APPENDIX A

FIELD DATA FORMS
FIELD WATER QUALITY DATA FORM

Station Identification: REF 1-HE

Date: 5/6/22
Time on Station: 0625

FIB SAMPLE TIME: 0625
Water Depth: 20.4 m

Tide (ft): 1.0
Time of Slack High Tide: 23:58

Weather conditions: Calm

Wind (mph)/direction: Calm
Water Visibility (ft): 2.9

Surface Water Conditions: Calm

Bird Enumeration: No

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

No sheen, calm

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0628</td>
<td>18.7</td>
<td>37.45</td>
<td>8.09</td>
<td>7.95</td>
</tr>
</tbody>
</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- “Clean Hands” sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/6/22       Time: 10:00       Signature: [Signature]

PORT OF SAN DIEGO
SHELTER ISLAND YACHT BASIN
2022 Bacteria Special Study
FIELD WATER QUALITY DATA FORM

Station Identification:  KK-W1

Date:  5/6/22
      (mm/dd/yyyy)  Time on Station:
      0610  (hh:mm)

FIB SAMPLE TIME:  0610  Water Depth:  2.5 m

Tide (ft):  Time of Slack High
Weather conditions:  calm, overcast, clear
      Tide:  23:53

Wind (mph)/direction:  0
Water Visibility (ft):  2.5 m + (6 ft)

Surface Water Conditions:  calm

Bird Enumeration:  n = 1, no people

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

  none

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
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<tr>
<td>0615</td>
<td>19.6</td>
<td>34.36</td>
<td>8.05</td>
<td>7.36</td>
</tr>
</tbody>
</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
☑ Field data sheet completed, notable observations recorded
☑ Photos taken
☑ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
☑ Samples collected within 25 feet of target location? If not, please describe below.
☑ "Clean Hands" sampling techniques followed
☑ Samples sealed in secondary container (plastic bag) and immediately placed on ice
☑ COCs filled out and cross-checked with sample labels
☑ Samples delivered within holding time requirements

Date: 5/11/22  Time: 10:00  Signature: [Signature]
PORT OF SAN DIEGO
SHELTER ISLAND YACHT BASIN
2022 Bacteria Special Study

FIELD WATER QUALITY DATA FORM

Station Identification: 6D - W1

Date: 5/6/22
(mm/dd/yyyy)

Time on Station: 0600
(hh:mm)

FIB SAMPLE TIME: 0600

Water Depth: 6.0 meters

Tide (ft): ___________

Time of Slack High Tide: 23:53

Weather conditions: calm overcast

Wind (mph)/direction: ___________

Water Visibility (ft): 4.1 meters

Surface Water Conditions: calm

Bird Enumeration: 2 birds, no people, N = 20 boats

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

noted large sheen surface oil @ slip, make collection location 75' west

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<tr>
<td>0605</td>
<td>18.5</td>
<td>34.15</td>
<td>8.02</td>
<td>7.82</td>
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</table>
QAQC Checklist:

☑ Field data sheet completed, notable observations recorded
☑ Photos taken
☑ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
☑ Samples collected within 25 feet of target location? If not, please describe below.
☑ “Clean Hands” sampling techniques followed
☑ Samples sealed in secondary container (plastic bag) and immediately placed on ice
☑ COCs filled out and cross-checked with sample labels
☑ Samples delivered within holding time requirements

Date: 5/6/22  Time: 10:00  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: MCI-221

Date: 5/6/22

Time on Station: 0625

FIB SAMPLE TIME: 0625

Time of Slack High Tide: 23:58

Water Depth: 5.3 m

Tide (ft): 10.7

Weather conditions: calm, overcast

Wind (mph)/direction: 0

Water Visibility (ft): 2.8 meter

Surface Water Conditions: calm

Bird Enumeration: 0 - 0

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

- no sheen, surface debris or kelp

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
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<tbody>
<tr>
<td>0628</td>
<td>18.6</td>
<td>34.47</td>
<td>8.09</td>
<td>8.12</td>
</tr>
</tbody>
</table>
QAQC Checklist:

- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/6/22  Time: 10:00  Signature: [Signature]
PORT OF SAN DIEGO  
SHELTER ISLAND YACHT BASIN  
2022 Bacteria Special Study

FIELD WATER QUALITY DATA FORM

Station Identification: mcz-ml

Date: 5/6/22  
Time on Station: 0645

FIB SAMPLE TIME: 0645  
Water Depth: 5.0m

Tide (ft): 0.9  
Time of Slack High Tide: 23:58

Weather conditions: calm

Wind (mph)/direction: slight breeze S/SW  
Water Visibility (ft): 2.7m

Surface Water Conditions: calm, light ripple

Bird Enumeration: n = 0, no people

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

no surface debris/kelp

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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</table>
QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/6/22  Time: 10:00  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: **FP-N1**

Date: **06/26**  
(mm/dd/yyyy)  
Time on Station: **06:55**  
(hh:mm)

FIB SAMPLE TIME: **06:55**  
Water Depth: **4.5 m**

Tide (ft): **0.85**  
Time of Slack High Tide: **23:58**

Weather conditions: **calm, overcast**

Wind (mph)/direction: **light breeze, ENE**  
Water Visibility (ft): **2.3 m**

Surface Water Conditions: **calm**

Bird Enumeration: **0 = 0, 1 person on dock, 1 boat fueling**

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

bilge running on boat getting fuel

56 boats docked at FP - KB

Water Quality Measurements

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<tr>
<th>Time of Measurement</th>
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<td>06:58</td>
<td>18.7</td>
<td>34.51</td>
<td>8.02</td>
<td>7.15</td>
</tr>
</tbody>
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QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
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- Samples delivered within holding time requirements

Date: 5/6/22  Time: 10:00  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: OF-3-W1

Date: (mm/dd/yyyy) 06/22

FIB SAMPLE TIME: 0700

Tide (ft): 0.80+

Weather conditions: calm

Wind (mph)/direction: 0

Surface Water Conditions: calm

Time on Station: (hh:mm) 0700

Water Depth: 1.9 m

Time of Slack High Tide: 23:50

Water Visibility (ft): 2.4 m

Bird Enumeration: n=0, 1 person on dock

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

no surf, debris, no kelp

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<td>8.61</td>
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</tbody>
</table>
QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/4/22  Time: 10:00  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: 052-N1

Date: 07/06  Time on Station: 0720
(mm/dd/yyyy)                     (hh:mm)

FIB SAMPLE TIME: 0720  Water Depth: 0.3

Tide (ft): ~0.6  Time of Slack High Tide: 23:58

Weather conditions: calm, overcast

Wind (mph)/direction: light ~ 0-1kt  Water Visibility (ft): 0.3

Surface Water Conditions: calm

Bird Enumeration: no, 2 walkers

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

flow ~ 7-10 gpm  salinity 1.49 C outfall
18 inches above water line
no surface debris

Water Quality Measurements

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<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
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<th>pH</th>
<th>DO (mg/L)</th>
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<tr>
<td>0725</td>
<td>17.6</td>
<td>31.39</td>
<td>8.04</td>
<td>7.18</td>
</tr>
</tbody>
</table>
QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
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- Samples delivered within holding time requirements

Date: 5/6/22    Time: 10:00    Signature: [Signature]

PORT OF SAN DIEGO
SHELTER ISLAND YACHT BASIN
2022 Bacteria Special Study

FIELD WATER QUALITY DATA FORM
FIELD WATER QUALITY DATA FORM

Station Identification: BSW1 + BS-DWM-N1

Date: 5/6/22

Time on Station: 0755

FIB SAMPLE TIME: 0740 / 0741 (dup)

Water Depth: 0.3m

Tide (ft): ~0.55+

Time of Slack High Tide: 2355B

Weather conditions: calm, clearing slightly

Wind (mph)/direction: 0-2 knots south

Water Visibility (ft): 0.3

Surface Water Conditions: calm, some small bubbles on surface

Bird Enumeration: 1-0, no pe 1-1 walker on path

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

1 strand of feather boa
no visible flow from outfall
1 kelp on beach
2 strands of floating kelp 100' offshore

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
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<th>pH</th>
<th>DO (mg/L)</th>
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<tr>
<td>0744</td>
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<td>8.05</td>
<td>7.24</td>
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</tbody>
</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:

☐ Field data sheet completed, notable observations recorded
☐ Photos taken
☐ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
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☐ Samples delivered within holding time requirements

Date: 5/6/22  Time: 10:00  Signature: [Signature]

PORT OF SAN DIEGO
SHELTER ISLAND YACHT BASIN
2022 Bacteria Special Study
FIELD WATER QUALITY DATA FORM

Station Identification: 0F1-W1

Date: 5/6/22

Time on Station: 07:00

FIB SAMPLE TIME: 07:00

Water Depth: 0.3

Tide (ft): 0.5

Time of Slack High Tide: 13:58

Weather conditions: calm overcast

Wind (mph)/direction: 0

Water Visibility (ft): 71.8

Surface Water Conditions: calm

Bird Enumeration: 1

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

no kelp, no large algae

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<td>07:58</td>
<td>18.6</td>
<td>34.46</td>
<td>8.06</td>
<td>7.73</td>
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</tbody>
</table>
QAQC Checklist:

- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/16/22  Time: 10:00  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: 81-1-1-1

Date: 5/16/21  
(mm/dd/yyyy)  Time on Station: 0800  

FIB SAMPLE TIME: 0800  Water Depth: 3.6 m

Tide (ft): 0.5+  Time of Slack High 

Tide: 23:58

Weather conditions: calm

Wind (mph)/direction: 021° from north  Water Visibility (ft): 25

Surface Water Conditions: calm, no surf. debris

Bird Enumeration: 0 = 0, no birds

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

none

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
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<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<td>0802</td>
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</table>
PORT OF SAN DIEGO
SHELTER ISLAND YACHT BASIN
2022 Bacteria Special Study

FIELD WATER QUALITY DATA FORM

QAQC Checklist:

☑ Field data sheet completed, notable observations recorded
☑ Photos taken
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☑ Samples collected within 25 feet of target location? If not, please describe below.
☑ "Clean Hands" sampling techniques followed
☑ Samples sealed in secondary container (plastic bag) and immediately placed on ice
☑ COCs filled out and cross-checked with sample labels
☑ Samples delivered within holding time requirements

Date: 5/6/22  Time: 10:00  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: A1-2-W1
Date: 5/6/22
Time on Station: 0805
FIB SAMPLE TIME: 0805
Water Depth: 4.5 m
Tide (ft): 0.46
Time of Slack High Tide: 23:58
Weather conditions: calm overcast
Wind (mph)/direction: 12 ft south
Water Visibility (ft): 2.9 m
Surface Water Conditions: light ripples
Bird Enumeration: no fly, no peeps

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

one boat anchored 150' SW during sampling.

Water Quality Measurements

<table>
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<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
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<td>0807</td>
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</tbody>
</table>
QAQC Checklist:

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☑ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
☑ Samples collected within 25 feet of target location? If not, please describe below.
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☑ Samples sealed in secondary container (plastic bag) and immediately placed on ice
☑ COCs filled out and cross-checked with sample labels
☑ Samples delivered within holding time requirements

Date: 5/6/22  Time: 10:00  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: 41-3-W1

Date: 5/6/22

Time on Station: 0810

FIB SAMPLE TIME: 0810

Water Depth: 5.0 m

Tide (ft): 048

Time of Slack High Tide: 13:50

Weather conditions: calm

Wind (mph/direction): 0-<1kt souk

Water Visibility (ft): 3.2

Surface Water Conditions: calm, no debris

Bird Enumeration: n=0

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

n=1 and wind boat 200 ft sw

Water Quality Measurements

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<th>Time of Measurement</th>
<th>Temperature (°C)</th>
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<th>pH</th>
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<td>0814</td>
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<td>34.52</td>
<td>8.04</td>
<td>8.05</td>
</tr>
</tbody>
</table>
QAQC Checklist:

☑ Field data sheet completed, notable observations recorded
☑ Photos taken
☑ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
☑ Samples collected within 25 feet of target location? If not, please describe below.
☑ "Clean Hands" sampling techniques followed
☑ Samples sealed in secondary container (plastic bag) and immediately placed on ice
☑ COCs filled out and cross-checked with sample labels
☑ Samples delivered within holding time requirements

Date: 5/6/22  Time: 10:00  Signature: [Signature]
### FIELD WATER QUALITY DATA FORM

**Station Identification:** NK - W

**Date:** 5/16/22  
**Time on Station:** 0820

**FIB SAMPLE TIME:** 0820  
**Water Depth:** 0.6 m

**Tide (ft):** 0.46  
**Time of Slack High Tide:** 13:58

**Weather conditions:** calm, overcast

**Wind (mph)/direction:** 0 - 1 kt (South)  
**Water Visibility (ft):**

**Surface Water Conditions:** calm, light ripple, no debris

**Bird Enumeration:** 0 - 0, 1 beach walker

**Other Notes:** including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

/ small strand kelp on beach, 1 wakeman

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### Water Quality Measurements

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<th>Time of Measurement</th>
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<tr>
<td>0825</td>
<td>18.6</td>
<td>34.52</td>
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<td>8.12</td>
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</tbody>
</table>
QAQC Checklist:
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- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/6/22   Time: 10:00   Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: KB-W1

Date: 5/6/22

Time on Station: 0830

FIB SAMPLE TIME: 0830

Water Depth: 0.6

Tide (ft): 0.5

Time of Slack High Tide: 23:58

Weather conditions: calm, light wind, partly cloudy

Wind (mph)/direction: 12 knots south

Water Visibility (ft): 0.6

Surface Water Conditions: visible

Bird Enumeration: 0-1, 5 persons/5 days on beach

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

filamentous green algae in nearshore

Water Quality Measurements

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<tbody>
<tr>
<td>0830</td>
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<td>8.33</td>
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</tbody>
</table>
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☑ COCs filled out and cross-checked with sample labels
☑ Samples delivered within holding time requirements

Date: 5/6/22   Time: 10:00   Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: REFL - WKA

Date: 05/07/22

Time on Station: 06:20

FIB SAMPLE TIME: 06:25

Water Depth: 18.4

Tide (ft): 1.5

Time of Slack High Tide: 00:48

Weather conditions: Wind 7-8KT (South) overcast

Wind (mph)/direction: 7-8KT (S)

Water Visibility (ft): 2.5

Surface Water Conditions: Light chop, no debris

Bird Enumeration: 0 = 0

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

None

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>06:28</td>
<td>19.2</td>
<td>34.26</td>
<td>7.97</td>
<td>8.14</td>
</tr>
</tbody>
</table>
QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/7/22   Time: 10:30   Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: A1 - 1 - R1 - HK01

Date: 5/7/22  
Time on Station: 0640

FIB SAMPLE TIME: 0640  
Water Depth: 3.9 m

Tide (ft): 1.5 +  
Time of Slack High Tide: 00:48

Weather conditions: overcast (cool)

Wind (mph)/direction: 5K (south)  
Water Visibility (ft): 2.45 m

Surface Water Conditions: light surface ripple

Bird Enumeration: 1 - 0

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

n = 17 vessels on anchors  n. bags observed

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0645</td>
<td>17.1</td>
<td>39.48</td>
<td>8.05</td>
<td>8.16</td>
</tr>
</tbody>
</table>
QAQC Checklist:

☑ Field data sheet completed, notable observations recorded
☑ Photos taken
☑ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
☑ Samples collected within 25 feet of target location? If not, please describe below.
☑ "Clean Hands" sampling techniques followed
☑ Samples sealed in secondary container (plastic bag) and immediately placed on ice
☑ COCs filled out and cross-checked with sample labels
☑ Samples delivered within holding time requirements

Date: 5/7/22 Time: 10:30 Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: A/2-R 2-WK02

Date: 5/7/22

Time on Station: 0645

FIB SAMPLE TIME: 0650

Water Depth: 5.0

Tide (ft): 1.5

Time of Slack High Tide: 00:18

Weather conditions: current, cool

Wind (mph)/direction: 5K,(S)

Water Visibility (ft): 2.9

Surface Water Conditions: no debris, light

Bird Enumeration: n = 0

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

none (n = 17 boats @ anchor) no dogs observed

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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</thead>
<tbody>
<tr>
<td>0650</td>
<td>19.0</td>
<td>34.45</td>
<td>8.05</td>
<td>8.15</td>
</tr>
</tbody>
</table>
QAQC Checklist:

☑ Field data sheet completed, notable observations recorded
☐ Photos taken
☑ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
☐ Samples collected within 25 feet of target location? If not, please describe below.
☐ "Clean Hands" sampling techniques followed
☐ Samples sealed in secondary container (plastic bag) and immediately placed on ice
☑ COCs filled out and cross-checked with sample labels
☑ Samples delivered within holding time requirements

Date: 5/7/22    Time: 10:30    Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: A1-3-R1-1H31 + BWR

Date: 5/7/22

Time on Station: 0655

FIB SAMPLE TIME: 0655 / 0656

Water Depth: 5.3

Tide (ft): 1.4

Time of Slack High Tide: 00:48

Weather conditions: overcast, cool

Wind (mph)/direction: 3.5 KD

Water Visibility (ft): 2.4

Surface Water Conditions: no debris

Bird Enumeration: none

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

a: 17 boats @ anchor, no dys observed

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0700</td>
<td>17.2</td>
<td>34.88</td>
<td>8.05</td>
<td>8.02</td>
</tr>
</tbody>
</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
☑ Field data sheet completed, notable observations recorded
☑ Photos taken
☑ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
☑ Samples collected within 25 feet of target location? If not, please describe below.
☑ "Clean Hands" sampling techniques followed
☑ Samples sealed in secondary container (plastic bag) and immediately placed on ice
☑ COCs filled out and cross-checked with sample labels
☑ Samples delivered within holding time requirements

Date: 5/7/22    Time: 10:30    Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: A1-1-R2

Date: 5/7/22

Time on Station: 0740

FIB SAMPLE TIME: 0740

Water Depth: 3.8

Tide (ft): 1.8

Time of Slack High Tide: 00:48

Weather conditions: calm overcast

Wind (mph)/direction: 3kt (S)

Water Visibility (ft): 3.0

Surface Water Conditions: light ripples, no debris visible

Bird Enumeration: n/a

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

none / 114 boats, no dogs

---

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<tbody>
<tr>
<td>0742</td>
<td>19.0</td>
<td>34.44</td>
<td>8.11</td>
<td>8.13</td>
</tr>
</tbody>
</table>
QAQC Checklist:
☑ Field data sheet completed, notable observations recorded
☑ Photos taken
☑ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
☑ Samples collected within 25 feet of target location? If not, please describe below.
☑ “Clean Hands” sampling techniques followed
☑ Samples sealed in secondary container (plastic bag) and immediately placed on ice
☑ COCs filled out and cross-checked with sample labels
☑ Samples delivered within holding time requirements

Date: 5/7/22          Time: 10:30          Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: A1-2-K2

Date: 5/7/22

Time on Station: 07:45

FIB SAMPLE TIME: 07:45

Water Depth: 5.0

Tide (ft): 1.0

Weather conditions: overcast, calm

Time of Slack High Tide: 00:48

Wind (mph)/direction: 1-2 kts (S)

Water Visibility (ft): 2.95

Surface Water Conditions: calm

Bird Enumeration: N=1

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

17 boats, 10 dogs

1 Kayaker, 2 persons on deck, one crying baby.

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:49</td>
<td>19.0</td>
<td>34.50</td>
<td>8.08</td>
<td>8.14</td>
</tr>
</tbody>
</table>
QAQC Checklist:
☑ Field data sheet completed, notable observations recorded
☐ Photos taken
☐ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
☑ Samples collected within 25 feet of target location? If not, please describe below.
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☐ Samples sealed in secondary container (plastic bag) and immediately placed on ice
☑ COCs filled out and cross-checked with sample labels
☑ Samples delivered within holding time requirements

Date: 5/7/22 Time: 10:30 Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: A1-3-K2

Date: 5/9/22

Time on Station: 0755

FIB SAMPLE TIME: 0755

Water Depth: 5.1

Tide (ft): 0.8

Time of Slack High Tide: 00:48

Weather conditions: calm, overcast

Wind (mph)/direction: 0-1 kts (S)

Water Visibility (ft): 3.3

Surface Water Conditions: calm, smooth

Bird Enumeration: N=0

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

- 20 boats; 6 people upside

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<tr>
<td>0757</td>
<td>19.1</td>
<td>34.53</td>
<td>8.08</td>
<td>8.04</td>
</tr>
</tbody>
</table>
QAQC Checklist:
☑ Field data sheet completed, notable observations recorded
☑ Photos taken
☑ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
☑ Samples collected within 25 feet of target location? If not, please describe below.
☑ “Clean Hands” sampling techniques followed
☑ Samples sealed in secondary container (plastic bag) and immediately placed on ice
☑ COCs filled out and cross-checked with sample labels
☑ Samples delivered within holding time requirements

Date: 5/7/22 Time: 10:30 Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: 57-1-R3-WKD 1

Date: 5/7/22  
Time on Station: 07:40

FIB SAMPLE TIME: 07:40  
Water Depth: 3.7

Tide (ft): 0.64  
Time of Slack High Tide: 20:48

Weather conditions: overcast

Wind (mph)/direction: 7.5 (S)  
Water Visibility (ft): 2.4

Surface Water Conditions: no debris, light wind

Bird Enumeration: 0

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

2 paddle board @ Crescent St.

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<tr>
<td>07:45</td>
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<td>34.46</td>
<td>8.14</td>
<td>8.18</td>
</tr>
</tbody>
</table>
PORT OF SAN DIEGO
SHELTER ISLAND YACHT BASIN
2022 Bacteria Special Study

FIELD WATER QUALITY DATA FORM

QAQC Checklist:

☐ Field data sheet completed, notable observations recorded
☐ Photos taken
☐ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
☒ Samples collected within 25 feet of target location? If not, please describe below.
☐ “Clean Hands” sampling techniques followed
☐ Samples sealed in secondary container (plastic bag) and immediately placed on ice
☒ COCs filled out and cross-checked with sample labels
☒ Samples delivered within holding time requirements

Date: 5/7/22 Time: 10:30 Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: A1-2-23-WCD1

Date: 5/7/22  Time on Station: 0850
(Fm/dd/yyyy)  

FIB SAMPLE TIME: 0850  Water Depth: 4.5

Tide (ft): +0.5  Time of Slack High Tide: 10:48

Weather conditions: overcast, light breeze

Wind (mph)/direction: 7-10 (S)  Water Visibility (ft): 2.8

Surface Water Conditions: light ripples, no debris

Bird Enumeration: n=9

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

no topside scums noticed

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0852</td>
<td>19.0</td>
<td>34.31</td>
<td>8.12</td>
<td>8.22</td>
</tr>
</tbody>
</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/7/22   Time: 10:30   Signature: [Signature]
PORT OF SAN DIEGO
SHELTER ISLAND YACHT BASIN
2022 Bacteria Special Study

FIELD WATER QUALITY DATA FORM

Station Identification: A1-3-23-44ED-1

Date: 5/7/22

Time on Station: 0855

FIB SAMPLE TIME: 0855

Water Depth: 4.9 m

Tide (ft): 0.5+

Time of Slack High Tide: 00:48

Weather conditions: rain, overcast

Wind (mph)/direction: 4/14 (S)

Water Visibility (ft): 3.3

Surface Water Conditions: no debris visible, light wind

Bird Enumeration: n/a

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

3 sachle board, 1 kayak, no bags

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<tbody>
<tr>
<td>0858</td>
<td>17.2</td>
<td>34.54</td>
<td>8.11</td>
<td>8.06</td>
</tr>
</tbody>
</table>
QAQC Checklist:

- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/7/22  Time: 10:30  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: 052-DW-1

Date: 5/7/22

Time on Station: 07:05

FIB SAMPLE TIME: 07:20

Water Depth: 0.3

Tide (ft): 1 ft

Time of Slack High Tide: 00:48

Weather conditions: overcast, cool

Wind (mph)/direction: 1-2 ft (S)

Water Visibility (ft): >2 ft

Surface Water Conditions: calm

Bird Enumeration: n=0

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

dry weather flow ~ 2 gal/min

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0715 (drift)</td>
<td>17.7</td>
<td>3.28</td>
<td>8.48</td>
<td>9.44</td>
</tr>
<tr>
<td>0720 (raw)</td>
<td>19.1</td>
<td>33.80</td>
<td>8.02</td>
<td>7.45</td>
</tr>
</tbody>
</table>
QAQC Checklist:
☑ Field data sheet completed, notable observations recorded
☑ Photos taken
☑ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
☑ Samples collected within 25 feet of target location? If not, please describe below.
☑ “Clean Hands” sampling techniques followed
☑ Samples sealed in secondary container (plastic bag) and immediately placed on ice
☑ COCs filled out and cross-checked with sample labels
☑ Samples delivered within holding time requirements

Date: 5/7/22    Time: 10:50    Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: REF 1 - 54

Date: 5/14/22

Time on Station: 0755

FIB SAMPLE TIME: 0715

Water Depth: 01.2

Tide (ft): ~ 30 +

Time of Slack High Tide: 0518

Weather conditions: calm, sunny ~ 62°

Wind (mph)/direction: 0

Water Visibility (ft): 2.3

Surface Water Conditions: calm

Bird Enumeration: n = 0

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

n = 0, no surface debris, n = 21 boats E and NE

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0755</td>
<td>18.5</td>
<td>34.20</td>
<td>8.06</td>
<td>7.83</td>
</tr>
</tbody>
</table>
QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/10/22  Time: 12:30  Signature: [signature]
FIELD WATER QUALITY DATA FORM

Station Identification: MI-1-RI-5H

Date: 5/10/12
(mm/dd/yyyy) 08/3
Time on Station: Water Depth: 4.3 ft
(hh:mm) 05:18

FIB SAMPLE TIME: 08:15

Tide (ft): +3.0
Weather conditions: calm, sunny

Wind (mph)/direction: 0

Surface Water Conditions: calm, flat

Water Visibility (ft): 2.8 m

Time of Slack High Tide: 05:18

Bird Enumeration: N=0, 1 person upside, Ø=dogs

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

no surface debris, a few loose strands of kelp
1221 boats @ anchor

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>08/16</td>
<td>19.2</td>
<td>34.49</td>
<td>8.11</td>
<td>7.85</td>
</tr>
</tbody>
</table>
QAQC Checklist:
☑ Field data sheet completed, notable observations recorded
☑ Photos taken
☑ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
☑ Samples collected within 25 feet of target location? If not, please describe below.
☑ "Clean Hands" sampling techniques followed
☑ Samples sealed in secondary container (plastic bag) and immediately placed on ice
☑ COCs filled out and cross-checked with sample labels
☑ Samples delivered within holding time requirements

Date: 5/10/22  Time: 12:30  Signature: [signature]
FIELD WATER QUALITY DATA FORM

Station Identification: 91-2-R1-54

Date: 5/10/22
Time on Station: 0820

FIB SAMPLE TIME: 0820
Water Depth: 5.0

Tide (ft): ~2.9 ft
Time of Slack High Tide: 0518

Weather conditions: sunny, calm

Wind (mph)/direction: ☀️
Water Visibility (ft): 2.6

Surface Water Conditions: calm

Bird Enumeration:

n = 0, n = 3 eels upside, n = 0 ducks

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

n = 1 paddleboarder, n = 21 boats @ anchor

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0821</td>
<td>19.2</td>
<td>34.54</td>
<td>8.11</td>
<td>7.90</td>
</tr>
</tbody>
</table>
QAQC Checklist:
☐ Field data sheet completed, notable observations recorded
☐ Photos taken
☐ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
☐ Samples collected within 25 feet of target location? If not, please describe below.
☐ "Clean Hands" sampling techniques followed
☐ Samples sealed in secondary container (plastic bag) and immediately placed on ice
☐ COCs filled out and cross-checked with sample labels
☐ Samples delivered within holding time requirements

Date: 5/10/22   Time: 12:30   Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: A1-3-R1-SH-DEP

Date: 5/10
(time:mm/dd/yyyy) Time on Station: 0827 (hh:mm)

FIB SAMPLE TIME: 0830 08:31

Water Depth: 5.5

Tide (ft): -2.8 Time of Slack High Tide: 0518

Weather conditions: sunny, calm

Wind (mph)/direction: 0-<1kt (E) Water Visibility (ft): 2.5

Surface Water Conditions: calm

Bird Enumeration: no

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

no surface debris 1=21 boats @ anchor

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:22</td>
<td>19.4</td>
<td>34.56</td>
<td>8.11</td>
<td>7.8</td>
</tr>
</tbody>
</table>
QAQC Checklist:
☑ Field data sheet completed, notable observations recorded
☑ Photos taken
☑ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
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☑ Samples sealed in secondary container (plastic bag) and immediately placed on ice
☑ COCs filled out and cross-checked with sample labels
☑ Samples delivered within holding time requirements

Date: 5/10/22  Time: 12:30  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: 41.1-R2-S4

Date: 5/10/22
(mm/dd/yyyy)

Time on Station: 0915
(hh:mm)

FIB SAMPLE TIME: 0915

Water Depth: 4.0 m

Tide (ft): 1.8

Time of Slack High Tide: 0518

Weather conditions: Sunny Calm

Wind (mph)/direction: 1-3 (NW)

Water Visibility (ft): 2.3 m

Surface Water Conditions: Light

Bird Enumeration: 0 birds, 2 ducks, 1-0 people on

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

No surface debris.

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0722</td>
<td>19.4</td>
<td>34.60</td>
<td>8.18</td>
<td>7.90</td>
</tr>
</tbody>
</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:

☑ Field data sheet completed, notable observations recorded
☑ Photos taken
☑ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
☑ Samples collected within 25 feet of target location? If not, please describe below.
☑ “Clean Hands” sampling techniques followed
☑ Samples sealed in secondary container (plastic bag) and immediately placed on ice
☑ COCs filled out and cross-checked with sample labels
☑ Samples delivered within holding time requirements

Date: 5/10/22 Time: 12:30 Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: AQ-2-KZ-SH

Date: 07/10/22

Time on Station: 0925

FIB SAMPLE TIME: 0925

Water Depth: 4.8

Tide (ft): 10.84

Time of Slack High Tide: 0518

Weather conditions: sunny, calm

Wind (mph)/direction: 1-2 kts (NW)

Water Visibility (ft): 2.5

Surface Water Conditions: light breeze, some bubbles

Bird Enumeration: n=0, n=3 people on dock n=2 dogs

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

Few small bubbles on surface

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0926</td>
<td>19.4</td>
<td>34.59</td>
<td>8.13</td>
<td>7.92</td>
</tr>
</tbody>
</table>
QAQC Checklist:

☑ Field data sheet completed, notable observations recorded
☑ Photos taken
☑ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
☑ Samples collected within 25 feet of target location? If not, please describe below.
☑ "Clean Hands" sampling techniques followed
☑ Samples sealed in secondary container (plastic bag) and immediately placed on ice
☑ COCs filled out and cross-checked with sample labels
☑ Samples delivered within holding time requirements

Date: 5/10/22  Time: 12:30  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: 41-7-22-54

Date: 5/8/22

Time on Station: 0930

FIB SAMPLE TIME: 0930

Water Depth: 2.8 m, 5.3 m

Tide (ft): +0.6, +1.8

Time of Slack High Tide: 0518

Weather conditions: sunny, light breeze

Wind (mph)/direction: 2-4 MPH, SW

Water Visibility (ft): 2.8

Surface Water Conditions: light texture, no visible debris

Bird Enumeration: 1 bird, 1 paddle board, n=2 birds, n=5 people

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

1 diver C SDYC C at dock
1 boat cleaning inside SDYC port

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<tr>
<td>0935</td>
<td>17.4</td>
<td>34.61</td>
<td>8.12</td>
<td>7.86</td>
</tr>
</tbody>
</table>
QAQC Checklist:

☑ Field data sheet completed, notable observations recorded
☑ Photos taken
☑ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
☑ Samples collected within 25 feet of target location? If not, please describe below.
☑ “Clean Hands” sampling techniques followed
☑ Samples sealed in secondary container (plastic bag) and immediately placed on ice
☑ COCs filled out and cross-checked with sample labels
☑ Samples delivered within holding time requirements

Date: 5/10/22  Time: 12:30  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: OF2-DW-2

Date: 5/10/22
(mm/dd/yyyy)

Time on Station: 0945
(hh:mm)

FIB SAMPLE TIME: 0945

Water Depth: 0.3 m

Tide (ft): -1.57

Weather conditions: sunny, calm, slight breeze

Wind (mph)/direction: 1-2 kts NW

Surface Water Conditions: mostly calm

Time of Slack High Tide: 0518

Water Visibility (ft): N/A

Bird Enumeration: 120 SpaceX & 3 dogs (on bayside beach)

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

flow ~ 2 gpm

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0915 (sp)</td>
<td>17.3</td>
<td>0.68</td>
<td>8.81</td>
<td>9.47</td>
</tr>
<tr>
<td>0950 (run)</td>
<td>19.4</td>
<td>34.44</td>
<td>8.05</td>
<td>6.87</td>
</tr>
</tbody>
</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/10/22  Time: 12:30  Signature: [Signature]
**FIELD WATER QUALITY DATA FORM**

Station Identification: A1-1-R3-54

Date: 5/10/22

Time on Station: 08:12

FIB SAMPLE TIME: 10:15

Water Depth: 3.6 ft

Tide (ft): 1.2 ft

Time of Slack High Tide: 05:18

Weather conditions: Sunny, light breeze

Wind (mph)/direction: 2-4 mph

Water Visibility (ft): 2 ft

Surface Water Conditions: Light ripples, no visible debris

Bird Enumeration: n=0, n=1 deg, no people

**Other Notes:** including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

no surface debris

**Water Quality Measurements**

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:17</td>
<td>19.7</td>
<td>34.62</td>
<td>8.14</td>
<td>7.7</td>
</tr>
</tbody>
</table>
QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/10/22  Time: 12:30  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: A1-Z-R3-SH

Date: 5/10/22

Time on Station: 10:20

FIB SAMPLE TIME: 10:20

Water Depth: 4.6 ft

Tide (ft): NW

Time of Slack High Tide: 05:18

Weather conditions: sunny, light breeze

Wind (mph)/direction: 2-3 mph NW

Water Visibility (ft): 2.5

Surface Water Conditions: light tide

Bird Enumeration: 0

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

a few surface bubbles present

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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</thead>
<tbody>
<tr>
<td>10:24</td>
<td>19.6</td>
<td>34.63</td>
<td>8.12</td>
<td>7.91</td>
</tr>
</tbody>
</table>
QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/10/22    Time: 12:30    Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: A1-3-R3-SH

Date: 05/10/2022

Time on Station: 10:30

FIB SAMPLE TIME: 10:30

Water Depth: 5.0 m

Tide (ft): +1.0

Time of Slack High Tide: 05:18 am

Weather conditions: Sunny, light breeze

Wind (mph)/direction: 2-4 WNW

Water Visibility (ft): 2.9

Surface Water Conditions: Light texture

Bird Enumeration: 0

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

2 people topside, 2 dogs on vessels w/in anchorage

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:35</td>
<td>19.6</td>
<td>34.64</td>
<td>8.12</td>
<td>7.83</td>
</tr>
</tbody>
</table>
QAQC Checklist:

☑ Field data sheet completed, notable observations recorded
☑ Photos taken
☑ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
☑ Samples collected within 25 feet of target location? If not, please describe below.
☑ "Clean Hands" sampling techniques followed
☑ Samples sealed in secondary container (plastic bag) and immediately placed on ice
☑ COCs filled out and cross-checked with sample labels
☑ Samples delivered within holding time requirements

Date: 5/10/22  Time: 12:30  Signature: [Signature]
### Field Water Quality Data Form

**Station Identification:** REF-1-W2

<table>
<thead>
<tr>
<th>Date (mm/dd/yyyy)</th>
<th>Time on Station (hh:mm)</th>
<th>Water Depth</th>
<th>Time of Slack High Tide</th>
<th>Water Visibility (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/13/22</td>
<td>0730</td>
<td>20.9</td>
<td>0802</td>
<td>3.7</td>
</tr>
</tbody>
</table>

**Tide (ft):** 4.6

**Weather conditions:** sunny, calm

**Wind (mph)/direction:** calm, <1 kt

**Surface Water Conditions:** calm

**Weather conditions:** calm, <1 kt

**Bird Enumeration:** N=0

### Other Notes:
including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

*no significant surface debris*

### Water Quality Measurements:

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>075</td>
<td>16.2</td>
<td>33.26</td>
<td>7.89</td>
<td>6.22</td>
</tr>
</tbody>
</table>
QAQC Checklist:

- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/13/22  Time: 12:30  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: A1-1-WC

Date: 5/3/22  Time on Station: 08:15
    (mm/dd/yyyy)            (hh:mm)

FIB SAMPLE TIME: 08:15  Water Depth: 4.8 m

Tide (ft): +4.10  Time of Slack High Tide: 08:02

Weather conditions: calm, sunny

Wind (mph)/direction: 0

Water Visibility (ft): 2.7

Surface Water Conditions: calm

Bird Enumeration: 0/20  [1 dog on beach, 6 eels]

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

3 paddleboards ➔ SWYC

n = 3 anchored boats

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:15</td>
<td>17.7</td>
<td>33.66</td>
<td>7.98</td>
<td>6.50</td>
</tr>
</tbody>
</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/13/22  Time: 12:30  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: A1-2-W2

Date: 5/13/22

Time on Station: 0829

FIB SAMPLE TIME: 0825

Water Depth: 5.5 m

Tide (ft): 4.5

Time of Slack High Tide: 0802

Weather conditions: sunny, calm

Wind (mph)/direction: <1 kt (east)

Water Visibility (ft): 28

Surface Water Conditions: calm, n. light breeze

Bird Enumeration: 120 (seagulls)

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

n = 3 boats Condor, 3 prone paddleboards
1 standup

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0827</td>
<td>17.7</td>
<td>33.69</td>
<td>8.01</td>
<td>6.58</td>
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</tbody>
</table>
QAQC Checklist:
✓ Field data sheet completed, notable observations recorded
✓ Photos taken
✓ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
✓ Samples collected within 25 feet of target location? If not, please describe below.
✓ "Clean Hands" sampling techniques followed
✓ Samples sealed in secondary container (plastic bag) and immediately placed on ice
✓ COCs filled out and cross-checked with sample labels
✓ Samples delivered within holding time requirements

Date: 5/13/22  Time: 12:30  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: 41-3-W2

Date: 5/13/22

Time on Station: 0830

FIB SAMPLE TIME: 0830

Water Depth: 5.9

Tide (ft): 4.5

Time of Slack High Tide: 0802

Weather conditions: Sunny, Calm

Wind (mph)/direction: 29(e)

Water Visibility (ft): 2-6

Surface Water Conditions: Calm, light surface debris (dust)

Bird Enumeration: 1=0, 0=dogs

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

2 people on deck

1 paddle board

n = 3 boat anchors

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0834</td>
<td>17.8</td>
<td>33.73</td>
<td>8.02</td>
<td>6.74</td>
</tr>
</tbody>
</table>
QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/13/22  Time: 12:30  Signature: [signature]
FIELD WATER QUALITY DATA FORM

Station Identification: OF1-W2

Date: 5/13/22

Time on Station: 0837

FIB SAMPLE TIME: 0840

Water Depth: 0.3

Tide (ft): 2.9

Time of Slack High Tide: 0802

Weather conditions: calm, sunny

Wind (mph)/direction: none

Water Visibility (ft): 0.3

Surface Water Conditions: calm, dust moderate on surface

Bird Enumeration: n=1 (gull)

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

125 people on path

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<tbody>
<tr>
<td>0844</td>
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<td>6.42</td>
</tr>
</tbody>
</table>
QAQC Checklist:
✓ Field data sheet completed, notable observations recorded
✓ Photos taken
✓ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
✓ Samples collected within 25 feet of target location? If not, please describe below.
✓ "Clean Hands" sampling techniques followed
✓ Samples sealed in secondary container (plastic bag) and immediately placed on ice
✓ COCs filled out and cross-checked with sample labels
✓ Samples delivered within holding time requirements

Date: 5/13/22    Time: 12:30    Signature: [Signature]
Port of San Diego  
Shelter Island Yacht Basin  
2022 Bacteria Special Study

Field Water Quality Data Form

Station Identification: 85-W2  
Date: 5/13/22  
Time on Station: 0848  
FIB Sample Time: 0850  
Water Depth: 0.6 (2ft)

Tide (ft): 4.3  
Time of Slack High Tide: 0802  
Weather Conditions: Calm, Sunny  
Wind (mph)/Direction: None  
Water Visibility (ft): > 0.5  
Surface Water Conditions: Light to Moderate Surface Film/Dust  
Bird Enumeration: N=0, Digs=6

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

1: 4 people on path, none on beach

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0853</td>
<td>18.1</td>
<td>23.76</td>
<td>8.63</td>
<td>6.05</td>
</tr>
</tbody>
</table>
QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/13/22 Time: 12:30 Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: 012-412
Date: 5/13/22
Time on Station: 0908
FIB SAMPLE TIME: 0900
Water Depth: 8.3
Tide (ft): 4.2
Time of Slack High Tide: 0802
Weather conditions: sunny, calm
Wind (mph)/direction: 0
Water Visibility (ft): 21.0
Surface Water Conditions: calm, some surface dust/debris/pollen

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

n=6 people in path

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0902</td>
<td>17.8</td>
<td>32.76</td>
<td>8.02</td>
<td>6.15</td>
</tr>
</tbody>
</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/13/22    Time: 12:30    Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: 0F3-W2

Date: 5/13/22

Time on Station: 0915

FIB SAMPLE TIME: 0915

Water Depth: 3.0

Tide (ft): 4.1

Time of Slack High Tide: 0802

Weather conditions: calm, sunny

Wind (mph)/direction: 0 - 1

Water Visibility (ft): 2.1

Surface Water Conditions: calm, moderate surface film

Bird Enumeration: N=0

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

parked on outside dock, 1 person on dock

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0917</td>
<td>18.1</td>
<td>32.88</td>
<td>8.01</td>
<td>2.549</td>
</tr>
</tbody>
</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/13/22    Time: 12:30    Signature: [Signature]
PORT OF SAN DIEGO  
SHELTER ISLAND YACHT BASIN  
2022 Bacteria Special Study

FIELD WATER QUALITY DATA FORM

Station Identification: 1F9-W2

Date: 5/13/22

FIB SAMPLE TIME: 0825

Time on Station: 0925

Water Depth: 5.14

Tide (ft): ~4.67

Weather conditions: sunny, calm

Wind (mph)/direction: 1kt (east)

Water Visibility (ft): 2.5

Surface Water Conditions: calm, light surface sheen

Bird Enumeration: n=0

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

2 people, 1 boat fueling

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0930</td>
<td>18.1</td>
<td>33.86</td>
<td>7.98</td>
<td>5.67</td>
</tr>
</tbody>
</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:

✔ Field data sheet completed, notable observations recorded
✔ Photos taken
✔ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
✔ Samples collected within 25 feet of target location? If not, please describe below.
✔ “Clean Hands” sampling techniques followed
✔ Samples sealed in secondary container (plastic bag) and immediately placed on ice
✔ COCs filled out and cross-checked with sample labels
✔ Samples delivered within holding time requirements

Date: 5/12/22    Time: 12:20    Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: 09C2-W2

Date: 03/13/22

Time on Station: 08:35

FIB SAMPLE TIME: 08:35

Water Depth: 5.7m

Tide (ft): ~ 4.0 +

Time of Slack High Tide: 08:02

Weather conditions: sunny, calm

Wind (mph)/direction: < 1 kt

Water Visibility (ft): 2.5m

Surface Water Conditions: calm

Bird Enumeration: N=0

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

no surface debris, 1 person on paddleboard

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0938</td>
<td>18.1</td>
<td>33.81</td>
<td>8.06</td>
<td>6.41</td>
</tr>
</tbody>
</table>
QAQC Checklist:

- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
  - "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/13/22  Time: 12:30  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: MCl-W2
Date: (mm/dd/yyyy) 5/13/22
FIB SAMPLE TIME: 0945
Time on Station: (hh:mm) 0945
Water Depth: 6.1m

Tide (ft): ~4.0 ft
Weather conditions: calm, sunny

Wind (mph)/direction: <1kt

Surface Water Conditions: calm

Time of Slack High Tide: 0802
Water Visibility (ft): 2.9m

Bird Enumeration: N=0

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

2 paddle boarders, 2 vessels underway

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<tbody>
<tr>
<td>0945</td>
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<td>7.25</td>
</tr>
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</table>
QAQC Checklist:

- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- EOCS filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/13/22     Time: 12:30     Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: **NK-W2**

Date: 5/13/22

Time on Station: 0955

FIB SAMPLE TIME: 0955

Water Depth: 0.1m

Tide (ft): **3.9**

Time of Slack High Tide: 0802

Weather conditions: sunny, calm

Wind (mph)/direction: **21/kt**

Water Visibility (ft): > 0.1m

Surface Water Conditions: calm, some bubbles

Bird Enumeration: 120

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

*5 people on beach (1 Ashburn @ sample point)
1 dog*

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0958</td>
<td>19.5</td>
<td>33.81</td>
<td>8.04</td>
<td>7.05</td>
</tr>
</tbody>
</table>
FIEL D WA TER QUALITY DATA FORM

QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/13/22  Time: 12:30  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: K8-W2

Date: 5/13/22

Time on Station: 1000

FIB SAMPLE TIME: 1000

Water Depth: 0.2

Tide (ft): 3.9+

Time of Slack High Tide: 0802

Weather conditions: sunny, calm

Wind (mph)/direction: <1 k+

Water Visibility (ft): <0.2

Surface Water Conditions: calm, minor debris, bubbles

Bird Enumeration: n=0, 1 dog

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

n = 13 people 1 dog

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1004</td>
<td>18.8</td>
<td>33.92</td>
<td>8.06</td>
<td>7.10</td>
</tr>
</tbody>
</table>
QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- “Clean Hands” sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/13/22   Time: 12:30   Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: 6D-W2

Date: 5/13/22

Time on Station: 10:10

FIB SAMPLE TIME: 18:10

Water Depth: 6.8 m

Tide (ft): ±3.9

Time of Slack High Tide: 08:02

Weather conditions: sunny, calm

Wind (mph)/direction: 6

Water Visibility (ft): 3.7

Surface Water Conditions: calm, light surface sheen, dust

Bird Enumeration: 10

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

3 persons on docks

drifted up entire period

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<tbody>
<tr>
<td>10:12</td>
<td>17.8</td>
<td>33.88</td>
<td>8.04</td>
<td>6.71</td>
</tr>
</tbody>
</table>
QAQC Checklist:

- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/13/22  Time: 14:30  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: **KE-W2 + KE-W2-DUP**

Date: **5/13/22**

Time on Station: **10:16**

FIB SAMPLE TIME: **10/14/2018**

Water Depth: **0.5 m**

Tide (ft): **3.8**

Time of Slack High Tide: **08:02**

Weather conditions: **Sunny, light breeze**

Wind (mph)/direction: **< 1 kt (W)**

Water Visibility (ft): **< 0.5**

Surface Water Conditions: **Calm, no surface debris**

Bird Enumeration: **1 = 0**

**Other Notes:** including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

/ person on beach

**Water Quality Measurements**

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:20</td>
<td>18.3</td>
<td>33.86</td>
<td>8.05</td>
<td>Error (Neg)</td>
</tr>
</tbody>
</table>

4.12
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/13/22  Time: 1230  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: REF-1-W3

Date: 5/20/22

Time on Station: 0550

FIB SAMPLE TIME: 0555

Water Depth: 20.0

Tide (ft): 0.2

Time of Slack High Tide: 00:14

Weather conditions: Breezy, overcast, light drizzle

Wind (mph)/direction: South 12-15k

Water Visibility (ft): 3.5

Surface Water Conditions: Light-moderate

Bird Enumeration: 1-0, 0 people, birds, dry

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

Some seawater bubbles

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0600</td>
<td>15.5</td>
<td>33.51</td>
<td>7.85</td>
<td>7.68</td>
</tr>
</tbody>
</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/20/22  Time: 11:00  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: GD-WJ

Date: (mm/dd/yyyy) 5/20/22

Time on Station: (hh:mm) 0604

FIB SAMPLE TIME: 0605

Water Depth: 6.0 m

Tide (ft): 0.2

Time of Slack High Tide: 0014

Weather conditions: overcast

Wind (mph)/direction: (5)ESE

Water Visibility (ft): 3.1

Surface Water Conditions: no debris, light wind

Bird Enumeration: n=20, no peeps, no dogs

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wreck, floatable material):

~20 vessel docked

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<tbody>
<tr>
<td>0610</td>
<td>18.0</td>
<td>33.64</td>
<td>7.91</td>
<td>7.81</td>
</tr>
</tbody>
</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/20/22   Time: 11:00   Signature: [signature]

PORT OF SAN DIEGO
SHELTER ISLAND YACHT BASIN
2022 Bacteria Special Study
**FIELD WATER QUALITY DATA FORM**

**Station Identification:** KK 413

**Date:** 5/20/22

**Time on Station:** 0615

**FIB SAMPLE TIME:** 0615

**Tide (ft):** 0.0

**Weather conditions:** GREY/overcast

**Wind (mph)/direction:** SOUTH 23

**Surface Water Conditions:** Light surface ripples, no debris

**Bird Enumeration:** none

**Water Visibility (ft):** > 0.3

**Time of Slack High Tide:** 02:14

**Water Depth:** 0.3

**Other Notes:** including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

none

**Water Quality Measurements**

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0620</td>
<td>17.9</td>
<td>23.62</td>
<td>7.74</td>
<td>6.97</td>
</tr>
</tbody>
</table>
QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/20/22  Time: 11:00  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: MC-1-4-8

Date: 5/20/22

Time on Station: 0630

FIB SAMPLE TIME: 0630

Water Depth: 5.1

Tide (ft): 0.0

Time of Slack High Tide: 00:14

Weather conditions: overcast, grey, light drizzle

Wind (mph)/direction: 5-8 KB (0)

Water Visibility (ft): 3.4

Surface Water Conditions: ripply, light chop

Bird Enumeration: N = 0, no people/dogs/boats

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

no surface debris, no boats

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0632</td>
<td>18.2</td>
<td>33.7</td>
<td>7.97</td>
<td>82.4</td>
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</tbody>
</table>
QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/20/22    Time: 11:00    Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: MC-2-W3

Date: 5/20/22

Time on Station: 0658

FIB SAMPLE TIME: 0640

Water Depth: 4.7

Tide (ft): -0.3

Time of Slack High Tide: 09:14

Weather conditions: overcast, green

Wind (mph)/direction: 5-7 kt (S)

Water Visibility (ft): 5.4

Surface Water Conditions: no debris, light chop

Bird Enumeration: none

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

none

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0640</td>
<td>18.3</td>
<td>33.7</td>
<td>7.99</td>
<td>8.30</td>
</tr>
</tbody>
</table>
QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/20/22   Time: 11:00   Signature: [Signature]
PORT OF SAN DIEGO  
SHELTER ISLAND YACHT BASIN  
2022 Bacteria Special Study  

FIELD WATER QUALITY DATA FORM  

Station Identification: EP-1-W3  

Date: 5/20/22  Time on Station: 0634 0644  

FIB SAMPLE TIME: 0635  Water Depth: 4.2  

Tide (ft): -0.4  Time of Slack High Tide: 0014  

Weather conditions: Cloudy, overcast, grey  

Wind (mph)/direction: 2-5 kt (S)  Water Visibility (ft): 2-9  

Surface Water Conditions: Light chop, surface  

Bird Enumeration: n=1 mallard, n=1 person  

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):  

Surface debris wind captured from south wind  

5 vessels docked @ FP  

Water Quality Measurements  

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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</thead>
<tbody>
<tr>
<td>0650</td>
<td>18.3</td>
<td>33.73</td>
<td>7.97</td>
<td>8.06</td>
</tr>
</tbody>
</table>
QAQC Checklist:

- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/20/22  Time: 11:00  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: 053-3N3/05-3-N3-DW

Date: (mm/dd/yyyy) 5/20/22  Time on Station: (hh:mm) 0655

FIB SAMPLE TIME: 0655/0700  Water Depth: 16 ft

Tide (ft): -0.5  Time of Slack High Tide: 00:14

Weather conditions: overcast

Wind (mph)/direction: 1-2 kt (S)  Water Visibility (ft): 2.5

Surface Water Conditions: Light breeze, no people, dogs

Bird Enumeration: 0 = 0

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

 dapat surface debris

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
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<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:00</td>
<td>18.5</td>
<td>32.75</td>
<td>7.97</td>
<td>7.93</td>
</tr>
</tbody>
</table>
PORT OF SAN DIEGO
SHELTER ISLAND YACHT BASIN
2022 Bacteria Special Study

FIELD WATER QUALITY DATA FORM

QAQC Checklist:
✓ Field data sheet completed, notable observations recorded
✓ Photos taken
✓ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
✓ Samples collected within 25 feet of target location? If not, please describe below.
✓ "Clean Hands" sampling techniques followed
✓ Samples sealed in secondary container (plastic bag) and immediately placed on ice
✓ EOCS filled out and cross-checked with sample labels
✓ Samples delivered within holding time requirements

Date: 5/20/22  Time: 1100  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: OF2-N3 + OF2-DN-3

Date: 5/2

Time on Station: 07:15

FIB SAMPLE TIME: 07:15/07:20

Water Depth: 0.3

Tide (ft): -0.7

Weather conditions: cloudy, overcast, breezy

Wind (mph)/direction: 2-4 KTS

Time of Slack High Tide: 00:14

Water Visibility (ft): >0.3

Surface Water Conditions: bubbles

Bird Enumeration: n=1 (human) 1 person, 1 dog

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, sicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

0-light debris on surface sheen

Water Quality Measurements

<table>
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<tr>
<th>Time of Measurement</th>
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<th>DO (mg/L)</th>
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</thead>
<tbody>
<tr>
<td>07:30</td>
<td>18.0</td>
<td>21.67</td>
<td>7.93</td>
<td>7.57</td>
</tr>
</tbody>
</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/20/12  Time: 1100  Signature: [signature]
FIELD WATER QUALITY DATA FORM

Station Identification: B5-W17

Date: 07/20/22

Time on Station: 07:46

FIB SAMPLE TIME:

Water Depth: 1.0 m

Tide (ft): -0.8

Time of Slack High Tide: 00:14

Weather conditions: Cl

Wind (mph)/direction: 78 kt C2

Water Visibility (ft): >1.0 m

Surface Water Conditions: Light chop

Bird Enumeration: 150 2 cm KL, 1 dog

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

San Diego beech form

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<tbody>
<tr>
<td>07:45</td>
<td>18.1</td>
<td>38.66</td>
<td>7.98</td>
<td>8.16</td>
</tr>
</tbody>
</table>
QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- “Clean Hands” sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/20/22  Time: 11:00  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: 0F1-1-2B

Date: 5/20/22  
FIB SAMPLE TIME: 0750

Time on Station: 0750  
Water Depth: 0.3m

Tide (ft): -0.9  
Weather conditions: cloudy

Wind (mph)/direction: 5-7 Kt (S)  
Time of Slack High Tide: 00:14

Surface Water Conditions: Light chop, bubbles

Water Visibility (ft): > 0.3m

Bird Enumeration: n=1, n=0, no prey / dog

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

foam @ water edge

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
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<tbody>
<tr>
<td>0755</td>
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</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/20/22  Time: 11:00  Signature: [Signature]

PORT OF SAN DIEGO
SHELTER ISLAND YACHT BASIN
2022 Bacteria Special Study
FIELD WATER QUALITY DATA FORM

Station Identification: 91-1-H-3

Date: 5/20/22  Time on Station: 0800

FIB SAMPLE TIME: 0800  Water Depth: 3.3 m

Tide (ft): -0.9  Time of Slack High Tide: 09:14

Weather conditions:  NNE  overcast

Wind (mph)/direction: 10-12 (S)  Water Visibility (ft): 2.7

Surface Water Conditions: light chop, m. debris

Bird Enumeration: n = 0, no seep

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

n = 2 boats, arrived @ ca 0700

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<tbody>
<tr>
<td>0803</td>
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<td>33.76</td>
<td>8.00</td>
<td>8.18</td>
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</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- “Clean Hands” sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/20/22  Time: 1630  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: M1-Z-N.3

Date: 3/20/22

Time on Station: 0818

FIB SAMPLE TIME: 0818

Water Depth: 4.5

Tide (ft): -0.9

Time of Slack High Tide: 00:14

Weather conditions: cloudy, overcast, grey

Wind (mph)/direction: 7-8 kt (S)

Water Visibility (ft): 2.75

Surface Water Conditions: light chop, no debris, bubbles

Bird Enumeration: none/1 person on boat

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

2 boats

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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</table>
PORT OF SAN DIEGO  
SHELTER ISLAND YACHT BASIN  
2022 Bacteria Special Study

FIELD WATER QUALITY DATA FORM

QAQC Checklist:
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- Photos taken
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- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/20/22  Time: 1100  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: A1-3-W3

Date: 5/20/22

Time on Station: 0815

FIB SAMPLE TIME: 0815

Water Depth: 4.5 ft

Tide (ft): -0.8

Time of Slack High Tide: 04:14

Weather conditions: breeze

Wind (mph)/direction: 5-7 ft (S)

Water Visibility (ft): 2.9

Surface Water Conditions: choppy

Bird Enumeration: N = 0

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

2 boat &ander arrived @0700

Water Quality Measurements

<table>
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<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<td>8.18</td>
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</table>
QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and *Enterococcus*)
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- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/20/22  Time: 11:00  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: N4 - W3

Date: 5/28/22

Time on Station: 08:25

FIB SAMPLE TIME: 08:25

Water Depth: 0.6

Tide (ft): -0.8

Time of Slack High Tide: 00:14

Weather conditions: Cloudy, breezy

Wind (mph)/direction: 5-6Kt(S)

Water Visibility (ft): >0.6m

Surface Water Conditions: Light chop

Bird Enumeration: 0

/ person / runner

Other Notes: Including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

Moderate debris in water column (kelp strands, eelgrass)

Water Quality Measurements

<table>
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<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
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<th>pH</th>
<th>DO (mg/L)</th>
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<td>08:30</td>
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<td>7.97</td>
<td>7.95</td>
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</tbody>
</table>
QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
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- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/20/22  Time: 11:00  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: KB-W3

Date: 5/10/22

FIB SAMPLE TIME: 0835

Time on Station: 0835

Water Depth: 0.3

Tide (ft): -0.8

Weather conditions: rainy

Time of Slack High Tide: 10:14

Wind (mph)/direction: 8-10 kts

Water Visibility (ft): >0.3

Surface Water Conditions: choppy

Bird Enumeration: N = 0 / day, / person

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

in water

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
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<th>pH</th>
<th>DO (mg/L)</th>
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<tbody>
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<td>17.6</td>
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<td>7.97</td>
<td>7.88</td>
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</tbody>
</table>
QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
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- Samples delivered within holding time requirements

Date: 5/20/22  Time: 10:00  Signature: [signature]
FIELD WATER QUALITY DATA FORM

Station Identification: [Blackout] FB-3 (new lab source)

Date: 5/20/22  
Time on Station: 08:50

FIB SAMPLE TIME: 08:58  
Water Depth: _______

Tide (ft): _______

Weather conditions: overcast, grey

Wind (mph)/direction: _______  
Water Visibility (ft): _______

Surface Water Conditions: _______

Bird Enumeration: _______

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

FB- [Blackout] 08/30

Water Quality Measurements

<table>
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<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
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- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/20/22  Time: 11:00  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: REF-1-WKD2

Date: 3/21/22

Time on Station: 0612

FIB SAMPLE TIME: 0615

Water Depth: 19.6 ft

Tide (ft): 01 ft

Time of Slack High Tide: 01:23

Weather conditions: Cloudy

Wind (mph)/direction: 3-5/270°

Water Visibility (ft): 15 ft

Surface Water Conditions: Light chop, small bubbles

Bird Enumeration: n/a, no people

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

n = 2 passing boats

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<tbody>
<tr>
<td>0620</td>
<td>18.2</td>
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<td>7.79</td>
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</tbody>
</table>
PORT OF SAN DIEGO
SHELTER ISLAND YACHT BASIN
2022 Bacteria Special Study

FIELD WATER QUALITY DATA FORM

QAQC Checklist:
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✓ Photos taken
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✓ COCs filled out and cross-checked with sample labels
✓ Samples delivered within holding time requirements

Date: 05/21/2022    Time: 1100    Signature: Mario Swiderski
FIELD WATER QUALITY DATA FORM

Station Identification: A1-1-R1-MK2

Date: (mm/dd/yyyy) 5/21/22

Time on Station: (hh:mm) 06:35

FIB SAMPLE TIME: 06:35

Water Depth: 3.9 m

Tide (ft): 0.8

Time of Slack High Tide: 01:23

Weather conditions: cloudy, light breeze

Wind (mph)/direction: ~4/245 (3)

Water Visibility (ft): 2.0

Surface Water Conditions: light

Bird Enumeration: n=0, no people, no dogs

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

15 boats and 1 diver

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<tr>
<td>06:30</td>
<td>18.1</td>
<td>33.67</td>
<td>7.99</td>
<td>8.13</td>
</tr>
</tbody>
</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
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✓ Photos taken
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✓ Samples sealed in secondary container (plastic bag) and immediately placed on ice
✓ COCs filled out and cross-checked with sample labels
✓ Samples delivered within holding time requirements

Date: 05/21/2022   Time: 11:00   Signature: Maria Swiderski
PORT OF SAN DIEGO  
SHELTER ISLAND YACHT BASIN  
2022 Bacteria Special Study  

FIELD WATER QUALITY DATA FORM  

Station Identification: A1-2
  
Date:  
(mm/dd/yyyy)  5/21/22  
Time on Station:  
(hh:mm)  06:43  

FIB SAMPLE TIME: 06:45  
Water Depth: 4.8  

Tide (ft): 0.7  
Time of Slack High Tide: 01:23  

Weather conditions: cloudy  
Wind (mph)/direction: 3-4 kt (S)  
Water Visibility (ft): 2.1m  
Surface Water Conditions: light surface wave, no debris  
Bird Enumeration: 0, no people/dogs  

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):  

15 boats @ and/or  

Water Quality Measurements  

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<td>06:46</td>
<td>18.1</td>
<td>33.69</td>
<td>7.99</td>
<td>8.05</td>
</tr>
</tbody>
</table>
QAQC Checklist:
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✓ Photos taken
✓ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
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✓ Samples sealed in secondary container (plastic bag) and immediately placed on ice
✓ COCs filled out and cross-checked with sample labels
✓ Samples delivered within holding time requirements

Date: 05/21/2022  Time: 1100  Signature: Mario Swiderski
Station Identification: 41-3-K1-WKD2

Date: 5

Time on Station: 0650

FIB SAMPLE TIME: 0650

Water Depth: 5.2 ft

Tide (ft): 0.64

Time of Slack High Tide: 01:23

Weather conditions: Cloudy

Wind (mph)/direction: 3-4 KR (W)

Water Visibility (ft): 2.5

Surface Water Conditions: Light wind chop

Bird Enumeration: n=4, n=0 people/dog

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

n=15 boats Carolina

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<tr>
<td>0655</td>
<td>18.2</td>
<td>33.61</td>
<td>7.99</td>
<td>8.05</td>
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</tbody>
</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
✓ Field data sheet completed, notable observations recorded
✓ Photos taken
✓ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
✓ Samples collected within 25 feet of target location? If not, please describe below.
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✓ Samples sealed in secondary container (plastic bag) and immediately placed on ice
✓ COCs filled out and cross-checked with sample labels
✓ Samples delivered within holding time requirements

Date: 05/21/2022  Time: 1100  Signature: Marine Swidercki
FIELD WATER QUALITY DATA FORM

Station Identification: A1-1-X2-WCD2

Date: (mm/dd/yyyy) 5/21/22

FIB SAMPLE TIME: 0735

Time on Station: (hh:mm) 0735

Water Depth: 3.9 m

Tide (ft): 01.1

Time of Slack High Tide: 01:23

Weather conditions: cloudy

Wind (mph)/direction: 15(ESE)

Water Visibility (ft): 2.4

Surface Water Conditions: light wind

Bird Enumeration: n = 0, 1 dog on paddle board

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

15 boats & anchor

2 paddle boards + 1 dog

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<td>8.05</td>
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</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
✓ Field data sheet completed, notable observations recorded
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✓ COCs filled out and cross-checked with sample labels
✓ Samples delivered within holding time requirements

Date: 05/21/2022  Time: 11:00  Signature: Maria Swiderski
FIELD WATER QUALITY DATA FORM


Date: 5/21/22
Time on Station: 0750

FIB SAMPLE TIME: 0950 / 0757
Water Depth: 4.3

Tide (ft): -0.2
Time of Slack High Tide: 01:23

Weather conditions: cloudy

Wind (mph)/direction: 4-5Kr (S)
Water Visibility (ft): 2.9

Surface Water Conditions: light chop, no debris

Bird Enumeration: n=0, 1 person upside

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

n > 15 boats and/or

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<td>0754</td>
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<td>33.72</td>
<td>8.80</td>
<td>8.20</td>
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</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
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✓ COCs filled out and cross-checked with sample labels
✓ Samples delivered within holding time requirements

Date: 05/21/2022  Time: 1100  Signature: Mario Schwierski
FIELD WATER QUALITY DATA FORM

Station Identification: A1-3-R2-HK02

Date: 5/21/22

Time on Station: 08:00

FIB SAMPLE TIME: 08:00

Water Depth: 4.9 m

Tide (ft): -0.3

Time of Slack High Tide: 01:23

Weather conditions: cloudy

Wind (mph)/direction: 34/67 (S)

Water Visibility (ft): 2-4

Surface Water Conditions: light chop

Bird Enumeration: n=1 gull, 1 upside

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

15 boats on anchor

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<tbody>
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<td>08:05</td>
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<td>33.73</td>
<td>7.99</td>
<td>7.98</td>
</tr>
</tbody>
</table>
QAQC Checklist:

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✓ Photos taken
✓ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
✓ Samples collected within 25 feet of target location? If not, please describe below.
✓ "Clean Hands" sampling techniques followed
✓ Samples sealed in secondary container (plastic bag) and immediately placed on ice
✓ COCs filled out and cross-checked with sample labels
✓ Samples delivered within holding time requirements

Date: 05/21/2022  Time: 1100  Signature: Marii Stwiderski
FIELD WATER QUALITY DATA FORM

Station Identification: 91-1-R3-WKDZ

Date: 5/21/22  Time on Station: 08:25
(mm/dd/yyyy)  (hh:mm)

FIB SAMPLE TIME: 08:25  Water Depth: 7.5 m

Tide (ft): -0.4  Time of Slack High Tide: 01:23

Weather conditions: cloudy

Wind (mph)/direction: 35 G 5  Water Visibility (ft): 2.5 m

Surface Water Conditions: light surface waves, no debris

Bird Enumeration: 1-6, no people, no dogs

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
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<th>pH</th>
<th>DO (mg/L)</th>
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<tbody>
<tr>
<td>08:38</td>
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<td>8.23</td>
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</tbody>
</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
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✓ Photos taken
✓ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
✓ Samples collected within 25 feet of target location? If not, please describe below.
✓ "Clean Hands" sampling techniques followed
✓ Samples sealed in secondary container (plastic bag) and immediately placed on ice
✓ COCs filled out and cross-checked with sample labels
✓ Samples delivered within holding time requirements

Date: 05/21/2022    Time: 1100    Signature: Marius Jurczenki
FIELD WATER QUALITY DATA FORM

Station Identification: A1-2-K3-WK02

Date: 05/21/22

Time on Station: 08:45

FIB SAMPLE TIME: 09:45

Water Depth: 4.6

Tide (ft): -0.5

Time of Slack High Tide: 01:23

Weather conditions: Cloudy

Wind (mph)/direction: 34 Kt (S)

Water Visibility (ft): 27

Surface Water Conditions: Light chop, no debris

Bird Enumeration: No

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

1215 boats @ anchor

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<tr>
<td>08:47</td>
<td>18.2</td>
<td>33.74</td>
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<td>8.24</td>
</tr>
</tbody>
</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
✓ Field data sheet completed, notable observations recorded
✓ Photos taken
✓ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
✓ Samples collected within 25 feet of target location? If not, please describe below.
✓ "Clean Hands" sampling techniques followed
✓ Samples sealed in secondary container (plastic bag) and immediately placed on ice
✓ COCs filled out and cross-checked with sample labels
✓ Samples delivered within holding time requirements

Date: 05/21/2022  Time: 1100  Signature: Marina Alveschi
FIELD WATER QUALITY DATA FORM

Station Identification: M1-3-63-W2Z

Date: 5/21/22

Time on Station: 0850

FIB SAMPLE TIME: 0850

Water Depth: 4.7m

Tide (ft): -0.5

Time of Slack High Tide: 01:23

Weather conditions: cloudy

Wind (mph)/direction: 4-5 KTS (S)

Water Visibility (ft): 2.7m

Surface Water Conditions: clear

Bird Enumeration: 0-3, 1-3 persons upside

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

12/15 boat

Water Quality Measurements

<table>
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<tr>
<th>Time of Measurement</th>
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<td>0853</td>
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</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
✓ Field data sheet completed, notable observations recorded
✓ Photos taken
✓ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
✓ Samples collected within 25 feet of target location? If not, please describe below.
✓ “Clean Hands” sampling techniques followed
✓ Samples sealed in secondary container (plastic bag) and immediately placed on ice
✓ COCs filled out and cross-checked with sample labels
✓ Samples delivered within holding time requirements

Date: 05/21/2022     Time: 1100     Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: OF2-WK22 / OF2-DW-3

Date: 5/21/22  Time on Station: 0700

FIB SAMPLE TIME: 0700 / 0710  Water Depth: 1.0 ft

Tide (ft): 0.4 ft  Time of Slack High Tide: 01:23

Weather conditions: Cloudy

Wind (mph)/direction: 23 kts  Water Visibility (ft): >100

Surface Water Conditions: Light breeze, bubbles off outfall

Bird Enumeration: 0 birds, no people/no dogs

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

Flow 2 gals/min

Water Quality Measurements

<table>
<thead>
<tr>
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<th>Salinity (ppt)</th>
<th>pH</th>
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<tr>
<td>0700 (DW3)</td>
<td>18.1</td>
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<td>0710</td>
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FIELD WATER QUALITY DATA FORM

QAQC Checklist:
✓ Field data sheet completed, notable observations recorded
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✓ COCs filled out and cross-checked with sample labels
✓ Samples delivered within holding time requirements

Date: 05/21/2022 Time: 1100 Signature: [Signature]

PORT OF SAN DIEGO
SHELTER ISLAND YACHT BASIN
2022 Bacteria Special Study
FIELD WATER QUALITY DATA FORM

Station Identification: REF1-N4

Date: 5/23/22
(mm/dd/yyyy)

Time on Station: 05:20
(hh:mm)

FIB SAMPLE TIME: 08:00

Water Depth: 20.8 ft.

Tide (ft): +2.0

Time of Slack High Tide: 04:16

Weather conditions: overcast, cloudy

Wind (mph)/direction: 3 Kts (WSW)

Water Visibility (ft): 31 ft.

Surface Water Conditions: light chop

Bird Enumeration: N=0, no surface debris

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

2 passing boats

Water Quality Measurements

<table>
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<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<tbody>
<tr>
<td>0804</td>
<td>18.4</td>
<td>33.41</td>
<td>7.95</td>
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</tbody>
</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/23/22  Time: 12:30  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: GD - N4

Date: 5/23/22

Time on Station: 0810

FIB SAMPLE TIME: 0810

Water Depth: 6.6

Tide (ft): 2.0

Time of Slack High Tide: 04:16

Weather conditions: cloudy

Wind (mph)/direction: <1 kts (SSE)

Water Visibility (ft): 4.0

Surface Water Conditions: calm, no surface debris

Bird Enumeration: n = 0, n = 1, people/dog = 0

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

none

Water Quality Measurements

<table>
<thead>
<tr>
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<th>pH</th>
<th>DO (mg/L)</th>
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<tbody>
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<td>0815</td>
<td>18.6</td>
<td>33.59</td>
<td>7.91</td>
<td>7.22</td>
</tr>
</tbody>
</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
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- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/23/22  Time: 12:30  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: **KK-WY**

**Date:** 5/23/22

**FIB SAMPLE TIME:** 08:20

**Time on Station:** 08:20m

**Water Depth:** 0.3m

**Tide (ft):** 1.7t

**Time of Slack High Tide:** 04:16

**Weather conditions:** Cloudy

**Wind (mph)/direction:** 16kE (5/15W)

**Water Visibility (ft):** > 0.3m

**Surface Water Conditions:** Light ripples

**Bird Enumeration:** n=0, 2 pairs

**Other Notes:** including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):


"nmc, passing vessel"

Water Quality Measurements

<table>
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<tr>
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<th>pH</th>
<th>DO (mg/L)</th>
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<td>08:20</td>
<td>18.6</td>
<td>33.62</td>
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<td>7.19</td>
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</tbody>
</table>
QAQC Checklist:

- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/23/22  Time: 12:30  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: MC-1-WF

Date: 5/23/22

Time on Station: 08:27

FIB SAMPLE TIME: 08:30

Water Depth: 5.5 ft

Tide (ft): 1.8

Time of Slack High Tide: 04:16

Weather conditions: cloudy

Wind (mph)/direction: 1K 5/SW

Water Visibility (ft): 1.9

Surface Water Conditions: ripples

Bird Enumeration: 0 = 0

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

1 paddler

1 strand of floating kelp

Water Quality Measurements

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<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<tbody>
<tr>
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<td>7.59</td>
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</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
Field data sheet completed, notable observations recorded
Photos taken
All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
Samples collected within 25 feet of target location? If not, please describe below.
“Clean Hands” sampling techniques followed
Samples sealed in secondary container (plastic bag) and immediately placed on ice
COCs filled out and cross-checked with sample labels
Samples delivered within holding time requirements

Date: 5/23/22  Time: 12:30  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: M2 - NY

Date: 5/23/22

Time on Station: 08:35

FIB SAMPLE TIME: 08:35

Water Depth: 5.3 m

Tide (ft): 1.6 +

Weather conditions: cloudy

Wind (mph)/direction: <1 - E

Water Visibility (ft): 3.1 m

Surface Water Conditions: light ripples, no debris, calm

Bird Enumeration: 0 = 0, no birds, people or dog

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

None

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:37</td>
<td>18.9</td>
<td>33.70</td>
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</tr>
</tbody>
</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
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- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/23/22    Time: 12:30    Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: FP-W4

Date: 5/23/22

Time on Station: 0845

FIB SAMPLE TIME: 0845

Water Depth: 4.5 m

Tide (ft): 1.5

Time of Slack High Tide: 04:16

Weather conditions: cloudy

Wind (mph)/direction: < 1KT

Water Visibility (ft): 2.5 m

Surface Water Conditions: calm

Bird Enumeration: 1 = 0, 1 person

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

- oil sheen, fish waste floating
- vessels docked @ FP

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
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<th>pH</th>
<th>DO (mg/L)</th>
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<tr>
<td>0846</td>
<td>18.9</td>
<td>33.70</td>
<td>7.94</td>
<td>7.54</td>
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</tbody>
</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
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- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/23/22  Time: 12:30  Signature: [Signature]
**FIELD WATER QUALITY DATA FORM**

Station Identification: 0F3-W4

Date: 5/23/22

Time on Station: 0850

FIB SAMPLE TIME: 0850

Water Depth: 2.0m

Tide (ft): -1.0 ft

Time of Slack High Tide: 07:14

Weather conditions: Cloudy

Wind (mph)/direction: <10 kt

Water Visibility (ft): 2.0m

Surface Water Conditions: Calm, no debris

Bird Enumeration: 0 = 0, no people, no dogs

**Other Notes:** including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

\[ \text{H} = \text{none} \]

**Water Quality Measurements**

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
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<tbody>
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<td>0850</td>
<td>19.0</td>
<td>33.71</td>
<td>7.93</td>
<td>7.25</td>
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</tbody>
</table>
QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/23/22    Time: 12:30    Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: OP2-W4 / OP2-DW-5

Date: 5/23/22  Time on Station: 09:05

FIB SAMPLE TIME: 09:05 / 09:15  Water Depth: 1.0 m

Tide (ft): -0.8  Time of Slack High Tide: 04:16

Weather conditions: cloudy

Wind (mph)/direction: 10-20 (S/SW)  Water Visibility (ft): 7.0 m

Surface Water Conditions: small ripples, some surface dust/debris.

Bird Enumeration: n = 0, n = 2, 4, 4 / 102 legs

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

bubbles on water surface,
flow on Egal/min

Water Quality Measurements

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</table>
QAQC Checklist:
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- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
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- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/23/22  Time: 12:30  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: BS-WY

Date: 5/23/22

FIB SAMPLE TIME: 0920

Time on Station: (hh:mm) 0920

Water Depth: 0.3

Tide (ft): ~0.4f

Time of Slack High Tide: 04:16

Weather conditions: cloudy

Wind (mph)/direction: 2-3 kts (S/SW)

Weather Visibility (ft): > 0.5

Surface Water Conditions: light chop, no surface

Bird Enumeration: n=10 (100m), n=2 people, n=3 dogs

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

2 people on beach, others on yachting.

Water Quality Measurements

<table>
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<tr>
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<th>pH</th>
<th>DO (mg/L)</th>
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<tr>
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<td>18.7</td>
<td>33.67</td>
<td>7.90</td>
<td>7.29</td>
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</tbody>
</table>
QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/23/22  Time: 12:30  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: 021 - NW 01- DW - 1

Date: 5/23

FIB SAMPLE TIME: 0930 / 0835

Tide (ft): ~0.3

Water Depth: 0.3

Time of Slack High Tide: 04:16

Weather conditions: cloudy

Wind (mph)/direction: 1-2 W to (SW)

Surface Water Conditions: light wind, no debris

Water Visibility (ft): ~0.3

Bird Enumeration: 0+ n = 1 dog, n = 1 person

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

outfall flowing ~1 gal/min

Water Quality Measurements

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<th>pH</th>
<th>DO (mg/L)</th>
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<tr>
<td>0935</td>
<td>17.9</td>
<td>0.73</td>
<td>8.83</td>
<td>8.87</td>
</tr>
</tbody>
</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:

✓ Field data sheet completed, notable observations recorded
✓ Photos taken
✓ All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
✓ Samples collected within 25 feet of target location? If not, please describe below.
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✓ Samples sealed in secondary container (plastic bag) and immediately placed on ice
✓ COCs filled out and cross-checked with sample labels
✓ Samples delivered within holding time requirements

Date: 5/23/22  Time: 12:30  Signature: [Signature]
FIELD WATER QUALITY DATA FORM


Date: 5/23/22

Time on Station: 09:45

FIB SAMPLE TIME: 09:41 / 09:46

Water Depth: 3.6 m

Tide (ft): 0.2

Time of Slack High Tide: 04:16

Weather conditions: cloudy

Wind (mph)/direction: 2-3 S/SW

Water Visibility (ft): 2.0

Surface Water Conditions: light chop, no detritus

Bird Enumeration: n=0, 4 people, 2 dogs on deck

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

1 boat in near vicinity during sampling

Water Quality Measurements

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<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:50</td>
<td>18.8</td>
<td>33.72</td>
<td>7.97</td>
<td>7.65</td>
</tr>
</tbody>
</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/23/22  Time: 12:30  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: A1-Z-WY

Date: 5/23/22

Time on Station: 0955

FIB SAMPLE TIME: 0935

Water Depth: 4.82

Tide (ft): +0.24

Time of Slack High Tide: 04:16

Weather conditions: cloudy

Wind (mph)/direction: 1-3 Kts, S/SW

Water Visibility (ft): 2.7

Surface Water Conditions: light ripples, no debris

Bird Enumeration: n = 4, 2 gulls, 1 dig

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

n = 3 boats @ anchor, none in vicinity of sample

Water Quality Measurements

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<th>DO (mg/L)</th>
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<tbody>
<tr>
<td>1000</td>
<td>18.8</td>
<td>33.73</td>
<td>7.99</td>
<td>7.99</td>
</tr>
</tbody>
</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/23/22  Time: 12:30  Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: A-3-WY

Date: 5/23/22

Time on Station: 10:00

FIB SAMPLE TIME: 1000

Water Depth: 4.9

Tide (ft): ~0.2 +

Time of Slack High Tide: 04:16

Weather conditions: cloudy

Wind (mph)/direction: 2-3kt (S/SW)

Water Visibility (ft): 2.5

Surface Water Conditions: light chop

Bird Enumeration: 0 = 0, n = 2 people, 0 dogs

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

n = 3 boats at anchor

no boats in vicinity during sampling

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1003</td>
<td>18.9</td>
<td>33.74</td>
<td>7.75</td>
<td>7.71</td>
</tr>
</tbody>
</table>
QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- “Clean Hands” sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/23/22  Time: 12:20  Signature: [signature]
FIELD WATER QUALITY DATA FORM

Station Identification: NK-W4

Date: 5/23/22

Time on Station: 10:00

FIB SAMPLE TIME: 10:10

Water Depth: 0.3

Tide (ft): 0.1+

Time of Slack High Tide: 04:16

Weather conditions: cloudy

Wind (mph)/direction: 1-3 WNW

Water Visibility (ft): > 0.3

Surface Water Conditions: calm, no debris

Bird Enumeration: 0=0, 4 people on beach, no dogs

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

- no Kayak on beach.
- 4 boats anchored from la playa
- 150 yards south of NK Beach

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:12</td>
<td>18.18</td>
<td>33.96</td>
<td>7.97</td>
<td>7.80</td>
</tr>
</tbody>
</table>
QAQC Checklist:
- Field data sheet completed, notable observations recorded.
- Photos taken.
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus).
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed.
- Samples sealed in secondary container (plastic bag) and immediately placed on ice.
- COCs filled out and cross-checked with sample labels.
- Samples delivered within holding time requirements.

Date: 5/23/22    Time: 12:30    Signature: [Signature]
FIELD WATER QUALITY DATA FORM

Station Identification: 48 - W

Date: 5/23/22
Time on Station: 10:20
FIB SAMPLE TIME: 10:20
Water Depth: 4.3

Tide (ft): 0.1
Time of Slack High Tide: 04:10

Weather conditions: Cloudy

Wind (mph)/direction: 2-3 kt (5/6)

Surface Water Conditions: Light chop, no debris

Weather Visibility (ft): 70.3

Bird Enumeration: n = 1 gull, n = 4 people, one swimmer on beach, n = 2 dogs.

Other Notes: including any potential confounding factors of concern observed (e.g., sheens, discoloration, odors, slicks, boat maintenance, plankton blooms, recent rain events, presence of animals, eelgrass, kelp wrack, floatable material):

None

Water Quality Measurements

<table>
<thead>
<tr>
<th>Time of Measurement</th>
<th>Temperature (°C)</th>
<th>Salinity (ppt)</th>
<th>pH</th>
<th>DO (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:22</td>
<td>19.2</td>
<td>33.80</td>
<td>7.98</td>
<td>8.65</td>
</tr>
</tbody>
</table>
FIELD WATER QUALITY DATA FORM

QAQC Checklist:
- Field data sheet completed, notable observations recorded
- Photos taken
- All bacteria samples collected (125-mL HDPE: Total Coliform and Enterococcus)
- Samples collected within 25 feet of target location? If not, please describe below.
- "Clean Hands" sampling techniques followed
- Samples sealed in secondary container (plastic bag) and immediately placed on ice
- COCs filled out and cross-checked with sample labels
- Samples delivered within holding time requirements

Date: 5/23/22  Time: 12:30  Signature: [Signature]
APPENDIX B

FIELD DATA SUMMARY TABLES
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Survey Location</th>
<th>Station</th>
<th>Number of Boats</th>
<th>Wind</th>
<th>Visibility</th>
<th>Wave Height</th>
<th>Number of Bouys</th>
<th>Water Quality</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>05/06/22</td>
<td>6:30</td>
<td>Bessemer Street</td>
<td>A1-1</td>
<td>1</td>
<td>Calm</td>
<td>Sunny, Calm</td>
<td>0.6</td>
<td>1</td>
<td>Clear</td>
<td>6:30</td>
</tr>
<tr>
<td>05/13/22</td>
<td>2:18</td>
<td>Bessemer Street</td>
<td>A1-2</td>
<td>1</td>
<td>Calm</td>
<td>Sunny, Calm</td>
<td>0.6</td>
<td>1</td>
<td>Clear</td>
<td>2:18</td>
</tr>
<tr>
<td>05/21/22</td>
<td>8:40</td>
<td>Bessemer Street</td>
<td>A1-1</td>
<td>1</td>
<td>Calm</td>
<td>Sunny, Calm</td>
<td>0.6</td>
<td>1</td>
<td>Clear</td>
<td>8:40</td>
</tr>
<tr>
<td>05/21/22</td>
<td>8:30</td>
<td>Bessemer Street</td>
<td>A1-2</td>
<td>1</td>
<td>Calm</td>
<td>Sunny, Calm</td>
<td>0.6</td>
<td>1</td>
<td>Clear</td>
<td>8:30</td>
</tr>
<tr>
<td>05/21/22</td>
<td>10:45</td>
<td>Bessemer Street</td>
<td>A1-1</td>
<td>1</td>
<td>Calm</td>
<td>Sunny, Calm</td>
<td>0.6</td>
<td>1</td>
<td>Clear</td>
<td>10:45</td>
</tr>
<tr>
<td>05/21/22</td>
<td>10:50</td>
<td>Bessemer Street</td>
<td>A1-2</td>
<td>1</td>
<td>Calm</td>
<td>Sunny, Calm</td>
<td>0.6</td>
<td>1</td>
<td>Clear</td>
<td>10:50</td>
</tr>
</tbody>
</table>

*Remarks:* Samples collected in water after several days of high winds, Santa Ana's last night and a couple boats remaining in the anchorage.
<table>
<thead>
<tr>
<th>Time on Station</th>
<th>Wind</th>
<th>Water Quality - Temperature</th>
<th>Water Quality - DO</th>
<th>Water Quality - Salinity</th>
<th>Water Quality - pH</th>
<th>Water Quality - Transparency</th>
<th>Other Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:35</td>
<td>Cloudy, Breezy</td>
<td>7.91</td>
<td>0.3</td>
<td>33.62</td>
<td>7.99</td>
<td>18.8</td>
<td>S, SW</td>
</tr>
<tr>
<td>09:32</td>
<td>Cloudy, Breezy</td>
<td>7.86</td>
<td>0.3</td>
<td>33.68</td>
<td>8.05</td>
<td>20.8</td>
<td>S, SW</td>
</tr>
<tr>
<td>09:45</td>
<td>S, SW</td>
<td>7.92</td>
<td>0.2</td>
<td>0.3</td>
<td>8:45</td>
<td>4:16</td>
<td>2.0</td>
</tr>
<tr>
<td>09:55</td>
<td>W4</td>
<td>7.97</td>
<td>0.2</td>
<td>0.3</td>
<td>8:45</td>
<td>4:16</td>
<td>2.0</td>
</tr>
<tr>
<td>10:10</td>
<td>W4</td>
<td>7.97</td>
<td>0.2</td>
<td>0.3</td>
<td>8:45</td>
<td>4:16</td>
<td>2.0</td>
</tr>
<tr>
<td>10:20</td>
<td>W4</td>
<td>7.97</td>
<td>0.2</td>
<td>0.3</td>
<td>8:45</td>
<td>4:16</td>
<td>2.0</td>
</tr>
</tbody>
</table>

Notes: A1 = Achorage, B1 = unauthorized negroes, D1 = dry anemone sea (blackened in I from easterly gales) 5 gpm = gallons per minute, MC = main channel, mg/L = milligrams per liter, m/s = meter per second, mph = miles per hour, ppt = parts per thousand, R = reference, RD = running water, v/4 = very, v/10 = extremely v/10, W = waste, W1 = wastewater, W4 = waste, W10 = wastewater, W40 = wastewater, W400 = wastewater.
<table>
<thead>
<tr>
<th>Sample Date</th>
<th>Station Identification</th>
<th>Sample Time</th>
<th>Discharge or Receiving Water (RW)</th>
<th>Water Quality - Temperature (°C)</th>
<th>Water Quality - Salinity (ppt)</th>
<th>Water Quality - pH</th>
<th>Water Quality - DO (mg/L)</th>
<th>Estimated Flow (gpm)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/6/2022</td>
<td>OF-2-W1</td>
<td>NA</td>
<td>Discharge</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NR</td>
<td>No discharge FIB sample collected, salinity measurement only.</td>
</tr>
<tr>
<td>5/7/2022</td>
<td>OF-2-DW1-WKD1</td>
<td>7:20</td>
<td>Discharge</td>
<td>17.7</td>
<td>3.28</td>
<td>8.04</td>
<td>2</td>
<td></td>
<td>Discharge FIB sample.</td>
</tr>
<tr>
<td>5/10/2022</td>
<td>OF-2-DW2-5H</td>
<td>9:45</td>
<td>Discharge</td>
<td>17.3</td>
<td>3.38</td>
<td>8.02</td>
<td>4.7</td>
<td>2</td>
<td>Discharge FIB sample.</td>
</tr>
<tr>
<td>5/10/2022</td>
<td>OF-2-SH</td>
<td>NA</td>
<td>RW</td>
<td>19.4</td>
<td>34.44</td>
<td>8.05</td>
<td>6.87</td>
<td>NR</td>
<td>No receiving water FIB sample collected, WQ only.</td>
</tr>
<tr>
<td>5/13/2022</td>
<td>OF-2-W2</td>
<td>9:00</td>
<td>RW</td>
<td>17.8</td>
<td>32.76</td>
<td>8.02</td>
<td>6.15</td>
<td></td>
<td>No discharge FIB sample collected, outfall inundated with bay water due to high tide.</td>
</tr>
<tr>
<td>5/10/2022</td>
<td>OF-3-DW3-W3</td>
<td>7:20</td>
<td>Discharge</td>
<td>17.5</td>
<td>0.75</td>
<td>8.46</td>
<td>9.03</td>
<td>NR</td>
<td>Discharge FIB sample.</td>
</tr>
<tr>
<td>5/10/2022</td>
<td>OF-2-W3</td>
<td>7:15</td>
<td>RW</td>
<td>18.0</td>
<td>31.67</td>
<td>7.93</td>
<td>7.57</td>
<td>NR</td>
<td>Receiving water FIB sample.</td>
</tr>
<tr>
<td>5/11/2022</td>
<td>OF-3-DW3-WKD2</td>
<td>7:10</td>
<td>Discharge</td>
<td>17.3</td>
<td>0.84</td>
<td>8.71</td>
<td>9.58</td>
<td>2</td>
<td>Discharge FIB sample. Sample incorrectly labelled &quot;W3&quot;, should be &quot;W4&quot;.</td>
</tr>
<tr>
<td>5/11/2022</td>
<td>OF-2-WKD2</td>
<td>7:00</td>
<td>RW</td>
<td>18.1</td>
<td>33.59</td>
<td>7.96</td>
<td>7.52</td>
<td>NA</td>
<td>Receiving water FIB sample.</td>
</tr>
<tr>
<td>5/13/2022</td>
<td>OF-2-DW5-W4</td>
<td>9:35</td>
<td>Discharge</td>
<td>17.8</td>
<td>0.61</td>
<td>8.76</td>
<td>9.49</td>
<td>4</td>
<td>Discharge FIB sample.</td>
</tr>
<tr>
<td>5/13/2022</td>
<td>OF-1-DW1-W4</td>
<td>9:35</td>
<td>Discharge</td>
<td>17.9</td>
<td>0.73</td>
<td>8.43</td>
<td>8.87</td>
<td>1</td>
<td>Discharge FIB sample.</td>
</tr>
<tr>
<td>5/13/2022</td>
<td>OF-1-W4</td>
<td>9:30</td>
<td>RW</td>
<td>18.7</td>
<td>33.65</td>
<td>7.97</td>
<td>7.8</td>
<td>NA</td>
<td>Receiving water FIB sample.</td>
</tr>
</tbody>
</table>

Notes: DO = dissolved oxygen; DW = dry weather flow (discharge observed from outfall); FIB = fecal indicator bacteria; gpm = gallons per minute; mg/L = milligrams per liter; NA = not applicable; NR = not recorded; OF = Outfall; ppt = parts per thousand; RW = receiving water; WQ = water quality
APPENDIX C

MICROBIOLOGY LABORATORY REPORTS
13 May 2022

Wood Environment & Infrastructure Solutions, Inc.  
Attn:  Kate Buckley  
9177 Sky Park Court  
San Diego, CA 92123  

Project:  POSD-Bacteria Shelter Island San Diego Bay/POSD - SIYB Bacteria Special Study/Project:2015100116/Org:3151/GL:573000  

EMA Log #: 22E0190

Enclosed are the results of analyses for samples received by the laboratory on 05/06/22 09:45. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. Environmental Laboratory Network, Inc. certifies that this data is in compliance both technically and for completeness.

Jenny Douglas  
President/CEO  
Environmental Laboratory Network, Inc.  
dba EnviroMatrix Analytical  

CA ELAP Certification #: 2564
<table>
<thead>
<tr>
<th>Sample ID</th>
<th>Laboratory ID</th>
<th>Matrix</th>
<th>Date Sampled</th>
<th>Date Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>MC-1-W1</td>
<td>22E0190-01</td>
<td>Seawater</td>
<td>05/06/22 06:35</td>
<td>05/06/22 09:45</td>
</tr>
<tr>
<td>MC-2-W1</td>
<td>22E0190-02</td>
<td>Seawater</td>
<td>05/06/22 06:45</td>
<td>05/06/22 09:45</td>
</tr>
<tr>
<td>OF-1-W1</td>
<td>22E0190-03</td>
<td>Seawater</td>
<td>05/06/22 07:50</td>
<td>05/06/22 09:45</td>
</tr>
<tr>
<td>OF-2-W1</td>
<td>22E0190-04</td>
<td>Seawater</td>
<td>05/06/22 07:20</td>
<td>05/06/22 09:45</td>
</tr>
<tr>
<td>OF-3-W1</td>
<td>22E0190-05</td>
<td>Seawater</td>
<td>05/06/22 07:00</td>
<td>05/06/22 09:45</td>
</tr>
<tr>
<td>FP-W1</td>
<td>22E0190-06</td>
<td>Seawater</td>
<td>05/06/22 06:55</td>
<td>05/06/22 09:45</td>
</tr>
<tr>
<td>GD-W1</td>
<td>22E0190-07</td>
<td>Seawater</td>
<td>05/06/22 06:00</td>
<td>05/06/22 09:45</td>
</tr>
<tr>
<td>BS-W1</td>
<td>22E0190-08</td>
<td>Seawater</td>
<td>05/06/22 07:40</td>
<td>05/06/22 09:45</td>
</tr>
<tr>
<td>KK-W1</td>
<td>22E0190-09</td>
<td>Seawater</td>
<td>05/06/22 06:10</td>
<td>05/06/22 09:45</td>
</tr>
<tr>
<td>NK-W1</td>
<td>22E0190-10</td>
<td>Seawater</td>
<td>05/06/22 08:20</td>
<td>05/06/22 09:45</td>
</tr>
<tr>
<td>KB-W1</td>
<td>22E0190-11</td>
<td>Seawater</td>
<td>05/06/22 08:30</td>
<td>05/06/22 09:45</td>
</tr>
<tr>
<td>REF-1-W1</td>
<td>22E0190-12</td>
<td>Seawater</td>
<td>05/06/22 06:25</td>
<td>05/06/22 09:45</td>
</tr>
<tr>
<td>A1-1-W1</td>
<td>22E0190-13</td>
<td>Seawater</td>
<td>05/06/22 08:00</td>
<td>05/06/22 09:45</td>
</tr>
<tr>
<td>A1-2-W1</td>
<td>22E0190-14</td>
<td>Seawater</td>
<td>05/06/22 08:05</td>
<td>05/06/22 09:45</td>
</tr>
<tr>
<td>A1-3-W1</td>
<td>22E0190-15</td>
<td>Seawater</td>
<td>05/06/22 08:10</td>
<td>05/06/22 09:45</td>
</tr>
<tr>
<td>FB-1-W1</td>
<td>22E0190-16</td>
<td>DI Water</td>
<td>05/06/22 08:45</td>
<td>05/06/22 09:45</td>
</tr>
<tr>
<td>BS-DUP-W1</td>
<td>22E0190-17</td>
<td>Seawater</td>
<td>05/06/22 07:41</td>
<td>05/06/22 09:45</td>
</tr>
</tbody>
</table>

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
## Microbiological Parameters by Standard Methods

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Result</th>
<th>MDL</th>
<th>Reporting Limit</th>
<th>Units</th>
<th>Dilution</th>
<th>Analyst</th>
<th>Batch</th>
<th>Sample Prepared</th>
<th>Sample Analyzed</th>
<th>Method</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MC-1-W1 (22E0190-01) Seawater</strong> Sampled: 05/06/22 06:35 Received: 05/06/22 09:45</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Coliforms</td>
<td>41</td>
<td>10</td>
<td>MPN/100 ml</td>
<td>10</td>
<td>CC</td>
<td>2050966</td>
<td>05/06/22 13:00</td>
<td>05/07/22 13:00</td>
<td>SM9223</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E. Coli</td>
<td>10</td>
<td>10</td>
<td>&quot;</td>
<td>&quot;</td>
<td>CC</td>
<td>2050966</td>
<td>05/06/22 13:00</td>
<td>05/07/22 13:00</td>
<td>&quot;</td>
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<td></td>
</tr>
<tr>
<td>Enterococcus</td>
<td>ND</td>
<td>10</td>
<td>&quot;</td>
<td>&quot;</td>
<td>CC</td>
<td>2050754</td>
<td>05/06/22 13:00</td>
<td>05/07/22 13:00</td>
<td>Idexx</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MC-2-W1 (22E0190-02) Seawater</strong> Sampled: 05/06/22 06:45 Received: 05/06/22 09:45</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Coliforms</td>
<td>52</td>
<td>10</td>
<td>MPN/100 ml</td>
<td>10</td>
<td>CC</td>
<td>2050966</td>
<td>05/06/22 13:00</td>
<td>05/07/22 13:00</td>
<td>SM9223</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E. Coli</td>
<td>ND</td>
<td>10</td>
<td>&quot;</td>
<td>&quot;</td>
<td>CC</td>
<td>2050966</td>
<td>05/06/22 13:00</td>
<td>05/07/22 13:00</td>
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### Microbiological Parameters by Standard Methods

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### Microbiological Parameters by Standard Methods

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Microbiological Parameters by Standard Methods - Quality Control

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| Batch 2050966 |        |     |                 |       |             |        |      |             |     |           |       |
| Blank (2050966-BLK1) | Prepared: 05/06/22  Analyzed: 05/07/22 | Total Coliforms | ND | 1 | 1 MPN/100 ml | CC | |
| E. Coli        | ND     | 1   | 1               | CC   | |

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Notes and Definitions

ND  Analyte NOT DETECTED at or above the reporting limit (or method detection limit when specified)
NR  Not Reported

dry Sample results reported on a dry weight basis (if indicated in units column)

RPD  Relative Percent Difference

MDL  Method detection limit (indicated per client's request)

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# ENVIRONMENTAL DATABASE RECORD

**Client:** Wood PLC  
**Attn:** Kate Buckley, kate.buckley@woodplc.com  
**Project ID:** P096 - SIYB Bacteria Special Study  
**Billing Address:** 9177 Sky Park Ct, San Diego, CA 92123  
**Phone:** 760-420-5769  
**Fax:**  
**Email:** kate.buckley@woodplc.com

## Requested Analysis

**Date/Time:**  
**Signature:** [Signature]  
**Print:** [Print]  
**Company:** [Company]

### Sample Analysis

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**Matrix Codes:**  
- **A:** Air  
- **DW:** Drinking Water  
- **GW:** Groundwater  
- **SW:** Storm Water  
- **WW:** Wastewater  
- **S:** Soil  
- **SED:** Sediment  
- **SD:** Soil  
- **T:** Tissue  
- **O:** Oil  
- **L:** Liquid

**Additional Costs:**  
- **EMAS:** $35 minimum charge

**Analysis Notes:**  
- **Note:** Additional services may apply. Please note there is a $35 minimum charge for all clients.

**EMAS Services:**  
- **Chlortype:**  
- **Waterscan:**  
- **Total Coliform:**  
- **Enterococcus:**  
- **X Total (Collect):**  
- **X Enterolert:**  

**Contact Information:**  
- **9590 Chesapeake Dr, Suite 5, San Diego, CA 92123**  
- **Phone (858) 560-7717**  
- **Fax (858) 560-7763**
# Chain-of-Custody Record

**EMA LOG #:**
Client: Wood PLC
Attn: Kate Buckley, kate.buckley@woodplc.com
Samplers(s): Wood
Address: 9177 Sky Park Ct, San Diego, CA 92123
Phone: 760-420-5769
Fax: kate.buckley@woodplc.com
Billing Address: 9177 Sky Park Ct, San Diego, CA 92123
Project ID: POSD - SIYB Bacteria Special Study

**Please include the following information on invoices:**
1. **Project #:** 20151001
2. **PO #:** N/A
3. **Org: 3151**
4. **GL: 573000**

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**Matrix Codes:**
A = Air, DW = Drinking Water, GW = Groundwater, SW = Storm Water
VW = Wastewater, S = Soil, SED = Sediment, SD = Sold, T = Tissues, O = Oil, L = Liquid

**Shipped By:**
- □ Courier
- □ UPS
- □ FedEx
- □ USPS
- □ Client Drop Off
- □ Other

**Turn-Around-Time:**
- □ Same Day
- □ 1 day
- □ 2 day
- □ 3 day
- □ 4 day
- □ 5 day
- □ STD (7 days)

**Reporting Requirements:**
- □ Fax
- □ PDF
- □ Excel
- □ Geotracker/EDF
- □ Hard Copy
- □ EDT

**Sample Disposal:**
- □ By Laboratory
- □ Return to Client: PU or Delivery
- □ Archive

**Sample Integrity:**
- Correct Containers
- □ Yes
- □ No
- □ N/A
- Containers Properly Preserved
- □ Yes
- □ No
- □ N/A
- Custody Seals Intact
- □ Yes
- □ No
- □ N/A
- □ Sampled By: \[Company: EMA Autosampler\]
- □ Receptor
- □ Signature

**Note:** Please provide SWAMP EDD. Please report true numeric results between 10-2,000,000 MPN/100mL for Total Coliform and Enterococcus using the Coliform and Enterolert methods, respectively, for each.

For each sample, conduct a 3x dilution for reportable MPN (MDL 10 - 2.4 mL).

**Additional costs may apply. Please note there is a $35 minimum charge for all clients.**

**EMA reserves the right to return any samples that do not match our waste profile.**

**NOTE:** By relinquishing samples to EMA, Inc., client agrees to pay for the services requested on this COC form and any additional analyses performed on this project. Payment for services is due within 30 days from date of invoice. Samples will be disposed of 7 days after report has been finalized unless otherwise noted. All work is subject to EMA's terms and conditions.
11 May 2022

Wood Environment & Infrastructure Solutions, Inc.  
Attn:  Kate Buckley  
9177 Sky Park Court  
San Diego, CA 92123

**Project:**  POSD-Bacteria Shelter Island San Diego Bay

Enclosed are the results of analyses for samples received by the laboratory on 05/07/22 10:15. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. Environmental Laboratory Network, Inc. certifies that this data is in compliance both technically and for completeness.

![Signature]

Jenny Douglas  
President/CEO  
Environmental Laboratory Network, Inc.  
dba EnviroMatrix Analytical  
CA ELAP Certification #: 2564
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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
## Microbiological Parameters by Standard Methods

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<td>05/08/22 14:00</td>
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<td>2050960</td>
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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
Microbiological Parameters by Standard Methods

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<tr>
<th>Analyte</th>
<th>Result</th>
<th>MDL</th>
<th>Reporting Limit</th>
<th>Units</th>
<th>Dilution</th>
<th>Analyst</th>
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<tr>
<td>FB-1-WKD1 (22E0218-11) DI Water</td>
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<td><strong>Microbiological Parameters by Standard Methods - Quality Control</strong></td>
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</tbody>
</table>

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Notes and Definitions

ND  Analyte NOT DETECTED at or above the reporting limit (or method detection limit when specified)
NR  Not Reported
dry Sample results reported on a dry weight basis (if indicated in units column)
RPD Relative Percent Difference
MDL Method detection limit (indicated per client's request)

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
**CHAIN-OF-CUSTODY RECORD**

**EMA LOG #:**

Client: Wood PLC

Attm: Kate Buckley, kate.buckley@woodplc.com

Sampling(s): Wood

Address: 9177 Sky Park Ct, San Diego, CA 92123

Phone: 760-420-5769

Fax: kate.buckley@woodplc.com

Billing Address: 9177 Sky Park Ct, San Diego, CA 92123

Project ID: POSD - SIYB Bacteria Special Study

Please include the following information on invoices: 1) Project #: 20150116-0002B

2) PO #: N/A  (3) Org: 3151  (4) GL: 573000

<table>
<thead>
<tr>
<th>ID #</th>
<th>Client Sample ID</th>
<th>Sample Date</th>
<th>Sample Time</th>
<th>Sample Matrix</th>
<th>Container # / Type</th>
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<tbody>
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<td>5/17/122</td>
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<td>2/Bact X X</td>
</tr>
</tbody>
</table>

Matrix Codes: A = Air, DW = Drinking Water, GW = Groundwater, SW = Storm Water

WV = Wastewater, S = Soil, SED = Sediment, SD = Solid, T = Tissue, O = Oil, L = Liquid

Shipped By: ○ Courier ○ UPS ○ FedEx ○ USPS ○ Client Drop Off ○ Other

Turn-Around-Time: ○ Same Day ○ 1 day ○ 2 day ○ 3 day ○ 4 day ○ 5 day ○ STD (7 day)

Reporting Requirements: ○ Fax ○ PDF ○ Excel ○ Geotracker/EDF ○ Hard Copy ○ EDD

Sample Disposal: ○ X By Laboratory ○ Return to Client ○ P/U or Delivery ○ Archive

Sample Integrity

Correct Containers: Yes No N/A

Containers Properly Preserved: Yes No N/A

Custody Seal: Yes No N/A

Temp at Receipt: 1 C

CO2 Labels: Yes No N/A

Sampled By: Client EMA Autosampler

RELINQUISHED BY: Print

DATE/TIME: 5/19/122

RECEIVED BY: Print

NOTE: Please specify SWMPs. Please report true numeric results between 10-2,400,000 MPN/100mL for Total Coliform and Enterococcus using the Collert and Enterolert methods, respectively, for each.

For each sample, conduct a 3x dilution for reportable MPN (MDL 10-2.4 ml).

Additional costs may apply. Please note there is a $35 minimum charge for all clients.

EMA reserves the right to return any samples that do not match our waste profile.

NOTE: By relinquishing samples to EMA, Inc., client agrees to pay for the services requested on this COC form and any additional analyses performed on this project. Payment for services is due within 30 days from date of invoice. Samples will be disposed of 7 days after report has been finalized unless otherwise noted. All work is subject to EMA's terms and conditions.
**Chain-of-Custody Record**

**Client:** Wood PLC

**Address:** 9177 Sky Park Ct, San Diego, CA 92123

**Phone:** 760-420-5769

**Email:** kate.buckley@woodplc.com

**Billing Address:** 9177 Sky Park Ct, San Diego, CA 92123

**Project ID:** POSD - SIYB Bacteria Special Study

**Please include the following information on invoices:**
- **Project #:** 2015100116.0002B
- **PO #:** N/A
- **Org:** 3151
- **GL:** 573000

**Sample Information:**

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<th>Sample Time</th>
<th>Sample Matrix</th>
<th>Container # / Type</th>
<th>Coiform, X-Total Coliform</th>
<th>Enterooccus, X-MTF X-Enterolent</th>
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<th>DATE/TIME</th>
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</tbody>
</table>

**Matrix Codes:**
- A = Air
- DW = Drinking Water
- GW = Groundwater
- SW = Storm Water
- WW = Wastewater
- S = Soil
- SED = Sediment
- T = Tissue
- O = Oil
- L = Liquid

**Turn-Around-Time:**
- Same Day
- 1 day
- 2 day
- 3 day
- 4 day
- 5 day
- STD (7 day)

**Reporting Requirements:**
- Fax
- PDF
- Excel
- Grotacker/EDF
- Hard Copy
- EDF

**Sample Disposal:**
- Returned to Client: PLU or Delivery
- Archive

**Sample Integrity:**

- Containers Properly Preserved: Yes No N/A
- Sample Seals Intact: Yes No N/A
- Signature
- Print
- Company:

**Sample Disposal:**

- Returned to Client: PLU or Delivery
- Archive

**Special Notes:**
- Use SWAMP EDD. Please report true numeric results between 10-2,400,000 MPN/100mL for Total Coiform and Enterococcus using the Coiform and Enterolent methods, respectively, for each.
- For each sample, conduct a 3x dilution for reportable MPN (MDL 10 - 2.4 mil).
- If field blank is deionized water.

**Additional Costs:**
- Additional costs may apply. Please note there is a $55 minimum charge for all clients.

**Company:**
- EMA reserves the right to return any samples that do not match our waste profile.

**NOTE:**
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**Client:** Wood PLC  
Attn: Kate Buckley, kate.buckley@woodplc.com  
Samplers(s): Wood  
Address: 9177 Sky Park Ct, San Diego, CA 92123  
Phone: 760-420-5769  
Fax:  
Email: kate.buckley@woodplc.com  
Billing Address: 9177 Sky Park Ct, San Diego, CA 92123  
Project ID: POSD-SIYB Bacteria Special Study

Please include the following information on invoices:  
1) Project #: 201510111.0002B  
2) PO #: N/A  
3) Org: 3151  
4) GL: 573000

<table>
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<tr>
<th>ID #</th>
<th>Client Sample ID</th>
<th>Sample Date</th>
<th>Sample Time</th>
<th>Sample Matrix</th>
<th>Container # / Type</th>
<th>Coliform</th>
<th>Enterococcus</th>
<th>MTF</th>
<th>Enroberl</th>
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<th>DATE/TIME</th>
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Matrix Codes:  
A = Air, DW = Drinking Water, GW = Groundwater, SW = Storm Water  
WW = Wastewater, S = Soil, SED = Sediment, SD = Solid, T = Tissue, O = Oil, L = Liquid

**Sample Disposal:**  
A by Laboratory  
B by Client  
C by Mail  
D by Delivery  
E by Archival  
F by Disposal

**Sample Integrity**  
Correct Container: Yes No/A  
Containers Properly Preserved: Yes No/A  
Custody Seals Intact: Yes No/A  
Temp @ Recep:  
COC Labels: Yes No/A  
Sampled By:  
Client:  
EMA:  
Auto sampler:

**NOTE:** Please provide SWAMP EDD. Please report true numeric results between 10-2,000,000 MPN/100mL for Total Coliform and Enterococcus using the Colilert and Enrobelert methods, respectively, for each.

For each sample, conduct a 3x dilution for reportable MPN (MDL 10 - 2.4 ml).

< Salinity = 3.3 ppt

**Additional costs may apply.** Please note there is a $35 minimum charge for all clients.

**EMA reserves the right to return any samples that do not meet our waste profile.**

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13 May 2022

Wood Environment & Infrastructure Solutions, Inc.  
Attn: Kate Buckley  
9177 Sky Park Court  
San Diego, CA 92123

Project:  POSD-Bacteria Shelter Island San Diego Bay/POSD-SIYB Bacteria Special Study/Project:2015100116.0002C/Org:3151/GL:573000

Enclosed are the results of analyses for samples received by the laboratory on 05/10/22 11:57. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. Environmental Laboratory Network, Inc. certifies that this data is in compliance both technically and for completeness.

Jenny Douglas  
President/CEO  
Environmental Laboratory Network, Inc.  
dba EnviroMatrix Analytical  
CA ELAP Certification #: 2564
The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
### Microbiological Parameters by Standard Methods

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
## Microbiological Parameters by Standard Methods

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Microbiological Parameters by Standard Methods - Quality Control

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Notes and Definitions

ND  Analyte NOT DETECTED at or above the reporting limit (or method detection limit when specified)
NR  Not Reported
dry Sample results reported on a dry weight basis (if indicated in units column)
RPD Relative Percent Difference
MDL Method detection limit (indicated per client's request)

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# Chain-of-Custody Record

**Client:** Wood PLC  
**Attrib:** Kate Buckley, kate.buckley@woodplc.com  
**Samplers:** Wood  
**Address:** 9177 Sky Park Ct, San Diego, CA 92123  
**Phone:** 760-420-5769  
**Fax:**  
**Email:** kate.buckley@woodplc.com  
**Billing Address:** 9177 Sky Park Ct, San Diego, CA 92123  
**Project ID:** POSD - STYB Bacteria Special Study  

Please include the following information on invoices:  
1) Project #: 2015BO1116.D0002C  
2) PO #: N/A  
3) Org: 3151  
4) GL: 573000  

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Matrix Codes:  
- **A** = Air, **DW** = Drinking Water, **GW** = Groundwater, **SW** = Storm Water  
- **WW** = Wastewater, **S = Soil, SED** = Sediment, **SD = Solid. T = Tissue, O = Oil, L = Liquid  

**Shipped By:**  
- **C** = Courier  
- **U** = UPS  
- **F** = FedEx  
- **L** = Local  
- **D** = Drop Off  

**Turn-Around-Time:**  
- **S** = Same Day  
- **<1d** = 1 day  
- **<2d** = 2 days  
- **<5d** = 5 days  
- **<7d** = 7 days

**Reporting Requirements:**  
- **F** = Fax  
- **P** = PDF  
- **E** = E-mail  
- **D** = Draft  
- **R** = Rejected  

**Sample Disposal:**  
- **L** = Lab  
- **O** = Official  
- **D** = Delivery  
- **A** = Archive  

**Sample Integrity:**  
- **C** = Correct  
- **N** = No  
- **P** = Properly  
- **T** = Yes  
- **R** = Received  

**COC/Label Agreement:**  
- **F** = File  

**COC/Label Agreement:**  
- **C** = Copy  
- **N** = No  

**Sample By:**  
- **C** = Copy  
- **E** = EMA AutoSampler  

**Sample Intact:**  
- **C** = Correct  
- **N** = No  

**Sample Properly Prepared:**  
- **C** = Correct  
- **N** = No  

**Temp at Receipt:**  
- **C** = Correct  
- **N** = No  

**COC/Label Agreement:**  
- **C** = Copy  
- **N** = No  

**Sample By:**  
- **C** = Copy  
- **E** = EMA AutoSampler  

**NOTE:** Please provide SWAMP EDD. Please report true numbers results between 10-2,000,000 MPN/mL for Total Coliform and Enterococcus using the Collert and Enterokit methods, respectively, for each.

For each sample, conduct a 3x dilution for reportable MPN (MDL 10 - 2.4 mil).

1. Additional costs may apply. Please note there is a $35 minimum charge for all clients.
2. EMA reserves the right to return any samples that do not match our waste profile.

**NOTE:** By relinquishing samples to EMA, Inc., client agrees to pay for the services requested on this COC form and any additional analyses performed on this project. Payment for services due within 30 days from date of invoice. Samples will be disposed of 7 days after report has been finalized unless otherwise noted. All work is subject to EMA's terms and conditions.
# Chain of Custody Record

**EMA LOG #:**

Client: Wood PLC  
Attr: Kate Buckley, kate.buckley@woodplc.com  
Samplers(s): Wood  
Address: 9177 Sky Park Ct, San Diego, CA 92123

**Phone:** 760-420-5769  
**Fax:**

**Billing Address:** 9177 Sky Park Ct, San Diego, CA 92123  
**Project ID:** POSD - SIFYB Bacteria Special Study

Please include the following information on invoices:  
(1) Project #: 201610011a0002a  
(2) PO #: N/A  
(3) Org: 3151  
(4) GL: 573000

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**Matrix Codes:**  
A = Air, DW = Drinking Water, GW = Groundwater, SW = Storm Water  
NW = Wastewater, S = Soil, SED = Sediment, SD = Solid, T = Tissue, O = Od, L = Liquid

**Ship By:**  
- Courier  
- UPS  
- FedEx  
- USPS  
- Client Drop Off  
- Other

**Turn-Around-Time:**  
- Same Day  
- 1 day  
- 2 days  
- 3 days  
- 4 days  
- 5 days  
- STD (7 days)

**Reporting Requirements:**  
- Fax  
- PDF  
- Excel  
- Geotrack/EDF  
- Hard Copy  
- EDT

**Sample Disposal:**  
- X by Laboratory  
- Return to Client  
- P/U or Delivery  
- Archive

**Sample Integrity:**  
- Correct Containers: Yes  
- No N/A  
- Containers Properly Preserved: Yes  
- No N/A  
- Custody Seals intact: Yes  
- No N/A  
- COC/Labels Agree: Yes  
- No N/A

**Sample Received:**  
- Signed  
- Date/Time

**Sample Released:**  
- Signed  
- Date/Time

**Additional costs may apply. Please note there is a $35 minimum charge for all clients.**

**EMAT reserves the right to return any samples that do not match our waste profile.**

**NOTE:** By relinquishing samples to EMA, Inc., client agrees to pay for the services requested on this COC form and any additional analyses performed on this project. Payment for services is due within 30 days from date of invoice. Samples will be disposed of 7 days after report has been finalized unless otherwise noted. All work is subject to EMA's terms and conditions.
# CHAIN-OF-CUSTODY RECORD

## EMA LOG #:  
- **Client:** Wood PLC  
- **Attn:** Kate Buckley, kate.buckley@woodplc.com  
- **Samplers(s):** Wood  
- **Address:** 9177 Sky Park Ct, San Diego, CA 92123  
- **Phone:** 760-420-5769  
- **Fax:**  
- **Email:** kate.buckley@woodplc.com  
- **Billing Address:** 9177 Sky Park Ct, San Diego, CA 92123  
- **Project ID:** POSD - SIYB Bacteria Special Study  
- **Please include the following information on invoices:**  
  - **Project #:** 2015100116.002C  
  - **PO #:** N/A  
  - **Org:** 3151  
  - **GL:** 573000

## Requested Analysis

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<th>E. coli</th>
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<th>MTF</th>
<th>Enterococcus</th>
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**Matrix Codes:**  
- A = Air, DW = Drinking Water, GW = Groundwater, SW = Storm Water  
- WW = Wastewater, S = Soil, SED = Sediment, SD = Solid, T = Tissue, O = Oil, L = Liquid  

**Shipped By:**  
- Courier  
- UPS  
- FedEx  
- USPS  
- X = Client Drop Off  
- Other

**Turn-Around-Time:**  
- Same Day  
- 1 day  
- 2 day  
- 3 day  
- 4 day  
- 5 day  
- X = STD (7 days)

**Reporting Requirements:**  
- EMA AutoSampler  
- EMA Autosampler  
- EMA Autosampler  
- EMA Autosampler

**Sample Integrity:**  
- Sample Properly Preserved  
- No N/A  
- Temp at Receipt  
- Yes  
- No N/A

**COC Labels Agreed:**  
- Yes  
- No N/A

**Sample:**  
- GC sample, salinity: 0.68 ppt

**NOTE:**  
- Please keep SWAMP EDD. Please report true numeric results between 10-2,400,000 MPN/100mL for Total Coliform and Enterococcus using the Coli and Enterocast methods, respectively, for each.

For each sample, conduct a 3x dilution for reportable MPN (MDL 10 - 2.4 mil).

Additional costs may apply. Please note there is a $15 minimum charge for all clients.

*EMA reserves the right to return any samples that do not meet our waste profile.*

NOTE: By relinquishing samples to EMA, Inc., clients agree to pay for the services requested on this COC form and any additional analyses performed on the project. Payment for services is due within 30 days from date of invoice. Samples will be disposed of 7 days after report has been finalized unless otherwise noted. All work is subject to EMA's terms and conditions.
18 May 2022

Wood Environment & Infrastructure Solutions, Inc.  
Attn: Kate Buckley  
9177 Sky Park Court  
San Diego, CA 92123  

Project: POSD-Bacteria Shelter Island San Diego Bay/POS-D-SIYB Bacteria Special Study/Project:2015100116.0002A/Org:3151/GL:573000  

EMA Log #: 22E0454

Enclosed are the results of analyses for samples received by the laboratory on 05/13/22 11:33. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. Environmental Laboratory Network, Inc. certifies that this data is in compliance both technically and for completeness.

Jenny Douglas
President/CEO
Environmental Laboratory Network, Inc.
dba EnviroMatrix Analytical

CA ELAP Certification #: 2564
## ANALYTICAL REPORT FOR SAMPLES

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*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*
### Microbiological Parameters by Standard Methods

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### Microbiological Parameters by Standard Methods

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| **GD-W2 (22E0454-07) Seawater** |        |     |                  |       |          |         |       |                 |                 |        |       |
| Total Coliforms    | 135    | 10  | MPN/100 ml       | 10    | AL       | 2051322 | 05/13/22 15:30 | 05/14/22 15:30 | SM9223 |        |       |
| E. Coli            | ND     | 10  | "                | "     | AL       | "       | 05/13/22 15:30 | 05/14/22 15:30 |        | "     |       |
| Enterococcus       | 30     | 10  | "                | "     | AL       | 2051323 | 05/13/22 15:30 | 05/14/22 15:30 | Idexx |        |       |

| **BS-W2 (22E0454-08) Seawater** |        |     |                  |       |          |         |       |                 |                 |        |       |
| Total Coliforms    | 146    | 10  | MPN/100 ml       | 10    | AL       | 2051322 | 05/13/22 15:30 | 05/14/22 15:30 | SM9223 |        |       |
| E. Coli            | 20     | 10  | "                | "     | AL       | "       | 05/13/22 15:30 | 05/14/22 15:30 |        | "     |       |
| Enterococcus       | 20     | 10  | "                | "     | AL       | 2051323 | 05/13/22 15:30 | 05/14/22 15:30 | Idexx |        |       |

| **KK-W2 (22E0454-09) Seawater** |        |     |                  |       |          |         |       |                 |                 |        |       |
| Total Coliforms    | 20     | 10  | MPN/100 ml       | 10    | AL       | 2051322 | 05/13/22 15:30 | 05/14/22 15:30 | SM9223 |        |       |
| E. Coli            | ND     | 10  | "                | "     | AL       | "       | 05/13/22 15:30 | 05/14/22 15:30 |        | "     |       |
| Enterococcus       | 10     | 10  | "                | "     | AL       | 2051323 | 05/13/22 15:30 | 05/14/22 15:30 | Idexx |        |       |

| **NK-W2 (22E0454-10) Seawater** |        |     |                  |       |          |         |       |                 |                 |        |       |
| Total Coliforms    | 52     | 10  | MPN/100 ml       | 10    | AL       | 2051322 | 05/13/22 15:30 | 05/14/22 15:30 | SM9223 |        |       |
| E. Coli            | ND     | 10  | "                | "     | AL       | "       | 05/13/22 15:30 | 05/14/22 15:30 |        | "     |       |
| Enterococcus       | ND     | 10  | "                | "     | AL       | 2051323 | 05/13/22 15:30 | 05/14/22 15:30 | Idexx |        |       |

| **KB-W2 (22E0454-11) Seawater** |        |     |                  |       |          |         |       |                 |                 |        |       |
| Total Coliforms    | 73     | 10  | MPN/100 ml       | 10    | AL       | 2051322 | 05/13/22 15:30 | 05/14/22 15:30 | SM9223 |        |       |
| E. Coli            | 10     | 10  | "                | "     | AL       | "       | 05/13/22 15:30 | 05/14/22 15:30 |        | "     |       |

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## Microbiological Parameters by Standard Methods

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## Microbiological Parameters by Standard Methods - Quality Control

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Notes and Definitions

ND   Analyte NOT DETECTED at or above the reporting limit (or method detection limit when specified)
NR   Not Reported
dry Sample results reported on a dry weight basis (if indicated in units column)
RPD  Relative Percent Difference
MDL  Method detection limit (indicated per client's request)

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# Chain-of-Custody Record

**EMA Log #:**

Client: Wood PLC

Ann: Kate Buckley, kate.buckley@woodplc.com

Samplers(s): Wood

Address: 9177 Sky Park Ct, San Diego, CA 92123

Phone: 760-420-5769

Fax:

Email: kate.buckley@woodplc.com

Billing Address: 9177 Sky Park Ct, San Diego, CA 92123

Project ID: FOSD - SIYB Bacteria Special Study

---

**Please include the following information on invoices:**

1. **Project #:** 2015100116.0002.AEMA
2. **PO #:** N/A
3. **Org:** 3151
4. **GL:** 573000

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**Matrix Codes:**

- **A** - Air
- **D** - Drinking Water
- **G** - Groundwater
- **S** - Storm Water

- **W** - Wastewater
- **S** - Soil
- **S** - Sediment
- **S** - Solid
- **T** - Tissue
- **O** - Oil
- **L** - Liquid

**Shipped By:**

- **C** - Courier
- **UPS**
- **FedEx**
- **USPS**
- **Client Drop Off**
- **Other**

**Turn-Around-Time:**

- **Same Day**
- **1 Day**
- **2 Days**
- **3 Days**
- **4 Days**
- **5 Days**
- **STD (7 days)**

**Reporting Requirements:**

- **Fax X**
- **PDF X**
- **Excel X**
- **Geotracker/EDF**
- **Hard Copy X**
- **EDT**

**Sample Disposal:**

- **X** By Laboratory
- **Return to Client:**
- **PU or Delivery**
- **Archive**

---

**RELIQUISHED BY**

**DATE/TIME**

**RECEIVED BY**

**Sample Integrity**

---

- **Correct Containers:** Yes No N/A
- **Containers Properly Preserved:** Yes No N/A
- **Custody Seals Intact:** Yes No N/A
- **COC/Labels Agree:** Yes No N/A

**Sample By:**

**Sample Date:**

**Sample Time:**

**Sample Matrix:**

**Container Type:**

---

**NOTE:**

- Please provide SWAMP EDD. Please report true numeric results between 0.2, 0.005-0.009 MPN/100mL for total Coliform and Enterococcus using the Coliform and Enterolert methods, respectively, for each.

For each sample, conduct a 3x dilution for reportable MPN (MDL 10 - 2.4 mil).

---

**Additional costs may apply. Please note there is a $35 minimum charge for all clients.**

**EMA reserves the right to return any samples that do not match our waste profile.**

**NOTE:** By relinquishing samples to EMA, Inc., client agrees to pay for the services requested on this COC form and any additional analyses performed on this project. Payment for services is due within 30 days from date of invoice. Samples will be disposed of 7 days after report has been finalized unless otherwise noted. All work is subject to EMA's terms and conditions.
# Chain-of-Custody Record

## EMA Log #:

**Client:** Wood PLC  
**Attn:** Kate Buckley, kate.buckley@woodplc.com  
**Sampler(s):** Wood  
**Address:** 9177 Sky Park Ct, San Diego, CA 92123  
**Phone:** 760-420-5769  
**Fax:**  
**Email:** kate.buckley@woodplc.com  
**Billing Address:** 9177 Sky Park Ct, San Diego, CA 92123  
**Project ID:** POSD - SIYB Bacteria Special Study

Please include the following information on invoices:  
1) **Project #:** 2015100116.0002A.EMA  
2) **PO #:** N/A  
3) **Org:** 3151  
4) **GL:** 573000

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**Matrix Codes:**  
A = Air, DW = Drinking Water, GW = Groundwater, SW = Storm Water  
WW = Wastewater, S = Soil, SED = Sediment, SD = Solid, T = Tissue, O = Oil, L = Liquid

**Shipped By:**  
☑ Courier ☑ UPS ☑ FedEx ☑ USPS ☑ Client Drop Off ☑ Other

**Turn-Around-Time:**  
☑ Same Day ☑ 1 day ☑ 2 day ☑ 3 day ☑ 4 day ☑ 5 day ☑ STD (7 day)

**Reporting Requirements:**  
☑ Fax ☑ PDF ☑ Excel ☑ GeoTracker/EDF ☑ Hard Copy ☑ EDD

**Sample Disposal:**  
☑ By Laboratory ☑ Return to Client: P/U or Delivery ☑ Archive

**Sample Integrity**

- **Correct Container:** Yes ☑ No N/A  
- **Containers Properly Preserved:** Yes ☑ No N/A  
- **Custody Seals Intact:** Yes ☑ No N/A  
- **COC/Labels Agree:** Yes ☑ No N/A  
- **Sampled By:** EMA Autosampler  
- **Signatures:**  
  - Company:  
  - Client:  
  - Laboratory:  

**NOTE:** Please provide SWAMP EDD. Please report true numeric results between 102-240,000 MPN/100mL for total Coliform and Enterococcus using the Colibert and Enterolert methods, respectively, for each.

For each sample, conduct a 3x dilution for reportable MPN (MDL 10 - 2.4 mil).
27 May 2022

Wood Environment & Infrastructure Solutions, Inc. 
Attn: Kate Buckley
9177 Sky Park Court
San Diego, CA 92123  

Project: POSD-Bacteria Shelter Island San Diego Bay/POSD-SIYB Bacteria Special Study/
Project:2015100116.0002A.EMA/Org:3151/GL:573000

Enclosed are the results of analyses for samples received by the laboratory on 05/20/22 10:35. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. Environmental Laboratory Network, Inc. certifies that this data is in compliance both technically and for completeness.

Jenny Douglas  
President/CEO
Environmental Laboratory Network, Inc.
dba EnviroMatrix Analytical

CA ELAP Certification #: 2564
## ANALYTICAL REPORT FOR SAMPLES

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
Client Name: Wood Environment & Infrastructure Solutions, Inc.  
Project Name: POSD-Bacteria Shelter Island San Diego Bay  
EMA Log #: 22E0691

### Microbiological Parameters by Standard Methods

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
### Microbiological Parameters by Standard Methods

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Microbiological Parameters by Standard Methods

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
### Microbiological Parameters by Standard Methods

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Notes and Definitions

- **ND**: Analyte NOT DETECTED at or above the reporting limit (or method detection limit when specified)
- **NR**: Not Reported
- **dry**: Sample results reported on a dry weight basis (if indicated in units column)
- **RPD**: Relative Percent Difference
- **MDL**: Method detection limit (indicated per client's request)

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## CHAIN-OF-CUSTODY RECORD

**EMA LOG #:**

- **Client:** Wood PLC
- **Attn:** Kate Buckley, kate.buckley@woodplc.com
- **Sampler(s):** Wood
- **Address:** 9177 Sky Park Ct, San Diego, CA 92123
- **Phone:** 760-420-5769
- **Fax:**
- **Email:** kate.buckley@woodplc.com
- **Billing Address:** 9177 Sky Park Ct, San Diego, CA 92123
- **Project ID:** POSD - SIYB Bacteria Special Study

### Please include the following information on invoices:
1. **Project #:** 2015100116.0002A.EMA
2. **PO #:** N/A
3. **Org: 3151**
4. **GL: 573000**

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**Matrix Codes:**
- **A:** Air, **DW:** Drinking Water, **GW:** Groundwater, **SW:** Storm Water
- **WW:** Wastewater, **S:** Soil, **SED:** Sediment, **SD:** Solid, **T:** Tissue, **O:** Oil, **L:** Liquid

**Shipped By:**
- **Courier**
- **UPS**
- **FedEx**
- **USPS**
- **Client Drop Off**
- **Other**

**Turn-Around-Time:**
- **Same Day**
- **1 day**
- **2 day**
- **3 day**
- **4 day**
- **5 day**
- **X STD (7 day)**

**Reporting Requirements:**
- **Fax**
- **PDF**
- **Excel**
- **GeoTracker/EDF**
- **Hard Copy**
- **EDT**

**Sample Disposal:**
- **By Laboratory**
- **Return to Client: P/U or Delivery**
- **Archive**

**Sample Integrity**

- **Correct Containers:** Yes
- **Sample Properly Reserved:** Yes
- **Custody Seals Intact:** Yes
- **Temp at Receipt:**
- **Sampled By:**

**RELINQUISHED BY**

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**NOTE:** Please provide SWAMP EDD. Please report true number results between 0.1, 400,000 MPN/100mL for total coliform and enterococcus using the collifer and enterolert methods, respectively, for each.

For each sample, conduct a 2x dilution for reportable MPN (RL 10 - 2.4 mil).

1. **Additional costs may apply.** Please note there is a $35 minimum charge for all clients.
2. **EMA reserves the right to return any samples that do not match our waste profile.**

**NOTE:** By relinquishing samples to EMA, Inc., client agrees to pay for the services requested on this COC form and any additional analyses performed on this project. Payment for services is due within 30 days from date of invoice. Samples will be disposed of 7 days after report has been finalized unless otherwise noted. All work is subject to EMA's terms and conditions.
# Chain-of-Custody Record

**EMA Log #:**

Client: Wood PLC

Attn: Kate Buckley; kate.buckley@woodplc.com

Samplers(s): Wood

Address: 9177 Sky Park Ct, San Diego, CA 92123

Phone: 760-420-5769

Fax: kate.buckley@woodplc.com

Billing Address: 9177 Sky Park Ct, San Diego, CA 92123

Project ID: POSD - SIYB Bacteria Special Study

Please include the following information on invoices: 

1) Project #: 2015100116.0002.A.EMA

2) PO #: N/A

3) Org #: 3151

4) GL #: 573000

## Requested Analysis

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Matrix Codes: 

- A = Air
- DW = Drinking Water
- GW = Groundwater
- SW = Storm Water
- WW = Wastewater
- S = Soil
- SED = Sediment
- SD = Solid
- T = Tissue
- O = Oil
- L = Liquid

Shipping by: □ Courier □ UPS □ FedEx □ USPS □ Client Drop Off □ Other

Turn Around Time: □ Same Day □ 1 day □ 2 day □ 3 day □ 4 day □ 5 day □ STD (7 day)

Reports required: □ Fax □ PDF □ Excel □ Geotracker/EDF □ Hard Copy □ EDT

Sample Disposal: □ By Laboratory □ Return to Client: P/U or Delivery □ Archive

Sample Integrity: Correct Containers: Yes, N/A Containers Properly Preserved: Yes, N/A

Custody Seals Intact: Yes, N/A Temp at Receipt: □ Lab □ Field

COC/Labels Agree: Yes, N/A Sampled By: EMA

### Note:

- Additional costs may apply. Please note there is a $35 minimum charge for all clients.
- EMA reserves the right to return any samples that do not match our waste profile.
- By relinquishing samples to EMA, Inc., client agrees to pay for the services requested on this COC form and any additional analyses performed on this project. Payment for services is due within 30 days from date of invoice. Samples will be disposed of 7 days after report has been finalized unless otherwise noted. All work is subject to EMA's terms and conditions.
# Chain of Custody Record

**EMA Log #:**

Client: Wood PLC  
Attn: Kate Buckley, kate.buckley@woodplc.com  
Samplers(s): Wood  
Address: 9177 Sky Park Ct, San Diego, CA 92123  
Phone: 760-420-5769  
Fax:  
Email: kate.buckley@woodplc.com  
Billing Address: 9177 Sky Park Ct, San Diego, CA 92123  
Project ID: POSD - SIYB Bacteria Special Study

Please include the following information on invoices: 1) Project #:  
(2) PO #: N/A  
(3) Org: 3151  
(4) GL: 573000

## Requested Analysis

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<th>MTF</th>
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</tbody>
</table>

Matrix Codes:  

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- DW = Drinking Water  
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- SW = Storm Water  
- WW = Wastewater  
- S = Soil  
- SD = Sediment  
- O = Od  
- L = Liquid

Shipped By:  
- Courier  
- UPS  
- FedEx  
- USPS  
- Client Drop Off  
- Other

Turn-Around-Time:  
- Same Day  
- 1 day  
- 2 day  
- 3 day  
- 4 day  
- 5 day  
- STD (7 days)

Reporting Requirements:  
- Fax  
- PDF  
- Excel  
- Geotracker/EDF  
- Hard Copy  
- EDT

Sample Disposal:  
- X by Laboratory  
- Return to Client: P/U or Delivery  
- Archive

Sample Integrity

Correct Containers:  
- Yes  
- No  
- N/A

Containers Properly Preserved:  
- Yes  
- No  
- N/A

Temp @ Receipt:  
- Yes  
- No  
- N/A

COC Labels:  
- Yes  
- No  
- N/A

Sampled By:  
- Client  
- EMA Autosampler

NOTE: Please provide SWAMP EDD. Please report true numeric results between 10-2,401,000 MPN/100ml for total coliform and enterococcus using the Colilert and Enterolert methods, respectively, for each.

For each sample, conduct a 2x dilution for reportable MPN (RL 10 - 2.4 mil).

Salinity measured @ 0.75 ppt

Additional costs may apply. Please note there is a $35 minimum charge for all clients.

EMI reserves the right to return any samples that do not match our waste profile.

NOTE: By relinquishing samples to EMA, Inc., client agrees to pay for the services requested on this COC form and any additional analyses performed on this project. Payment for services is due within 30 days from date of invoice. Samples will be disposed of 7 days after report has been finalized unless otherwise noted. All work is subject to EMA's terms and conditions.
27 May 2022

Wood Environment & Infrastructure Solutions, Inc.  
Attn: Kate Buckley  
9177 Sky Park Court  
San Diego, CA 92123  

Project: POSD-Bacteria Shelter Island San Diego Bay/POSD-SIYB Bacteria Special Study/Project:2015100116.0002B.EMA/Org:3151/GL:573000  

Enclosed are the results of analyses for samples received by the laboratory on 05/21/22 10:30. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. Environmental Laboratory Network, Inc. certifies that this data is in compliance both technically and for completeness.

Jenny Douglas  
President/CEO  
Environmental Laboratory Network, Inc.  
dba EnviroMatrix Analytical  

CA ELAP Certification #: 2564
### ANALYTICAL REPORT FOR SAMPLES

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<th>Matrix</th>
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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
### Microbiological Parameters by Standard Methods

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
### Microbiological Parameters by Standard Methods

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### Microbiological Parameters by Standard Methods

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| Total Coliforms              | 52     | 10  | MPN/100 ml      | 10    | CC       | 2052348 | 05/21/22 12:30 | 05/22/22 12:30 | SM9223                |
| E. Coli                     | 10     | 10  | "              | "     | CC       | "       | 05/21/22 12:30 | 05/22/22 12:30 | "                    |
| Enterococcus                | 10     | 10  | "              | "     | CC       | 2052349 | 05/21/22 12:30 | 05/22/22 12:30 | Idexx                  |

**OF2-WKD2 (22E0720-13) Seawater** | Sampled: 05/21/22 07:00 | Received: 05/21/22 10:30 |
| Total Coliforms              | 58800  | 1000 | MPN/100 ml     | 1000  | CC       | 2052348 | 05/21/22 12:30 | 05/22/22 12:30 | SM9223                |
| E. Coli                     | 3100   | 1000 | "              | "     | CC       | "       | 05/21/22 12:30 | 05/22/22 12:30 | "                    |
| Enterococcus                | 19900  | 10  | "              | 10    | CC       | 2052349 | 05/21/22 12:30 | 05/22/22 12:30 | Idexx                  |

**OF2-DW-3 (22E0720-14) Seawater** | Sampled: 05/21/22 07:10 | Received: 05/21/22 10:30 |
| Total Coliforms              | 41100  | 1000 | MPN/100 ml     | 1000  | CC       | 2052348 | 05/21/22 12:30 | 05/22/22 12:30 | SM9223                |
| E. Coli                     | 2000   | 1000 | "              | "     | CC       | "       | 05/21/22 12:30 | 05/22/22 12:30 | "                    |
| Enterococcus                | 41100  | 100  | "              | 100   | CC       | 2052349 | 05/21/22 12:30 | 05/22/22 12:30 | Idexx                  |

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*
**Microbiological Parameters by Standard Methods - Quality Control**

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Notes and Definitions

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**Request for Analysis**

**Project #:** 2015100116.0002 BMA

**PO #:** N/A  **Organization:** 3151  **GL:** 573000

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**Matrix Codes:**

- **A:** Air
- **DW:** Drinking Water
- **GW:** Groundwater
- **SW:** Storm Water
- **WW:** Wastewater
- **S:** Soil
- **SED:** Sediment
- **SD:** Solid
- **T:** Tissue
- **O:** Oil
- **L:** Liquid

**Sample Integrity:**

- Correct Containers: Yes/No N/A
- Custody Seals Intact: Yes/No N/A
- Sample Integrity: Yes/No N/A

**Sample Disposal:**

- By Laboratory
- Return to Client: PUO Delivery
- Archive

**Turn-Around Time:**

- Same Day
- 1 day
- 2 day
- 3 day
- 4 day
- 5 day
- STD (7 day)

**Reporting Requirements:**

- Fax
- PDF
- Excel
- Geotracker/EDF
- Hard Copy
- EDT

**Shipping:**

- Courier
- UPS
- FedEx
- USPS
- Client Drop Off
- Other

**Company:** Wood PLC

**Signature:**

**Additional Notes:**

1. Additional costs may apply. Please note there is a $35 minimum charge for all clients.

2. EMA reserves the right to return any samples that do not match our waste profile.

**NOTE:** By relinquishing samples to EMA, Inc., client agrees to pay for the services requested on this COC form and any additional analyses performed on this project. Payment for services is due within 30 days from date of invoice. Samples will be disposed of 7 days after report has been finalized unless otherwise noted. All work is subject to EMA's terms and conditions.
### CHAIN-OF-CUSTODY RECORD

**EMA LOG #:**

- **Client:** Wood PLC
- **Attn:** Kate Buckley, kate.buckley@woodplc.com
- **Samplers(s):** Wood
- **Address:** 9177 Sky Park Ct, San Diego, CA 92123
- **Phone:** 760-420-5769
- **Fax:**
- **Email:** kate.buckley@woodplc.com
- **Billing Address:** 9177 Sky Park Ct, San Diego, CA 92123
- **Project ID:** POSD - SIYB Bacteria Special Study

**Please include the following information on invoices:**
1. **Project #:** 2015100116.0002.B.EMA
2. **PO #:** N/A
3. **Org:** 3151
4. **GL:** 573000

#### Requested Analysis

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**Matrix Codes:**
- A = Air, DW = Drinking Water, GW = Groundwater, SW = Storm Water
- W = WasteWater, S = Soil,SED = Sediment, SD = Solid, T = Tissue, O = Oil, L = Liquid

**Shipped By:**
- 05 = Courier
- 02 = UPS
- 06 = FedEx
- 04 = USPS
- X = Client Drop Off
- Other

**Turn-Around-Time:**
- 01 = Same Day
- 02 = 1 day
- 03 = 2 day
- 04 = 3 day
- 05 = 4 day
- 06 = 5 day
- 07 = 6 day
- 08 = 7 day
- 09 = STD (7 day)

**Reporting Requirements:**
- Fax
- PDF
- Excel
- GeoTracker/EDF
- Hard Copy
- EDI

**Sample Disposal:**
- X = By Laboratory
- ✗ = Return to Client
- F/U = Delivery
- Archival

**Sample Integrity**

**Correct Containers:**
- Yes [ ] No [ ] N/A [ ]

**Containers Properly Preserved:**
- Yes [ ] No [ ] N/A [ ]

**Custody Seals Intact:**
- Yes [ ] No [ ] N/A [ ]

**Temp @ Receipt:**
- 01 = 0°F to 4°F
- 02 = 4°F to 7°F
- 03 = 7°F to 10°F
- 04 = 10°F to 12°F
- 05 = 12°F to 15°F
- 06 = 15°F to 18°F
- 07 = 18°F to 21°F
- 08 = 21°F to 24°F
- 09 = 24°F to 27°F
- 10 = 27°F to 30°F

**COC/Label Agree:**
- Yes [ ] No [ ] N/A [ ]

**Sampled By:**
- Client [ ] EMA Autosampler [ ]

**Signed:**
- Signature [ ] Print [ ]

**Relinquished By:**
- Signature [ ] Print [ ]

**Date/Time:**
- 5/21/22
- 10:30

**Received By:**
- Signature [ ] Print [ ]

**NOTE:**
- Please provide SWAMP EDD. Please report true numeric results between 10-2,400,000 MPN/100ml for Total Coliform and Enterococcus using the Coblett and Enterolert methods, respectively, for each.
- For each sample, conduct a 2x dilution for reportable MPN (RL 10 - 2.4 mil).

---

1. Additional costs may apply. Please note there is a $35 minimum charge for all clients.
2. EMA reserves the right to return any samples that do not match our waste profile.

**NOTE:** By relinquishing samples to EMA, Inc., client agrees to pay for the services requested on this COC form and any additional analyses performed on this project. Payment for services is due within 30 days from date of invoice. Samples will be disposed of 7 days after report has been finalized unless otherwise noted. All work is subject to EMA's terms and conditions.
27 May 2022

Wood Environment & Infrastructure Solutions, Inc.  EMA Log #: 22E0758
Attn: Kate Buckley
9177 Sky Park Court
San Diego, CA 92123

Project:  POSD-Bacteria Shelter Island San Diego Bay/POSD-SIYB Bacteria Special Study/
Project:2015100116.0002A.EMA/Org:3151/GL:573000

Enclosed are the results of analyses for samples received by the laboratory on 05/23/22 11:43. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. Environmental Laboratory Network, Inc. certifies that this data is in compliance both technically and for completeness.

Jenny Douglas
President/CEO
Environmental Laboratory Network, Inc.
dba EnviroMatrix Analytical

CA ELAP Certification #: 2564
The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
## Microbiological Parameters by Standard Methods

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| REF-1-W4 (22E0758-12) Seawater | Sampled: 05/23/22 08:00 | Received: 05/23/22 11:43 |
| Total Coliforms       | ND     | 10  | MPN/10 ml       | 10    | AZ       | 2052354 | 05/23/22 13:30 | 05/24/22 13:30 | SM9223 |
| E. Coli              | ND     | 10  | "              | "     | AZ       | "       | 05/23/22 13:30 | 05/24/22 13:30 | "     |
| Enterococcus         | ND     | 10  | "              | "     | AL       | 2052355 | 05/23/22 13:30 | 05/24/22 13:30 | Idexx |

| A1-1-W4 (22E0758-13) Seawater | Sampled: 05/23/22 09:45 | Received: 05/23/22 11:43 |
| Total Coliforms       | 145    | 10  | MPN/100 ml      | 10    | AZ       | 2052354 | 05/23/22 13:30 | 05/24/22 13:30 | SM9223 |
| E. Coli              | ND     | 10  | "              | "     | AZ       | "       | 05/23/22 13:30 | 05/24/22 13:30 | "     |
| Enterococcus         | 10     | 10  | "              | "     | AL       | 2052355 | 05/23/22 13:30 | 05/24/22 13:30 | Idexx |

| A1-2-W4 (22E0758-14) Seawater | Sampled: 05/23/22 09:55 | Received: 05/23/22 11:43 |
| Total Coliforms       | 52     | 10  | MPN/100 ml      | 10    | AZ       | 2052354 | 05/23/22 13:30 | 05/24/22 13:30 | SM9223 |
| E. Coli              | 20     | 10  | "              | "     | AZ       | "       | 05/23/22 13:30 | 05/24/22 13:30 | "     |
| Enterococcus         | ND     | 10  | "              | "     | AL       | 2052355 | 05/23/22 13:30 | 05/24/22 13:30 | Idexx |

| A1-3-W4 (22E0758-15) Seawater | Sampled: 05/23/22 10:00 | Received: 05/23/22 11:43 |
| Total Coliforms       | 74     | 10  | MPN/100 ml      | 10    | AZ       | 2052354 | 05/23/22 13:30 | 05/24/22 13:30 | SM9223 |
| E. Coli              | 10     | 10  | "              | "     | AZ       | "       | 05/23/22 13:30 | 05/24/22 13:30 | "     |
| Enterococcus         | ND     | 10  | "              | "     | AL       | 2052355 | 05/23/22 13:30 | 05/24/22 13:30 | Idexx |

| FB-W4 (22E0758-16) Blank Water | Sampled: 05/23/22 10:25 | Received: 05/23/22 11:43 |
| Total Coliforms       | ND     | 10  | MPN/10 ml       | 10    | AZ       | 2052354 | 05/23/22 13:30 | 05/24/22 13:30 | SM9223 |
| E. Coli              | ND     | 10  | "              | "     | AZ       | "       | 05/23/22 13:30 | 05/24/22 13:30 | "     |
| Enterococcus         | ND     | 10  | "              | "     | AL       | 2052355 | 05/23/22 13:30 | 05/24/22 13:30 | Idexx |

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
### Microbiological Parameters by Standard Methods - Quality Control

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<th>Result</th>
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<th>Reporting Limit</th>
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</table>

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
Notes and Definitions

ND  Analyte NOT DETECTED at or above the reporting limit (or method detection limit when specified)
NR  Not Reported
dry Sample results reported on a dry weight basis (if indicated in units column)
RPD Relative Percent Difference
MDL Method detection limit (indicated per client's request)
### Chain of Custody Record

**EMA Log #:**

Client: Wood PLC  
Att: Kate Buckley, kate.buckley@woodplc.com  
Samplers(s): Wood  
Address: 9177 Sky Park Ct, San Diego, CA 92123  
Phone: 760-420-5769  
Fax:  
Email: kate.buckley@woodplc.com  
Billing Address: 9177 Sky Park Ct, San Diego, CA 92123  
Project ID: POSD - SYI Bacteria Special Study

Please include the following information on invoices: 1) Project #: 2015100116.0002A.EMA  
2) PO #: N/A  
3) Org: 3151  
4) GL: 573000

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<thead>
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<th>ID</th>
<th>Client Sample ID</th>
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<th>Time</th>
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<th>Sample</th>
<th>Incubation</th>
<th>Container</th>
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**Matrix Codes:**  
A = Air, DW = Drinking Water, GW = Groundwater, SW = Storm Water  
WW = Wastewater, S = Soil, SED = Sediment, SD = Solid, T = Tissue, O = Oil, L = Liquid

**Shipped By:**  
- Courier  
- UPS  
- FedEx  
- USPS  
- Client Drop Off  
- Other

**Turn-Around Time:**  
- Same Day  
- 1 day  
- 2 day  
- 3 day  
- 4 day  
- 5 day  
- STD (7 day)

**Reporting Requirements:**  
- Fax  
- PDF  
- X Excel  
- Geotracker/EDF  
- Hard Copy  
- EDT

**Sample Disposal:**  
- By Laboratory  
- Return to Client: P/U or Delivery  
- Archive

**Sample Integrity:**  
- Correct Containers: Yes  
- No N/A

**Custody Seals Intact:**  
- Yes  
- No  
- N/A

**COC Labels Agree:**  
- Yes  
- No  
- N/A

**Signature:**

**Relinquished By:**

**Date/Time:**

**Received By:**

**NOTE:** Please provide SWAMP EDD. Please report true numeric results between 10-200,000 MPN/100mL for total Coliform and Enterococcus using the Colwell and Enterolert methods, respectively, for each.

*For each sample, conduct a 2x dilution for reportable MPN (RL 10 - 2.4 mill).*

Additional costs may apply. Please note there is a $35 minimum charge for all clients.

EMA reserves the right to return any samples that do not match our waste profile.

NOTE: By relinquishing samples to EMA, Inc., client agrees to pay for the services requested on this COC form and any additional analyses performed on this project. Payment for services is due within 30 days of date of invoice. Samples will be disposed of 7 days after report has been finalized unless otherwise noted. All work is subject to EMA's terms and conditions.
# CHAIN-OF-CUSTODY RECORD

## EMA LOG #:

**Client:** Wood PLC  
**Attn:** Kate Buckley, kate.buckley@woodplc.com  
**Samplers(s):** Wood  
**Address:** 9177 Sky Park Ct, San Diego, CA 92123  
**Phone:** 760-420-5769  
**Fax:**  
**Email:** kate.buckley@woodplc.com  
**Billing Address:** 9177 Sky Park Ct, San Diego, CA 92123  
**Project ID:** POSD - SYB Bacteria Special Study  

Please include the following information on invoices:

1. **Project #:** 2015010116.0002A.EMA  
2. **PO #:** N/A  
3. **Org:** 3151  
4. **GL:** 573000

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## Requested Analysis

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</table>

**Matrix Codes:**  
- **A:** Air  
- **DW:** Drinking Water  
- **GW:** Groundwater  
- **SW:** Storm Water  
- **WW:** Wastewater  
- **S:** Soil  
- **SED:** Sediment  
- **SD:** Solid  
- **T:** Tuareg  
- **O:** Oil  
- **L:** Liquid

**Shipped By:**  
- □ Courier  
- □ UPS  
- □ FedEx  
- □ USPS  
- □ Client Drop Off  
- □ Other

**Turn-Around-Time:**  
- □ Same Day  
- □ 1 day  
- □ 2 day  
- □ 3 day  
- □ 4 day  
- □ 5 day  
- □ 7 day  
- □ STD (7 day)

**Reporting Requirements:**  
- □ Fax  
- □ PDF  
- □ Excel  
- □ Geotracker/EDF  
- □ Hard Copy  
- □ EDI

**Sample Disposal:**  
- □ By Laboratory  
- □ Return to Client: P/U or Delivery  
- □ Archive

**Sample Integrity:**  
- □ Correct Containers: Yes  
- □ No N/A  
- □ Containers Properly Preserved: Yes  
- □ No N/A  
- □ Custody Seals Intact: Yes  
- □ No N/A  
- □ Temp @ Receipt: 15°C ± 2°C  
- □ Actual Temp: 15°C ± 2°C  
- □ Sampled By: Client EMA Auto sampler

**RELINQUISHED BY:**  
- Signature: [Signature]
  - Print: [Print]
  - Date/Time: 5/13/22 11:43

**DATE/TIME RECEIVED BY:**  
- Company: [Company]
  - Signature: [Signature]
  - Print: [Print]

**NOTE:** Please provide SWAMP EDF. Please report true numeric results between 10^2, 400,000 MPN/100mL for total coliform and Enterococcus using the Cohorts and Enterolert methods, respectively, for each.  
For each sample, conduct a 2x dilution for reportable MPN (RL 10 - 2.4 ml).

---

1. Additional costs may apply. Please note there is a $35 minimum charge for all clients.  
2. EMA reserves the right to return any samples that do not match our waste profile.  

**NOTE:** By relinquishing samples to EMA, Inc., client agrees to pay for the services requested on this COC form and any additional analyses performed on this project. Payment for services is due within 30 days from date of invoice. Samples will be disposed of 7 days after report has been finalized unless otherwise noted. All work is subject to EMA’s terms and conditions.
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<tr>
<th>ID #</th>
<th>Client Sample ID</th>
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<th>Sample Time</th>
<th>Sample Matrix</th>
<th>Container # / Type</th>
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<th>EMT, Colony</th>
<th>Enterolert</th>
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<th>DATE/TIME</th>
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</table>

Matrix Codes:  
A - Air, DW - Drinking Water, GW - Groundwater, SW - Storm Water  
WW - Wastewater, S - Soil,SED - Sediment, SD - Solid, T - Tissue, O - Oil, L - Liquid

Reported by:  
Company: Wood

Sample Integrity  
Correct Container: Yes
Custody Seals Intact: Yes
COC/Labels Agree: Yes
Sample by: EMA Auto sampler

NOTE: Please provide SWAMP EDD. Please report true numeric results between 10-2,400,000 MPN/100mL for Total Coliform and Enterococcus using the Colilert and Enterolert methods, respectively, for each. For each sample, conduct a 2x dilution for reportable MPN (RI: 10 - 2.4 ml).