



LOG\_SAMPLES\_ **2023 07 24** \_STATION- **053** \_W-LAB-142-1

OPERATOR(S) **Eric L.**

Depth Replicate	<b>S320</b> Cryo-5mL LN2 #1	<b>S023</b> 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 <b>12</b> L	<input checked="" type="checkbox"/> 15' [ ] 60' min.		[ ] 10L [ ] 20L L
Z00 R02 m			[ ] 20L [ ] 50L <b>12</b> L	<input checked="" type="checkbox"/> 15' [ ] 60' min.		[ ] 10L [ ] 20L 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	<b>P320</b> Cryo-5mL LN2 #1	<b>P023</b> Cryo-5mL LN2 #1	Filtration Volume (Litres)	Filtration Duration (minutes)	< 0.2 µm	
Z00 m			[ ] 20L [ ] 50L <b>17</b> L	[ ] 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	<b>S320-L</b> 15mL falcon -20°C <b>+ 10 mL</b> <b>Nucleoprotect</b>	<b>S023-L</b> 15mL falcon -20°C <b>+ 10 mL</b> <b>Nucleoprotect</b>	Filtration Volume (Litres)	Filtration Duration (minutes)		
Z00 m			[ ] 20L [ ] 50L <b>17</b> 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\_ YYYY MM DD # # # \_STATION- # # # \_DECK-BGC

2023 07 23 0 5 3

OPERATOR(S) T.S.

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			
	- DOC and TOC samples accidentally acidified with 25% HCL!		



LOG\_SAMPLES\_ **2023** **07** **23** \_STATION- **053** \_TARDIS-SCP

OPERATOR(S) **T.S.**

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' <b>180</b> min.		[ ] 1L [x] 2L L	[ ] 60' [ ] 120' <b>180</b> min.
Z00 R02 m		[ ] 1L [x] 2L L	[ ] 60' [ ] 120' <b>180</b> min.		[ ] 1L [x] 2L L	[ ] 60' [ ] 120' <b>180</b> min.
Z00 R03 m		[ ] 1L [x] 2L L	[ ] 60' [ ] 120' <b>180</b> min.		[ ] 1L [x] 2L L	[ ] 60' [ ] 120' <b>180</b> min.
Z00 R04 m		[ ] 1L [x] 2L L	[ ] 60' [ ] 120' <b>180</b> min.		[ ] 1L [x] 2L L	[ ] 60' [ ] 120' <b>180</b> min.
Z02 R01 m	###-Z02 PPL-1	[ ] 1L [ ] 2L L	[ ] 60' [ ] 120' min.	###-Z02 HLB-1	[ ] 1L [x] 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-MQW- pH2	[ ] 1L [ ] 2L L	[ ] 60' [ ] 120' min.	###-Z02 HLB-MQW	[ ] 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 <b>20</b> L	[ ] 30 min.		[ ] 16L <b>20</b> L	[ ] 30 min.
Z02 m	###-Z02 MB320	[ ] 16L L	[ ] 30 min.	###-Z02 MB033	[ ] 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	
		- tiny rest in HLB-2 and PPL-3, but no more dripping



LOG\_SAMPLES\_ 2023 07 24 \_STATION- 0 5 3 \_S-LAB-OTHER

OPERATOR(S) HB

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						
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		eDNA Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	+ 50 mL of buffer	< 0.45 µm	
Z00	m		[ ] 30L <u>27</u> L	[ ] 30 <u>30</u> min.	=> Collect filtrate for SS protocol onland : V<0.45		
Z02	m	###-Z02 eDNA	[ ] 30L L	[ ] 30 min.			



3 2 0

NO FO 2000

8N

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) 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 90 L	08			
Z02 m	[ ] 100 L			<del>### Z02 SG5-1</del>	<del>### Z02 SG5-2</del>
* Glycine-betaine pre-aliquot at 4°C					
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>			
*pre-aliquoted 5 mL PFA/GLUT stored at -20°C					



3 2 0

12 to 100 to 100

113

Depth		COMMENTS SG5
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Z00	R01	12 to 100 to 100
	m	

Z00	R02	
	m	

Depth		COMMENTS FM5
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Z00	R01	
	m	

Z00	R02	
	m	



LOG\_SAMPLES\_ **2023** **07** **24** \_STATION- **053** \_S-LAB-25-1  
 OPERATOR(S) **Clara**

Depth	Turbidimeter (FNU)		PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)	
Z00 m	1. 0.47 2. 0.42 3. 0.46			<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input checked="" type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: TR 207 Weight: 38,067	
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		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input checked="" type="checkbox"/> 1080 <input type="checkbox"/> 2270	<input type="checkbox"/> 30' <input type="checkbox"/> 40' max 15 min
Z00 m		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input checked="" type="checkbox"/> 1080 <input type="checkbox"/> 2270	Z00 R02 m	###-Z00 HP-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	<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	###-Z00 HP-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	<input type="checkbox"/> 30' <input type="checkbox"/> 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		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input checked="" type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: TR 34 Weight: 37,013		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input checked="" type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: TR 129 Weight: 38,282
Z00 R02 m		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input checked="" type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: TR 271 Weight: 36,072		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input checked="" type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: TR 28 Weight: 37,362
Z00 R03 m		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input checked="" type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: tr 21 Weight: 37,020		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input checked="" type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: TR 290 Weight: 36,810
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) Clara

		Net 20 $\mu$ m		[ ] Decknet [ ] 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		[ ] 1/8	[ ] 200 mL <b>150mL</b> [ <input checked="" type="checkbox"/> ] 15 mn		[ ] 1/8	[ ] 200 mL <b>150mL</b> [ <input checked="" type="checkbox"/> ] 15 mn
FCAM20 Bottle-250mL LIVE		[ ] 1/8	[ ] 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  
 2023 07 24 0 5 3  
 OPERATOR(S) Clara

Horizontal WP11-200						
SAMPLE SPLITTING		COD-END #1				
PROTOCOLS	Barcode	Aliquot Volume (mL)				
F200 Bottle-250mL + borax/formol RT >10°C		[ ] 250 mL				
SAMPLE SPLITTING		COD-END #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)
S200 Cryo-5mL LN2 #1		<input checked="" type="checkbox"/> 1/8	[ ] 200 mL 120 mL [ ] 15 mn		<input checked="" type="checkbox"/> 1/8	[ ] 200 mL 120 mL [ ] 15 mn
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo		<input checked="" type="checkbox"/> 1/8	[ ] 200 mL 150 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\_ YYYY MM DD # # # \_STATION- # # # \_S-LAB-NET-680

OPERATOR(S) Clara

Régent 680

SAMPLE SPLITTING	NET TOW #1			NET TOW #2		
	Total volume [ ] 1600 mL		Bottle volume (mL)	Total volume [ ] 1600 mL	Fraction of total volume	Aliquot Volume (mL)
<b>F680</b> Bottle-250mL RT >10°C + <b>Borax/Formol</b>	 112558531		250 mL			
<b>F2000</b> Bottle-250mL RT >10°C + <b>borax/formol</b>	### EPI F2000	hand-picked #ind=	[ ] 250 mL			
<b>S680-L</b> Falcon-5mL FRZ -20°C + 5mL <b>Nucleoprotect</b>				 112558513		[ ] 200 mL [ ] 400 mL [ ] 600 mL [ ] 800 mL 70mL [ ] 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**