



LOG\_SAMPLES\_ YYYY MM DD # # # \_STATION- \_W-LAB-142-1

2023 06 30 0 4 5

OPERATOR(S) JOB

Depth Replicate	S320 Cryo-5mL LN2 #1	S023 Cryo-5mL LN2 #1	Filtration Volume (Litres)	Filtration Duration (minutes)	S<02 Cryo-5mL FRG +4°C	Filtration Volume (Litres)
Z00 R01 m	112497141	112497142	[ ] 20L [ ] 50L 10 L	<input checked="" type="checkbox"/> 15' [ ] 60' min.	112497145	[ ] 10L [ ] 20L 10 L
Z00 R02 m	112497143	112497144	[ ] 20L [ ] 50L 10L	<input checked="" type="checkbox"/> 15' [ ] 60' min.	112497146	[ ] 10L [ ] 20L 9 L
Z02 R01 m	###-Z02 S320-1	###-Z02 S023	[ ] 20L [ ] 50L L	[ ] 15' [ ] 60' min.	###-Z02 S<02	[ ] 10L [ ] 20L L
Z02 R02 m	###-Z02 S320-2	###-Z02 S023-2	[ ] 20L [ ] 50L L	[ ] 15' [ ] 60' min.	###-Z02 S<02-2	[ ] 10L [ ] 20L L
Depth Replicate	P320 Cryo-5mL LN2 #1	P023 Cryo-5mL LN2 #1	Filtration Volume (Litres)	Filtration Duration (minutes)	< 0.2 µm	
Z00 m	112497147	112497148	[ ] 20L [ ] 50L 15L	[ ] 15' <input checked="" type="checkbox"/> 60' min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2	
Z02 m	###-Z02 P320	###-Z02 P023	[ ] 20L [ ] 50L L	[ ] 15' [ ] 60' min.		
Depth Replicate	S320-L 15mL falcon -20°C + 10 mL Nucleoprotect	S023-L 15mL falcon -20°C + 10 mL Nucleoprotect	Filtration Volume (Litres)	Filtration Duration (minutes)		
Z00 m	112557756	112557757	[ ] 20L [ ] 50L 20 L	[ ] 15' <input checked="" type="checkbox"/> 60 min.		
Z02 m	###-Z02 S320-L	###-Z02 S023-L	[ ] 20L [ ] 50L L	[ ] 15' [ ] 60 min.		




Depth Replicate		COMMENTS S###
Z00	R01	
	m	
Z00	R02	
	m	
Z02	R01	
	m	
Z02	R02	
	m	
Depth		COMMENTS P###
Z00		
	m	
Z02		
	m	
Depth		COMMENTS S###L
Z00		
	m	
Z02		
	m	



LOG\_SAMPLES\_   
 \_STATION-    \_W-LAB-142-SS-1

OPERATOR(S)

Depth Replicate	S02-2K Cryo-5mL LN2 #1	Filtration Volume (Litres)	Filtration Duration (minutes)	
Z00 R01 m	 112497149	[ ] 15L [ ] 50L 8 L	[ ] 15' [ ] 60' min.	80 L : Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2
Z00 R02 m	###-Z00 S02-2K-2	[ ] 15L [ ] 50L L	[ ] 15' [ ] 60' min.	
Depth Replicate	< 3 μm			
Z00 m	For onland protocols			50 L : Collect filtrate for SS protocols onland : V<3, RBM<3, VV<3, VV<3bis



Depth Replicate	COMMENTS S02-2K
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Z00 R01  
m

Z00 R02  
m

Depth Replicate	COMMENTS < 3 µm
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Z00  
m



LOG\_SAMPLES\_ YYYY MM DD # # # \_STATION- # # # \_DECK-BGC  
 OPERATOR(S) LO

Depth	TOC Vial-40mL FRG +4°C	TOC Vial-40mL FRG +4°C	TOC Vial-40mL FRG +4°C		DICTA Bottle-500mL RT >10°C	SAL Bottle-125mL RT >10°C
Z00 m						###-Z00 SAL
Z02 m	###-Z02 TOC-1	###-Z02 TOC-2	###-Z02 TOC-3		###-Z02 DICTA	###-Z02 SAL
		+ 150 µl HCl			+ 300 µl HgCl <sub>2</sub>	

Depth	CDOM/FDOM Bottle-60mL FRG +4°C	DOC Vial-40mL FRG +4°C	NUT Bottle-60mL FRZ -20°C			
Z00 R01 m						
Z00 R02 m						
Z00 R03 m						
Z02 R01 m	###-Z02 DOM-1	###-Z02 DOC-1	###-Z02 NUT-1			
Z02 R02 m	##-Z02 DOM-2	###-Z02 DOC-2	###-Z02 NUT-2			
Z02 R03 m	##-Z02 DOM-3	###-Z02 DOC-3	###-Z02 NUT-3			
		+ 150 µl HCl				



Depth	COMMENTS TOC	COMMENTS DICTA	COMMENTS SAL
Z00 m			
Z02 m			
Depth Replicate	COMMENTS CDOM/FDOM	COMMENTS DOC	COMMENTS NUT
Z00 R01 m			
Z00 R02 m			
Z00 R03 m			
Z02 R01 m			
Z02 R02 m			
Z02 R03 m			



LOG\_SAMPLES\_    
 \_STATION-   
 \_TARDIS-SCP-SS

OPERATOR(S)

LCMS

Depth	PPL WhirlPack FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)	HLB<0.3 Falcon-50mL FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)
Z00 R01 m	 112557856	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.	 112557862	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.
Z00 R02 m	 112557857	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.	 112557863	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.
Z00 R03 m	 112557858	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.	 112557864	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.
Z00 R04 m	 112557859	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.	 112557865	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.
Z00 R05 m	 112557860	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.			
Z00 m	 112557861	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.			



LCMS

Depth		COMMENTS
Z00	R01 m	
Z00	R02 m	<p>There was a small leak for one of the HLB filtration (HLB-1 I think) and for one of the PPL. The leak was really small and should not (PPL-3, but not 100% sure) have had a significant impact on the volume filtered since all extractions finished at the same time.</p>
Z00	R03 m	
Z00	R04 m	
Z00	R05 m	
Z00	m	





LOG\_SAMPLES\_    \_STATION-    \_W-LAB-142-SS-2

OPERATOR(S)

Depth	Replicate	MB320 50mL-Falcon FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)	MB033 50mL-Falcon FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)
Z00	R01		[ ] 16L  <b>23</b> L	[ ] 30  <b>35</b> min.		[ ] 16L  <b>23</b> L	[ ] 30  <b>35</b> min.
Z00	R02		[ ] 16L  <b>22</b> L	[ ] 30  <b>30</b> min.		[ ] 16L  <b>22</b> L	[ ] 30  <b>30</b> min.
Z00	m		[ ] 16L  <b>250 mL</b>	[ ] 30  <b>2</b> min.		[ ] 16L  <b>250 mL</b>	[ ] 30  <b>2</b> min.
Z02	R01	###-Z02 MB320-SS-1	[ ] 16L  L	[ ] 30  min.	###-Z02 MB033-SS-1	[ ] 16L  L	[ ] 30  min.
Z02	R02	###-Z02 MB320-SS-2	[ ] 16L  L	[ ] 30  min.	###-Z02 MB033-SS-2	[ ] 16L  L	[ ] 30  min.
Z02	m	###-Z02 MB320-H2O	[ ] 16L  L	[ ] 30  min.	###-Z02 MB033-H2O	[ ] 16L  L	[ ] 30  min.

COMMENTS



Depth Replicate	COMMENTS MB320-SS	COMMENTS MB033-SS
Z00 R01 m		
Z00 R02 m		
Z00 R03 m		
Z02 R01 m		
Z02 R02 m		
Z02 R03 m		
Depth	COMMENTS LCMS	
Z00 m		
Z02 m		



LOG\_SAMPLES\_ YYYY MM DD # # # \_STATION- # # # \_S-LAB-OTHER

OPERATOR(S) HB

*2023 06 30* *045*

Depth	Replicates	HC Cryo-5mL LN2 #1	HC-G Cryo-5mL LN2 #1	CP-G Cryo-5mL LN2 #1	SG Cryo-5mL LN2 #1	FC-P Cryo-2mL LN2 #3	FC-G Cryo-2mL LN2 #3
Z00	R01 m						
Z00	R02 m						
Z00	R03 m				Glycine-betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at -20°C
Z00	R04 m			Glycerol prealiquot - RT			
Z00	R05 m				DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C
Z00	R06 m						
Z00	R07 m						
Z00	R08 m						
<b>Prealiquot</b>	No prealiquot	Glycerol prealiquot - RT			+ 100 µL ZnCl <sup>2</sup>	+ 100 µL ZnCl <sup>2</sup>	+ 100 µL ZnCl <sup>2</sup>
<b>Depth Replicate</b>	<b>eDNA Watera capsule RT</b>	<b>Filtration Volume (Litres)</b>	<b>Filtration Duration (minutes)</b>	<b>+ 50 mL of buffer</b>	<b>&lt; 0.45 µm</b>		
Z00		[ ] 30L <i>30</i> L	[ ] 30 <i>60 min</i> min.	=> Collect filtrate for SS protocol onland : V<0.45			
Z02	###-Z02 eDNA	[ ] 30L L	[ ] 30 min.				



Depth Replicate	COMMENTS
Z00 R01 m	
Z00 R02 m	
Z00 R03 m	
Z00 R04 m	
Z00 R05 m	
Z00 R06 m	
Z00 R07 m	
Z00 R08 m	



LOG\_SAMPLES\_ YYYY MM DD # # # \_STATION- # # # \_S-LAB-DECKNET-5

2023 06 30 045

OPERATOR(S) HB

Depth	DECKNET Volume (Litres)	Time start FILLING ###:##	Time end NET OUT ###:##	SG5-1* Cryo-5mL LN2	SG5-2* Cryo-5mL LN2
Z00 m	[ ] 100 L 100 L	:	:		
Z02 m	[ ] 100 L	:	:	<del>### Z02 SG5-1</del>	<del>### Z02 SG5-2</del>

Depth	FM5-1* Falcon-50mL FRG +4°C	FM5-2* Falcon-50mL FRG +4°C
Z00 m		
Z02 m	<del>### Z02 FM5-1</del>	<del>### Z02 FM5-2</del>

CONCENTRATED IN  
250mL INSTEAD  
of 100mL

100 DECKNET → → 250 mL

\*pre-aliquoted 5 mL PFA/GLUT  
store at -20°C

\* pre-aliquoted Glycine betaine  
store at 4°C



Depth		COMMENTS SG5
Z00	R01  m	
Z00	R02  m	

Depth		COMMENTS FM5
Z00	R01  m	
Z00	R02  m	



LOG\_SAMPLES\_ 2024 06 30 \_STATION- 0 4 5 \_S-LAB-25-1

OPERATOR(S) D.D.

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)		
Z00 m	1. <b>3.16</b> 2. <b>2.79</b> 3. <b>4.70</b>		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: <b>TR264</b> Weight: <b>37.752</b>		
Z02 m	1. 2. 3.	<b>TRIPPLICATES ONCE A MONTH FOR HP</b>	<b>HP Cryo-2mL LN2 #2</b>	<b>Filtration Volume (mL)</b> <b>Filtration Duration (minutes)</b>		
<b>Depth</b>	<b>PA Petridish FRZ -20°C</b>	<b>Filtration Volume (mL)</b>	Z00 R01 m	 <input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	<input type="checkbox"/> 30' <input type="checkbox"/> 40' max <b>300 ml</b> min	
Z00 m	 <b>300 ml</b>	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	Z00 R02 m	 <input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	<input type="checkbox"/> 30' <input type="checkbox"/> 40' max min	
Z02 m	###-Z02 PA	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	Z00 R03 m	 <input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	<input type="checkbox"/> 30' <input type="checkbox"/> 40' max min	
<b>Depth</b>	<b>PM Petridish FRZ -20°C</b>	<b>Filtration Volume (mL)</b>	<b>N° filtre + weight (mg)</b>	<b>FOI Petridish FRZ -20°C</b>	<b>Filtration Volume (mL)</b>	<b>N° filtre + weight (mg)</b>
Z00 R01 m		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	<b>300 ml</b> N°: <b>TR156</b> Weight: <b>37.924</b>		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	<b>300 ml</b> N°: <b>TR160</b> Weight: <b>36.979</b>
Z00 R02 m		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: <b>TR278</b> Weight: <b>37.084</b> <b>300 ml</b>		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: <b>TR169</b> Weight: <b>37.402</b> <b>300 ml</b>
Z00 R03 m		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: <b>TR289</b> Weight: <b>37.992</b> <b>300 ml</b>		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: <b>TR136</b> Weight: <b>37.205</b> <b>300 ml</b>
Z02 R01 m	###-Z02 PM-1	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:	###-Z02 FOI-1	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:
Z02 R02 m	###-Z02 PM-2	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:	###-Z02 FOI-2	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:
Z02 R03 m	###-Z02 PM-3	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:	###-Z02 FOI-3	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:



Depth Replicate	COMMENTS PM	COMMENTS FOI
Z00 R01 m		
Z00 R02 m		
Z00 R03 m		
Z02 R01 m		
Z02 R02 m		
Z02 R03 m		
Depth Replicate	COMMENTS PA - HP	
Z00 m		
Z02 m		





LOG-SAMPLES\_ YYYY MM DD # # # \_STATION- \_S-LAB-NET-20

OPERATOR(S) D.D.

Net 20 µm				[ ] Decknet [ ] Deployed at sea		
SAMPLE SPLITTING	# of cod-ends [ ] 1 [ ] 2	Total volume [ ] 1600 mL	Aliquots vol. [ ] 200 mL			
PROTOCOLS	Barcode	Fraction of total volume	Aliquot Volume (mL)	Barcode	Fraction of total volume	Aliquot Volume (mL)
S20 Cryo-5mL LN2 #1		<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL [ ] 15 mn		<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL [ ] 15 mn
FCAM20 Bottle-250mL LIVE		<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL			
E20 Falcon-15mL + 15mL ETOH FRZ -20°C		<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL			
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect		<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL [ ] 15 mn			
MB20 Vial-4mL FRZ -20°C		<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL			
FM20 Falcon-50mL FRG +4°C Prealiquoted PFA+GLUTA store at -20°C		<input checked="" type="checkbox"/> 45 mL			<input checked="" type="checkbox"/> 45 mL	



	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
S20 Cryo-5mL LN2 #1		
FCAM20 Bottle-250mL LIVE		
E20 Falcon-15mL FRZ -20°C		
S20-L Falcon-5mL FRZ -20°C		
MB20 Vial-4mL FRZ -20°C		
FM20 Falcon-50mL FRG +4°C		



LOG-SAMPLES\_ YYYY MM DD \_STATION- # # # \_S-LAB-NET-200  
2024 06 20 0 4 5  
 OPERATOR(S) D.O. 4 5

Horizontal  
WPII-200

SAMPLE  
SPLITTING

COD-END #1

Too Much BIOMASS. WE  
TAKE AN ALIQUOTE OF  
THE COD-END #2

PROTOCOLS

Barcode

Fraction of  
total volume

Aliquot  
Volume (mL)

F200  
Bottle-250mL  
+  
borax/formol  
RT >10°C



[ ] 1 (100%)

[ ] 250 mL

75mL

→ 75mL FROM THE 1,6L  
BOTTLE

SAMPLE  
SPLITTING

COD-END #2

Total volume  
[ ] 1600 mL

Aliquots vol.  
[ ] 200 mL

PROTOCOLS

Barcode

Fraction of  
total volume

Aliquot  
Volume (mL)

Barcode

Fraction of  
total volume

Aliquot  
Volume (mL)

S200  
Cryo-5mL  
LN2 #1



[ ] 1/8

40mL

[ ] 200 mL

[ ] 15 mn



[ ] 1/8

40mL

[ ] 200 mL

[ ] 15 mn

S200-L  
Falcon-5mL  
FRZ -20°C  
+ 5mL Nucleo



[ ] 1/8

40mL

[ ] 200 mL

[ ] 15 mn



	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
F200 Bottle-250mL RT >10°C		
SAMPLE SPLITTING		
PROTOCOLS		
S200 Cryo-5mL LN2 #1		
S200-L Falcon-5mL FRZ -20°C		



LOG-SAMPLES\_ 2023 06 30 \_STATION- 0 4 5 \_S-LAB-NET-680

OPERATOR(S) D.D.

Régent 680

SAMPLE SPLITTING	NET TOW #1			NET TOW #2		
	Total volume [ ] 1600 mL			Total volume [ ] 1600 mL		
PROTOCOLS	Barcode	Fraction of total volume	Bottle volume (mL)	Barcode	Fraction of total volume	Aliquot Volume (mL)
F680 Bottle-250mL RT >10°C + Borax/Formol		[ ] 50 % [ ] 100 %	● 250 mL			
F2000 Bottle-250mL RT >10°C + borax/formol	### EPI F2000	hand-picked #ind=	[ ] 250 mL			
S680-L Falcon-5mL FRZ -20°C + 5mL Nucleoprotect					[ ] 50 % [ ] 100 %	<del>[ ] 200 mL [ ] 400 mL [ ] 500 mL [ ] 800 mL</del> 250ml [ ] 15 mn



	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
F680 Bottle-250mL RT >10°C		
F2000 Bottle-250mL RT >10°C		
S680-L Falcon-5mL FRZ -20°C		