



YYYY MM DD # # #
 LOG_SAMPLES_ **2023** **06** **12** _STATION- **0** **3** **4** _W-LAB-142-1
 OPERATOR(S) **James**

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 5.4 L	[x] 15' [] 60' min.		[] 10L [] 20L 5.4 L
Z00 R02 m			[] 20L [] 50L 4.8 L	[] 15' [] 60' min.		[] 10L [] 20L 4.8 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 10 L	[] 15' [x] 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			[] 20L [] 50L 10 L	[] 15' [x] 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_ YYYY MM DD # # # _STATION- _DECK-BGC
 2023 06 12 03 4
 OPERATOR(S) GB

Depth	TOC Vial-40mL FRG +4°C	TOC Vial-40mL FRG +4°C	TOC Vial-40mL FRG +4°C		ICTA 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 ICTA	###-Z02 SAL
	+ 150 µl HCl				+ 300 µl HgCl ₂	
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	HARD TO FILTER, LOT OF PARTICLES, GREENISH WATERS ORDER: NUT-1,2; DOC-1,2; NEW FILTER; DOC-2,3 NUT-3; DOC-3; DOM-1; NEW FILTER DOM-2, DOM-3		
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_ **2023 06 12** _STATION- **0 3 4** _TARDIS-SCP

OPERATOR(S) **GB**

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 m		[] 1L [x] 2L L	[] 60' [] 120' 158 min.		[] 1L [x] 2L L	[] 60' [] 120' 158 min.
Z00 R02 m		[] 1L [x] 2L L	[] 60' [] 120' 158 min.		[] 1L [x] 2L L	[] 60' [] 120' 158 min.
Z00 R03 m		[] 1L [x] 2L L	[] 60' [] 120' 158 min.		[] 1L [x] 2L L	[] 60' [] 120' 158 min.
Z00 R04 m		[] 1L [x] 2L L	[] 60' [] 120' 138 min.		[] 1L [x] 2L L	[] 60' [] 120' 158 min.
Z02 R01 m	###-Z02 PPL-1	[] 1L [] 2L L	[] 60' [] 120' min.	###-Z02 HLB-1	[] 1L [] 2L L	[] 60' [] 120' min.
Z02 R02 m	###-Z02 PPL-2	[] 1L [] 2L L	[] 60' [] 120' min.	###-Z02 HLB-2	[] 1L [] 2L L	[] 60' [] 120' min.
Z02 R03 m	###-Z02 PPL-3	[] 1L [] 2L L	[] 60' [] 120' min.	###-Z02 HLB-3	[] 1L [] 2L L	[] 60' [] 120' min.
Z02 R04 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 18 L	[] 30 24 min.		[] 16L 18 L	[] 30 24 min.
Z02 m	###-Z02 MB320	[] 16L L	[] 30 min.	###-Z02 MB033	[] 16L L	[] 30 min.



Depth		COMMENTS
Z00	R01 m	GREENISH WATERS, LOT OF PARTICLES 0.15320 <u>MS320 FILTER WAS BROKEN AFTER FILTRATION</u>
Z00	R02 m	ENGINES ON DURING EXTRACTION AFTER THE STATION, CHANGED ALL THE LINES AND CALIBRATED ON 16 ml/min
Z00	R03 m	<u>PPL-4 (BMM) LINE FASTER</u>
Z00	R04 m	
Z02	R01 m	
Z02	R02 m	
Z02	R03 m	
Z02	R04 m	



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-OTHER

OPERATOR(S) A. B.

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					PFA prealiquot at -20°C	Glutaraldehyde prealiquot at -20°C
Z00 R04 m			Glycerol prealiquot - RT		<i>written SGs on the label but came from raw water.</i>	
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						
Prealiquot	No prealiquot	Glycerol prealiquot - RT		+ 100 µL ZnCl ²	+ 100 µL ZnCl ²	+ 100 µL ZnCl ²
Depth Replicate	eDNA Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	+ 50 mL of buffer	< 0.45 µm	
Z00 m		[] 30L 10 L	[] 30 min. 35 min.	=> Collect filtrate for SS protocol onland : 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 # # # # #
 LOG_SAMPLES_ 2023 06 _STATION- 0 3 4 _S-LAB-DECKNET-5
 OPERATOR(S) A.B.

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 70 L	12 : 38	13 : 25	112496849	112496850
Z02 m	[] 100 L			### Z02 SG5-1	### Z02 SG5-2

Depth	FM5-1* Falcon-50mL FRG +4°C	FM5-2* Falcon-50mL FRG +4°C
Z00 m	112555259	112555260
Z02 m	### Z02 FM5-1	### Z02 FM5-2

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

* pre-aliquoted Glycine betaine
store at 4°C



Depth		COMMENTS SG5
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Z00 R01
m

Z00 R02
m

Depth		COMMENTS FM5
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Z00 R01
m

Z00 R02
m



LOG_SAMPLES_ **2023** **06** **12** _STATION- **0** **3** **4** _S-LAB-25-1

OPERATOR(S) **Lia**

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)		
Z00 m	1. 2.07 2. 2.47 3. 2.11	###-Z00 PM-CTRL	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: Weight:		
Z02 m	1. 2. 3.	TRIPPLICATES ONCE A MONTH FOR HP	HP Cryo-2mL LN2 #2	Filtration Volume (mL) Filtration Duration (minutes)		
Depth	PA Petridish FRZ -20°C	Filtration Volume (mL)	Z00 R01 m	400 mL [] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270  112496830		
Z00 m	 112557271	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	Z00 R02 m	###-Z00 HP-2 [] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270 [] 30' [] 40' max 10'20 min		
Z02 m	###-Z02 PA	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	Z00 R03 m	###-Z00 HP-3 [] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270 [] 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	 112557272	400 mL [] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: TA 76 Weight: 36,481	 112557275	400 mL [] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: TA 55 8 Weight: 38,536
Z00 R02 m	 112557273	400 mL [] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: TA 545 Weight: 37,836	 112557276	400 mL [] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: PA 569 Weight: 37,172
Z00 R03 m	 112557274	400 mL [] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: PA 625 Weight: 37,401	 112557277	400 mL [] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: PA 577 Weight: 38,416
Z02 R01 m	###-Z02 PM-1	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: Weight:	###-Z02 FOI-1	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: Weight:
Z02 R02 m	###-Z02 PM-2	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: Weight:	###-Z02 FOI-2	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: Weight:
Z02 R03 m	###-Z02 PM-3	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: Weight:	###-Z02 FOI-3	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 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) *Lia / Doug*

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)
<input checked="" type="radio"/> S20 Cryo-5mL LN2 #1		[] 1/8	[] 200 mL 133 mL <input checked="" type="checkbox"/> 15 mn		[] 1/8	[] 200 mL 133 mL <input checked="" 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	[] 200 mL			
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect		[] 1/8	[] 200 mL 150 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
 2023 06 12 034
 OPERATOR(S) *Lia/Dag*

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



1 (100%)

250 mL

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

[] 200 mL
150 mL
 15 mL



[] 1/8

[] 200 mL
150 mL
 15 mL

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



[] 1/8

[] 200 mL
150 mL
 15 mL



LOG-SAMPLES_ YYYY MM DD # # # _STATION- _S-LAB-NET-680

2023 06 12 0 3 4

OPERATOR(S) *Dug/Lia*

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 % <input checked="" type="checkbox"/> 100 %	<input checked="" type="checkbox"/> 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 %	[] 200 mL [] 400 mL [] 600 mL [] 800 mL 164 mL [] 15 mn

The volume of the bottle was about 1500mL but it was not precise ($\pm 200mL$)

