



YYYY MM DD # # #  
 LOG\_SAMPLES\_ 2023 11 03 \_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	112494503	112494504	[ ] 20L [ ] 50L <u>15</u> L	[ ] 15' [ ] 60' <u>13</u> min.	112494505	[ ] 10L [ ] 20L <u>15</u> L
Z00 R02 m	112494506	112494507	[ ] 20L [ ] 50L <u>15</u> L	[ ] 15' [ ] 60' <u>13</u> min.	112494508	[ ] 10L [ ] 20L <u>15</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	112494509	112494510	[ ] 20L [ ] 50L <u>25</u> L	[ ] 15' [ ] 60' <u>45</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	112556063	112556064	[ ] 20L [ ] 50L <u>25</u> } <u>50</u> L	[ ] 15' [ ] 60' <u>25</u> } <u>30</u> } <u>60</u> min.		
Z02 m	###-Z02 S320-L	###-Z02 S023-L	[ ] 20L [ ] 50L L	[ ] 15' [ ] 60' min.		





Depth Replicate	COMMENTS S###
Z00 R01 m	{ 13 min filtration + 314 min purge no volume meter. I just look at marks on carboys
Z00 R02 m	
Z02 R01 m	
Z02 R02 m	
Depth	COMMENTS P###
Z00 m	no volume meter I just look at marks on carboy only 45 min filter saturated
Z02 m	
Depth	COMMENTS S###L
Z00 m	25 min fast filtration + 5 min to collect and change filters ⇒ 30 min No volume meter only look at marks on carboy
Z02 m	





YYYY MM DD # # #  
 LOG\_SAMPLES\_ 2023 11 03 \_STATION- 094 \_DECK-BGC  
 OPERATOR(S) DP

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					
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\_ YYYY MM DD # # # \_STATION- # # # \_TARDIS-SCP  
2023 11 03 0 9 4  
 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 R01 0 m		[ ] 1L <input checked="" type="checkbox"/> 2L	[ ] 60' <input checked="" type="checkbox"/> 120'		[ ] 1L <input checked="" type="checkbox"/> 2L	[ ] 60' <input checked="" type="checkbox"/> 120'
Z00 R02 0 m		[ ] 1L <input checked="" type="checkbox"/> 2L	[ ] 60' <input checked="" type="checkbox"/> 120'		[ ] 1L <input checked="" type="checkbox"/> 2L	[ ] 60' <input checked="" type="checkbox"/> 120'
Z00 R03 0 m		[ ] 1L <input checked="" type="checkbox"/> 2L	[ ] 60' <input checked="" type="checkbox"/> 120'		[ ] 1L <input checked="" type="checkbox"/> 2L	[ ] 60' <input checked="" type="checkbox"/> 120'
Z00 R04 0 m <i>nilki Q 010</i>		<input checked="" type="checkbox"/> 1L [ ] 2L	<input checked="" type="checkbox"/> 60' [ ] 120'		<input checked="" type="checkbox"/> 1L [ ] 2L	<input checked="" type="checkbox"/> 60' [ ] 120'
Z02 R01 0 m <i>nilki Q 010</i>	###-Z02 PPL-1	[ ] 1L [ ] 2L	[ ] 60' [ ] 120'	###-Z02 HLB-1	[ ] 1L [ ] 2L	[ ] 60' [ ] 120'
Z02 R02 m	###-Z02 PPL-2	[ ] 1L [ ] 2L	[ ] 60' [ ] 120'	###-Z02 HLB-2	[ ] 1L [ ] 2L	[ ] 60' [ ] 120'
Z02 R03 m	###-Z02 PPL-3	[ ] 1L [ ] 2L	[ ] 60' [ ] 120'	###-Z02 HLB-3	[ ] 1L [ ] 2L	[ ] 60' [ ] 120'
Z02 R04 m	###-Z02 PPL-4	[ ] 1L [ ] 2L	[ ] 60' [ ] 120'	###-Z02 HLB-4	[ ] 1L [ ] 2L	[ ] 60' [ ] 120'
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 0 m		<input checked="" type="checkbox"/> 16L	<input checked="" type="checkbox"/> 30 min.		<input checked="" type="checkbox"/> 16L	<input checked="" type="checkbox"/> 30 min.
Z02 m	###-Z02 MB320	[ ] 16L	[ ] 30 min.	###-Z02 MB033	[ ] 16L	[ ] 30 min.





Depth		COMMENTS
Z00	R01 HCB BC PPL m	Water Blend from Board Mill Q System
Z00	R02 m	
Z00	R03 m	
Z00	R04 m	
Z02	R01 m	
Z02	R02 m	
Z02	R03 m	
Z02	R04 m	





LOG\_SAMPLES\_ **2023** **11** **03** \_STATION- **094** \_S-LAB-OTHER  
 OPERATOR(S) **F.V**

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 m		<del>X</del> 30L	[ ] 30 min.	=> Collect filtrate for SS protocol on land : V<0.45		
Z02 m	###-Z02 eDNA	[ ] 30L	[ ] 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

OPERATOR(S) F.V

Depth	DECKNET Volume (Litres)	Time start FILLING ###:##	Time end NET OUT ###:##	SG5-1* Cryo-5mL LN2	SG5-2* Cryo-5mL LN2
Z00 m	<del>X</del> 100 L	12 : 02	12 : 26	112494772	112494773
Z02 m	[ ] 100 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	112556116	112556117			
Z02 m	### Z02 FM5-1	### Z02 FM5-2			
*pre-aliquoted 5 mL PFA/GLUT stored at -20°C					







LOG EVENT Michel, I love you ♥



YYYY MM DD HH MM # # # OPERATOR(S) INITIALS  
 2023 11 01 12 15 \_STATION- 093 \_SML F.V

Water Collection

Number of dips: 13

Volume Collected (L) 600mL

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)	1	2		
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)	1	2	3	
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)	1	2	3	
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	1	2	3	

YYYY MM DD HH MM # # # OPERATOR(S) INITIALS  
 2023 11 03 13 18 \_STATION- 094 \_SML F.V

Water Collection

Number of dips: 13

Volume Collected (L) 600 mL

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)	1	2		
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)	1	2	3	
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)	1	2	3	
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	1	2	3	







LOG\_SAMPLES\_ 2023 11 03 \_STATION- 0 9 4 \_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>2,47</u> 2. <u>3,46</u> 3. <u>3,01</u>	<i>Calibration done</i>	###-Z00 PM-CTRL mL	N°: Weight:	
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	[[ 30' ] [ 40' ] max min <u>3</u>	
Z00 m		<u>300</u> mL	Z00 R02 m	[[ 30' ] [ 40' ] max min	
Z02 m	###-Z02 PA	mL	Z00 R03 m	[[ 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 m		<u>300</u> mL	N°: <u>XX320</u> Weight: <u>36,464</u>		<u>300</u> mL N°: <u>XX188</u> Weight: <u>37,579</u>
Z00 R02 m		<u>300</u> mL	N°: <u>XX084</u> Weight: <u>37,188</u>		<u>300</u> mL N°: <u>XX170</u> Weight: <u>36,478</u>
Z00 R03 m		<u>300</u> mL	N°: <u>XX112</u> Weight: <u>36,177</u>		<u>300</u> mL N°: <u>XX130</u> Weight: <u>36,565</u>
Z02 R01 m	###-Z02 PM-1	mL	N°: Weight:	###-Z02 FOI-1	mL Weight:
Z02 R02 m	###-Z02 PM-2	mL	N°: Weight:	###-Z02 FOI-2	mL Weight:
Z02 R03 m	###-Z02 PM-3	mL	N°: Weight:	###-Z02 FOI-3	mL 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)

2023 M 03 094

NR

Net 20 µm				<input checked="" type="checkbox"/> Decknet <input type="checkbox"/> Deployed at sea		
SAMPLE SPLITTING	# of cod-ends <input checked="" type="checkbox"/> 1 [ ] 2	Total volume <input checked="" type="checkbox"/> 1600 mL	Aliquots vol. [ ] 200 mL			
PROTOCOLS	Barcode	Fraction of total volume	Aliquot Volume (mL)	Barcode	Fraction of total volume	Aliquot Volume (mL)
<input checked="" type="radio"/> S20 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 type="checkbox"/> 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		[ ] 1/8	[ ] 200 mL 300 <input checked="" type="checkbox"/> 15 mn			
MB20 Vial-4mL FRZ -20°C		<input checked="" type="checkbox"/> 1/8	[ ] 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

2023 11 03 094

OPERATOR(S) MR

**Horizontal  
WP11-200**

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 type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL <b>50</b> <input checked="" type="checkbox"/> 15 mn		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL <b>50</b> <input checked="" type="checkbox"/> 15 mn
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL <b>25</b> <input type="checkbox"/> 15 mn <b>6</b>			





	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 ☑ 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 %	[ ] <b>180</b> mL ☑ 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		