


 YYYY MM DD # # #  
 LOG\_SAMPLES\_ 2023 10 23 \_STATION- 094 \_W-LAB-142-1  
 OPERATOR(S) OB

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			[ ] 20L [ ] 50L <u>10</u> L	[ ] 15' [ ] 60' <u>13</u> min.		[ ] 10L [ ] 20L <u>10</u> L
Z00 R02 m			[ ] 20L [ ] 50L <u>10</u> L	[ ] 15' [ ] 60' <u>13</u> min.		[ ] 10L [ ] 20L <u>10</u> 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			[ ] 20L [ ] 50L <u>20</u> L	[ ] 15' [ ] 60' <u>60</u> 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			[ ] 20L [ ] 50L <u>20L</u> <u>10</u> } <u>30</u> L	[ ] 15' [ ] 60' <u>10+5</u> <u>15</u> min. } <u>60 min</u>		
Z02 m	###-Z02 S320-L	###-Z02 S023-L	[ ] 20L [ ] 50L L	[ ] 15' [ ] 60' min.		





Depth Replicate	COMMENTS S###
Z00 R01 m	13 min filtration + 3/4 min purge No volume meter I just look at mark on the carboy
Z00 R02 m	13 min filtration + 3/4 min purge No volume meter I just look at mark on the carboy
Z02 R01 m	
Z02 R02 m	1
Depth	COMMENTS P###
Z00 m	No volume meter . I just look at mark on the carboy
Z02 m	
Depth	COMMENTS S###L
Z00 m	40 min fast filtration + 5min to collect and put new filters => 45 min
Z02 m	













LOG\_SAMPLES\_ **2023** **10** **23** \_STATION- **091** \_DECK-BGC

OPERATOR(S) **DP**

YYYY MM DD

# # #

Depth	TOC 1 Vial-40mL FRG +4°C	TOC 2 Vial-40mL FRG +4°C	TOC 3 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
	<b>+ 150 µl HCl</b>			<b>+ 300 µl HgCl<sub>2</sub></b>	

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		
	<b>+ 150 µl HCl</b>				





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			





YYYY MM DD # # #  
 LOG\_SAMPLES\_ **2023 10 23** \_STATION- **0 9 1** \_TARDIS-SCP  
 OPERATOR(S) **DP**

Depth	PPL Falcon-50mL FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)	HLB Falcon-50mL FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)
Z00 0 m		[ ] 1L <del>X</del> 2L L	[ ] 60' <del>X</del> 120' min.		[ ] 1L <del>X</del> 2L L	[ ] 60' <del>X</del> 120' min.
Z00 0 m		[ ] 1L <del>X</del> 2L L	[ ] 60' <del>X</del> 120' min.		[ ] 1L <del>X</del> 2L L	[ ] 60' <del>X</del> 120' min.
Z00 0 m		[ ] 1L <del>X</del> 2L L	[ ] 60' <del>X</del> 120' min.		[ ] 1L <del>X</del> 2L L	[ ] 60' <del>X</del> 120' min.
Z00 <b>LCMS BLANK</b> 0 m		<del>X</del> 1L [ ] 2L L	[ ] 60' <del>X</del> 120' min.		[ ] 1L [ ] 2L L	[ ] 60' <del>X</del> 120' min.
Z02 0 m		[ ] 1L <del>X</del> 2L L	[ ] 60' <del>X</del> 120' min.		[ ] 1L [ ] 2L L	[ ] 60' [ ] 120' min.
Z02 0 m		[ ] 1L <del>X</del> 2L L	[ ] 60' <del>X</del> 120' min.		[ ] 1L <del>X</del> 2L L	[ ] 60' <del>X</del> 120' min.
Z02 0 m		[ ] 1L <del>X</del> 2L L	[ ] 60' <del>X</del> 120' min.		[ ] 1L <del>X</del> 2L L	[ ] 60' <del>X</del> 120' min.
Z02 m	###-Z02 PPL-4	[ ] 1L [ ] 2L L	[ ] 60' [ ] 120' min.	###-Z02 HLB-4	[ ] 1L [ ] 2L L	[ ] 60' [ ] 120' min.
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 m		[ ] 16L L	[ ] 30 min.		[ ] 16L L	[ ] 30 min.
Z02 m		[ ] 16L L	[ ] 30 min.		[ ] 16L L	[ ] 30 min.





Depth		COMMENTS
Z00	R01 m	
Z00	R02 m	
Z00	R03 m	
Z00	R04 m	
Z02	R01 m	
Z02	R02 m	
Z02	R03 m	
Z02	R04 m	



*Don't forget log event!  
#1 eDNA #2 Decknet #3 NL*



LOG\_SAMPLES\_ 2023 10 23 STATION- 091 \_S-LAB-OTHER

OPERATOR(S) F.V

Depth	Replicates	<p><i>Nislen #24</i></p> <p>● HC Cryo-5mL LN2 #1    ● HC-G <i>glycol</i> Cryo-5mL LN2 #1    ○ CP-G <i>pre glycol</i> Cryo-5mL LN2 #1    ● SG <i>pre</i> Cryo-5mL LN2 #1    ● FC-P Cryo-2mL LN2 #3    ● FC-G Cryo-2mL LN2 #3</p>					
		Barcode	Barcode	Barcode	Barcode	Barcode	Barcode
Z00	R01	112507166	112507142	112507190	112507199	112507201	112507203
Z00	R02	112507167	112507143	112507191	112507200	112507202	112507204
Z00	R03	112507168	112507144	112507192	Glycine-betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at -20°C
Z00	R04	112507169	112507145	Glycerol prealiquot - RT			
Z00	R05	112507170	112507146		DGAS* 12 mL exetainer +4°C	DGAS* 12 mL exetainer +4°C	DGAS* 12 mL exetainer +4°C
Z00	R06	112507171	112507147		112494046	112494049	112494052
Z00	R07	112507172	112507148		112494047	112494050	112494053
Z00	R08	112507173	112507149		112494048	112494051	112494054
Prealiquot		No prealiquot	Glycerol prealiquot - RT		* + 100 µL ZnCl <sub>2</sub>	* + 100 µL ZnCl <sub>2</sub>	* + 100 µL ZnCl <sub>2</sub>
Depth Replicate	<p><i>by event</i></p> <p>eDNA #1 Watera capsule RT <i>30/30</i></p>		Filtration Volume (Litres)	Filtration Duration (minutes)	+ 50 mL of buffer	< 0.45 µm	
Z00	m	112555873	<del>30</del> 20 L	<del>30</del> 30 min.	=> Collect filtrate for SS protocol onland : V<0.45		
Z02	m	###-Z02 eDNA	[ ] 30 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	



Don't forget log net!



LOG\_SAMPLES\_    \_STATION-    \_S-LAB-DECKNET-5

OPERATOR(S)

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 L	09:18	09:48	112507217	112507218
Z02 m	[ ] 100 L L	:	:	### Z02 SG5-1	### Z02 SG5-2
* Glycine-betaine pre-aliquot at 4°C					
Depth	FM5-1* Falcon-50mL FRG +4°C	FM5-2* Falcon-50mL FRG +4°C			
Z00 m	112555881	112555882			
Z02 m	### Z02 FM5-1	### Z02 FM5-2			
*pre-aliquoted 5 mL PFA/GLUT stored at -20°C					









LOG\_SAMPLES\_ 2023 10 23 \_STATION- 0 9 1 \_S-LAB-25-1

OPERATOR(S) | MR

Depth	Turbidimeter (FNU)		PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)	
Z00 m	1. <u>5,55</u> 2. 3.			<u>100</u> mL	N°: <u>XX137</u> Weight: <u>36,870</u>	
Z02 m	1. 2. 3.		<b>TRIPPLICATES ONCE A MONTH FOR HP</b>	HP Cryo-2mL LN2 #2	Filtration Volume (mL)	Filtration Duration (minutes)
Depth	PA Petridish FRZ -20°C	Filtration Volume (mL)	Z00 R01 m		<u>350</u> mL	[ ] 30' [ ] 40' max <u>2:35</u> min
Z00 <u>0</u> m		<u>350</u> mL	Z00 R02 m	###-Z00 HP-2	mL	[ ] 30' [ ] 40' max min
Z02 <u>0</u> m	###-Z02 PA	mL	Z00 R03 m	###-Z00 HP-3	mL	[ ] 30' [ ] 40' max min
Depth	PM Petridish FRZ -20°C	Filtration Volume (mL)	N° filtre + weight (mg)	FOI Petridish FRZ -20°C	Filtration Volume (mL)	N° filtre + weight (mg)
Z00 R01 <u>0</u> m		<u>350</u> mL	N°: <u>XX402</u> Weight: <u>36,901</u>		<u>350</u> mL	N°: <u>XX131</u> Weight: <u>36,960</u>
Z00 R02 <u>0</u> m		<u>350</u> mL	N°: <u>XX031</u> Weight: <u>36,692</u>		<u>350</u> mL	N°: <u>XX330</u> Weight: <u>37,698</u>
Z00 R03 <u>0</u> m		<u>350</u> mL	N°: <u>XX123</u> Weight: <u>37,183</u>		<u>350</u> mL	N°: <u>XX071</u> Weight: <u>36,762</u>
Z02 R01 m	###-Z02 PM-1	mL	N°: Weight:	###-Z02 FOI-1	mL	N°: Weight:
Z02 R02 m	###-Z02 PM-2	mL	N°: Weight:	###-Z02 FOI-2	mL	N°: Weight:
Z02 R03 m	###-Z02 PM-3	mL	N°: Weight:	###-Z02 FOI-3	mL	N°: Weight:





Depth Replicate	COMMENTS PM	COMMENTS FOI
Z00 R01 m	<i>Forgot to measure the 2nd and 3rd turbidity data ...</i>	
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) MR

Net 20  $\mu$ m

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



1/8

200 mL

15 mn



1/8

200 mL

15 mn

FCAM20  
Bottle-250mL  
LIVE



1/8

200 mL

E20  
Falcon-15mL  
+ 15mL ETOH  
FRZ -20°C



1/8

200 mL

S20-L  
Falcon-5mL  
FRZ -20°C  
+ 5 mL  
NucleoProtect



1/8

200 mL

15 mn

MB20  
Vial-4mL  
FRZ -20°C



1/8

200 mL

FM20  
Falcon-50mL  
FRG +4°C  
Prealiquoted  
PFA+GLUTA  
store at -20°C



45 mL



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  
 OPERATOR(S)

2023 10 23 091  
 MR - NG

Horizontal WPII-200						
SAMPLE SPLITTING	COD-END #1					
PROTOCOLS	Barcode	Fraction of total volume	Aliquot Volume (mL)			
F200 Bottle-250mL + borax/formol RT >10°C		<input checked="" type="checkbox"/> 1 (100%)	<input checked="" type="checkbox"/> 250 mL			
SAMPLE SPLITTING	COD-END #2		Total volume	Aliquots vol.		
			<input checked="" type="checkbox"/> 1600 mL	<input checked="" type="checkbox"/> 200 mL		
PROTOCOLS	Barcode	Fraction of total volume	Aliquot Volume (mL)	Barcode	Fraction of total volume	Aliquot Volume (mL)
<input checked="" type="checkbox"/> S200 Cryo-5mL LN2 #1		<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL <input checked="" type="checkbox"/> 15 mn		<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL <input checked="" type="checkbox"/> 15 mn
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo		<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL <input checked="" type="checkbox"/> 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\_    \_STATION-    \_S-LAB-NET-680

OPERATOR(S)

Régent 680

SAMPLE SPLITTING	NET TOW #1			NET TOW #2		
	Total volume <input type="checkbox"/> 1600 mL			Total volume <input checked="" type="checkbox"/> 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		<input type="checkbox"/> 50 % <input checked="" type="checkbox"/> 100 %	<input checked="" type="checkbox"/> 250 mL			
F2000 Bottle-250mL RT >10°C + borax/formol	### EPI F2000	hand-picked #ind=	<input type="checkbox"/> 250 mL			
S680-L Falcon-5mL FRZ -20°C + 5mL Nucleoprotect					<input type="checkbox"/> 50 % <input checked="" type="checkbox"/> 100 %	<input type="checkbox"/> 200 mL <input checked="" type="checkbox"/> 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		