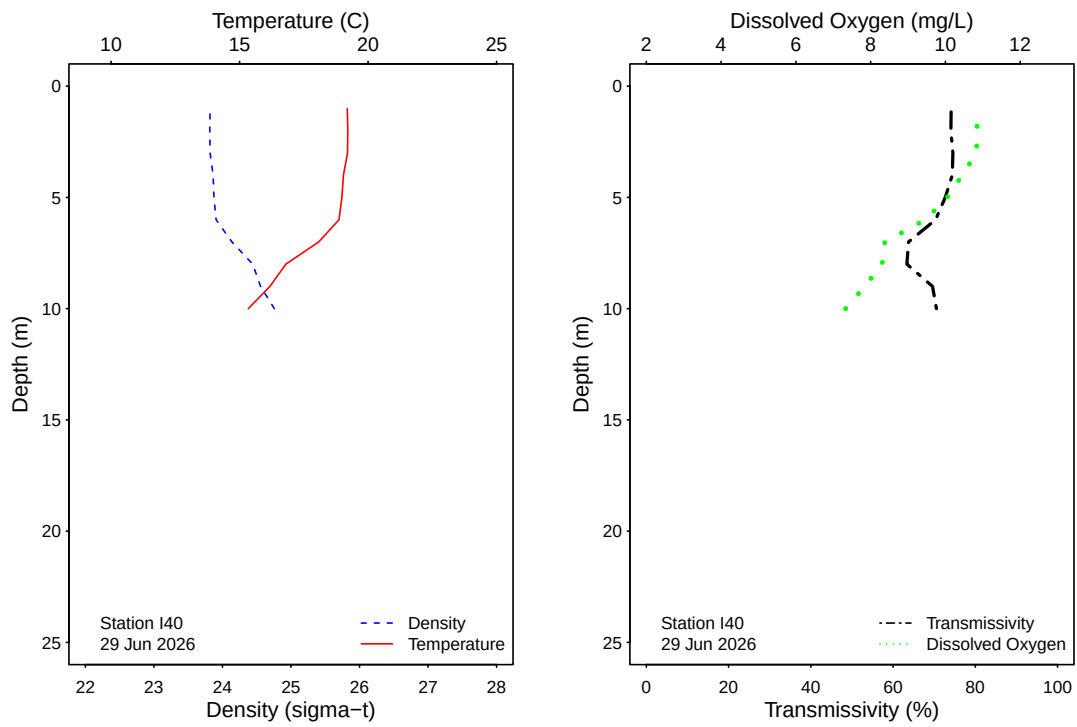


Figure 3.1: Graphics of CTD profile data from the SBOO kelp stations for each sample date.

# 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* (Enter) are reported as CFU/100 mL.

| Station | Date        | Depth | Analyst | Procedure       | Total | Fecal | Enter |
|---------|-------------|-------|---------|-----------------|-------|-------|-------|
| S2      | 16 Jun 2026 | 6     | SS      | LAB DUPLICATE   | 20    | 6     | 2     |
| S2      | 30 Jun 2026 |       | NCD     | LAB DUPLICATE   | 20    | 16    | 18    |
| S3      | 24 Jun 2026 |       | JF      | LAB DUPLICATE   | 300   | 10    | 24    |
| I19     | 02 Jun 2026 |       | NCD     | LAB DUPLICATE   | 20    | 8     | 2     |
| I19     | 09 Jun 2026 |       | ADG     | LAB DUPLICATE   | 4     | 2     | 2     |
| I19     | 16 Jun 2026 |       | JF      | LAB DUPLICATE   | 80    | 2     | 2     |
| I19     | 24 Jun 2026 |       | ADG     | LAB DUPLICATE   | 180   | 16    | 18    |
| I19     | 29 Jun 2026 |       | NCD     | LAB DUPLICATE   | 52    | 2     | 16    |
| I40     | 02 Jun 2026 |       | NCD     | LAB DUPLICATE   | 300   | 12    | 12    |
| I40     | 09 Jun 2026 |       | ADG     | LAB DUPLICATE   | 20    | 2     | 6     |
| I40     | 16 Jun 2026 |       | JF      | LAB DUPLICATE   | 20    | 2     | 14    |
| I40     | 24 Jun 2026 |       | ADG     | LAB DUPLICATE   | 260   | 26    | 34    |
| I40     | 29 Jun 2026 |       | NCD     | LAB DUPLICATE   | 8     | 2     | 2     |
| S12     | 02 Jun 2026 |       | NCD     | FIELD DUPLICATE | 16000 | 12000 | 12000 |
| S12     | 02 Jun 2026 |       | NCD     | LAB DUPLICATE   | 16000 | 12000 | 12000 |
| S12     | 09 Jun 2026 |       | JF      | FIELD DUPLICATE | 20    | 4     | 80    |
| S12     | 09 Jun 2026 |       | JF      | LAB DUPLICATE   | 20    | 6     | 140   |
| S12     | 16 Jun 2026 |       | JF      | FIELD DUPLICATE | 4400  | 280   | 1000  |
| S12     | 16 Jun 2026 |       | JF      | LAB DUPLICATE   | 3600  | 120   | 620   |
| S12     | 24 Jun 2026 |       | NCD     | FIELD DUPLICATE | 960   | 40    | 140   |
| S12     | 24 Jun 2026 |       | NCD     | LAB DUPLICATE   | 1800  | 20    | 240   |
| S12     | 30 Jun 2026 |       | JF      | FIELD DUPLICATE | 20    | 10    | 8     |
| S12     | 30 Jun 2026 |       | JF      | LAB DUPLICATE   | 60    | 12    | 10    |

ns = not sampled

ND = no data

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