



<!\> first date on sheet

YYYY

MM

DD

#

#

#

OPERATOR(S) INITIALS

LOG-SAMPLES_

| | | |
|--|--|--|
| | | |
|--|--|--|

_STATION-

| | | |
|---|---|---|
| 0 | 0 | 0 |
|---|---|---|

_UDW-AEROSOLS

| |
|--|
| |
|--|

| LPM START 35:60:35 | UTC DATE/TIME START (YYYY.MM.DD HH:MM) <u>when you put NEW FILTERS IN</u> | AI petri-slide RT >10°C | AS Cryo-2mL LN2 #2 | AF Whirlpack FRZ -20°C | Activity Tick as many as needed | LPM END 35:60:35 | UTC DATE/TIME END (YYYY.MM.DD HH:MM) <u>when you take FILTERS OUT</u> |
|-----------------------|---|-------------------------------|--------------------------|------------------------------|--|---------------------|---|
| 1 [] 35:60:35 | [] morning [] evening | AI mm-dd hh:mm | AS mm-dd hh:mm | AF mm-dd hh:mm | [] sailing [] on station [] in port | [] 35:60:35 | [] morning [] evening |
| 2 [] 35:60:35 | [] morning [] evening | AI mm-dd hh:mm | AS mm-dd hh:mm | AF mm-dd hh:mm | [] sailing [] on station [] in port | [] 35:60:35 | [] morning [] evening |
| 3 [] 35:60:35 | [] morning [] evening | AI mm-dd hh:mm | AS mm-dd hh:mm | AF mm-dd hh:mm | [] sailing [] on station [] in port | [] 35:60:35 | [] morning [] evening |
| 4 [] 35:60:35 | [] morning [] evening | AI mm-dd hh:mm | AS mm-dd hh:mm | AF mm-dd hh:mm | [] sailing [] on station [] in port | [] 35:60:35 | [] morning [] evening |
| CONTROL | END time on line above | AI mm-dd hh:mm | AS mm-dd hh:mm | AF mm-dd hh:mm | Do this after putting filters for the next sampling , i.e. you put in a first set of filters and store them immediately for the control, and you put in a second set of filters for the next sampling | | |
| 5 [] 35:60:35 | [] morning [] evening | AI mm-dd hh:mm | AS mm-dd hh:mm | AF mm-dd hh:mm | [] sailing [] on station [] in port | [] 35:60:35 | [] morning [] evening |
| 6 [] 35:60:35 | [] morning [] evening | AI mm-dd hh:mm | AS mm-dd hh:mm | AF mm-dd hh:mm | [] sailing [] on station [] in port | [] 35:60:35 | [] morning [] evening |



COMMENTS

1

2

3

4

5

6

7



<|> first date on sheet

YYYY

MM

DD

#

#

#

OPERATOR(S) INITIALS

LOG-SAMPLES_

| | | |
|--|--|--|
| | | |
|--|--|--|

_STATION-

| | | |
|---|---|---|
| 0 | 0 | 0 |
|---|---|---|

_ASM-SS

| |
|--|
| |
|--|

| | UTC DATE/TIME START (YYYY.MM.DD HH:MM) <u>when you put NEW FILTERS IN</u> | ASM Whirlpack FRZ -20°C | Filter serial n° | Activity Tick as many as needed | UTC DATE/TIME END (YYYY.MM.DD HH:MM) <u>when you take FILTERS OUT</u> |
|----------------|---|-------------------------------|------------------|--|---|
| | [] morning [] evening | ASM mm-dd hh:mm | | [] sailing [] on station [] in port | [] morning [] evening |
| | [] morning [] evening | ASM mm-dd hh:mm | | [] sailing [] on station [] in port | [] morning [] evening |
| | [] morning [] evening | ASM mm-dd hh:mm | | [] sailing [] on station [] in port | [] morning [] evening |
| | [] morning [] evening | ASM mm-dd hh:mm | | [] sailing [] on station [] in port | [] morning [] evening |
| CONTROL | END time on line above | ASM mm-dd hh:mm | | Do this after putting filters for the next sampling , i.e. you put in a first set of filters and store them immediately for the control, and you put in a second set of filters for the next sampling | |
| | [] morning [] evening | ASM mm-dd hh:mm | | [] sailing [] on station [] in port | [] morning [] evening |
| | [] morning [] evening | ASM mm-dd hh:mm | | [] sailing [] on station [] in port | [] morning [] evening |



| | COMMENTS |
|---|----------|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |

1

2

3

4

5

6

7



YYYY

MM

DD

HH

MM

#

#

#

OPERATOR(S) INITIALS

_STATION-

_SML

Water Collection

Number of dips:

Volume Collected (L)

Protocol

Quantity, Container Storage

Replicate 1

Replicate 2

Replicate 3

Comments

SML-FC

Cryotube (2ml)
1.5ml sample + 30 µl Glute 25%
LN2 (-80°C)

SML-FC-1

SML-FC-2

SML-CP

Cryotube (5ml)
3ml sample + 750 µl Glycerol
RT (-80°C)

SML-CS-1

SML-CS-2

SML-CS-3

SML-320

Cryotube (2ml)
Filter 3µm PC
LN2 (-80°C)

SML-320-1

SML-320-2

SML-320-3

SML-023

Cryotube (2ml)
Filter 0.22µm PC
LN2 (-80°C)

SML-023-1

SML-023-2

SML-023-3

YYYY

MM

DD

HH

MM

#

#

#

OPERATOR(S) INITIALS

_STATION-

_SML

Water Collection

Number of dips:

Volume Collected (L)

Protocol

Quantity, Container Storage

Replicate 1

Replicate 2

Replicate 3

Comments

SML-FC

Cryotube (2ml)
1.5ml sample + 30 µl Glute 25%
LN2 (-80°C)

SML-FC-1

SML-FC-2

SML-CP

Cryotube (5ml)
3ml sample + 750 µl Glycerol
RT (-80°C)

SML-CS-1

SML-CS-2

SML-CS-3

SML-320

Cryotube (2ml)
Filter 3µm PC
LN2 (-80°C)

SML-320-1

SML-320-2

SML-320-3

SML-023

Cryotube (2ml)
Filter 0.22µm PC
LN2 (-80°C)

SML-023-1

SML-023-2

SML-023-3



| | | | | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|-----------|---|---|----------------------|
| YYYY | MM | DD | HH | MM | # | # | # | OPERATOR(S) INITIALS |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | 0 | 0 | 0 | <input type="text"/> |
| | | | | | _STATION- | | | _SML |

Water Collection Number of dips: Volume Collected (L)

| Protocol | Quantity Container storage | Replicate 1 | Replicate 2 | Replicate 3 | Comments |
|----------|---|----------------|----------------|----------------|----------|
| SML-FC | Cryotube (2ml) 1.5ml sample + 30 µl Glute 25% LN2 (-80°C) | ### SML-FC-1 | ### SML-FC-2 | | |
| SML-CP | Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C) | ### SML-CS-1 | ### SML-CS-2 | ### SML-CS-3 | |
| SML-320 | Cryotube (2ml) Filter 3µm PC LN2 (-80°C) | ### SML-320-1 | ### SML-320-2 | ### SML-320-3 | |
| SML-023 | Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C) | ### SML-023-1 | ### SML-023-2 | ### SML-023-3 | |



YYYY

MM

DD

#

OPERATOR(S) INITIALS

_STATION-

_BVOC

<|> first date on sheet

| mLPM start [100] [100] [100] | UTC DATE/TIME START (YYYY.MM.DD HH:MM) <u>when you put NEW tubes IN</u> | BVOC-1 | BVOC-2 | BVOC-3 | mLPM End [100] [100] [100] | UTC DATE/TIME END (YYYY.MM.DD HH:MM) <u>when you take tubes OUT</u> |
|---------------------------------|---|--------------|--------------|--------------|-------------------------------|---|
| 1. [] 100:100:100 | | ### BVOC-1-1 | ### BVOC-2-1 | ### BVOC-3-1 | [] 100:100:100 | |
| 2. [] 100:100:100 | | ### BVOC-1-2 | ### BVOC-2-2 | ### BVOC-3-2 | [] 100:100:100 | |
| 3. [] 100:100:100 | | ### BVOC-1-3 | ### BVOC-2-3 | ### BVOC-3-3 | [] 100:100:100 | |
| 4. [] 100:100:100 | | ### BVOC-1-4 | ### BVOC-2-4 | ### BVOC-3-4 | [] 100:100:100 | |
| 5. [] 100:100:100 | | ### BVOC-1-5 | ### BVOC-2-5 | ### BVOC-3-5 | [] 100:100:100 | |
| 6. [] 100:100:100 | | ### BVOC-1-6 | ### BVOC-2-6 | ### BVOC-3-6 | [] 100:100:100 | |
| 7. [] 100:100:100 | | ### BVOC-1-7 | ### BVOC-2-7 | ### BVOC-3-7 | [] 100:100:100 | |



| Replicates | COMMENTS |
|------------|----------|
| 1. | |
| 2. | |
| 3. | |
| 4. | |
| 5. | |
| 6. | |
| 7. | |



<|> first date on sheet

YYYY

MM

DD

#

#

#

LOG-SAMPLES_

_STATION-

0 0 0

_UDW-WATER-BIO

| UTC DATE/TIME START (YYYY.MM.DD HH:MM) | Operator Initials | ● HP Cryo-2mL LN2 #2 | Filtration Volume (mL) | Filtration Duration (minutes) | ● FC-P Cryo-2mL LN2 #3 | ● FC-G Cryo-2mL LN2 #3 | SAL Bottle-150mL RT >10°C | TSG Temp (°C) | TSG Sal (psu) |
|--|-------------------|---|---|-------------------------------|---|--|---------------------------|-------------------------------|---------------|
| | | HP mm-dd hh:mm | [] 150* [] 250* [] 680 [] 1080 [] 2270 | [] 30' [] 60' min. | FC-P mm-dd hh:mm | FC-G mm-dd hh:mm | SAL mm-dd hh:mm | | |
| | | HP mm-dd hh:mm | [] 150* [] 250* [] 680 [] 1080 [] 2270 | [] 30' [] 60' min. | FC-P mm-dd hh:mm | FC-G mm-dd hh:mm | SAL mm-dd hh:mm | | |
| | | HP mm-dd hh:mm | [] 150* [] 250* [] 680 [] 1080 [] 2270 | [] 30' [] 60' min. | FC-P mm-dd hh:mm | FC-G mm-dd hh:mm | SAL mm-dd hh:mm | | |
| | | HP mm-dd hh:mm | [] 150* [] 250* [] 680 [] 1080 [] 2270 | [] 30' [] 60' min. | FC-P mm-dd hh:mm | FC-G mm-dd hh:mm | SAL mm-dd hh:mm | | |
| | | HP mm-dd hh:mm | [] 150* [] 250* [] 680 [] 1080 [] 2270 | [] 30' [] 60' min. | FC-P mm-dd hh:mm | FC-G mm-dd hh:mm | SAL mm-dd hh:mm | | |
| | | HP mm-dd hh:mm | [] 150* [] 250* [] 680 [] 1080 [] 2270 | [] 30' [] 60' min. | FC-P mm-dd hh:mm | FC-G mm-dd hh:mm | SAL mm-dd hh:mm | | |
| CONTROL with fresh FSW | | HP-C mm-dd hh:mm | [] 1L [] 2L L | [] 30' [] 60' min. | | | | CONTROL with fresh FSW | |



| | Longitude (decimal degree: +/-XX.XXXX) | Latitude (decimal degree: +/-XX.XXXX) | COMMENTS |
|---|--|---------------------------------------|----------|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |