



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _W-LAB-142-1

OPERATOR(S) Julie Poulain

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 15 L	[] 15' [] 60' 20 min.		[] 10L [] 20L 15 L
Z00 R02 m			[] 20L [] 50L 18 L	[] 15' [] 60' 15 min.		[] 10L [] 20L 12 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 25 L	[] 15' [] 60' 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 40 L	[] 15' [] 60' 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- _DECK-BGC
 OPERATOR(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					###-Z00 SAL
Z02 m	###-Z02 TOC-1	###-Z02 TOC-2	###-Z02 TOC-3	###-Z02 DICTA	###-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	<i>Lot of rain. Possible contamination of the sample with the rain. *</i>		
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 09 20 _STATION- 0 7 7 _TARDIS-SCP

OPERATOR(S) MH

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' 2h30 min.		[] 1L [x] 2L L	[] 60' [] 120' 2h30 min.
Z00 R02 m		[] 1L [x] 2L L	[] 60' [] 120' 2h30 min.		[] 1L [x] 2L L	[] 60' [] 120' 2h30 min.
Z00 R03 m		[] 1L [x] 2L L	[] 60' [] 120' 2h30 min.		[] 1L [x] 2L L	[] 60' [] 120' 2h30 min.
Z00 R04 m		[] 1L [x] 2L L	[] 60' [] 120' 2h30 min.		[] 1L [x] 2L L	[] 60' [] 120' 2h30 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		[x] 16L L	22 [] 30 min.		[x] 16L L	22 [] 30 min.
Z02 m	###-Z02 MB320	[] 16L L	[] 30 min.	###-Z02 MB033	[] 16L L	[] 30 min.



Depth		COMMENTS
Z00	R01 m	<i>Lot of wind and rain. Possible contamination of the PPL and HLB cartridges with rain because of the infiltration in the TARDIS.</i>
Z00	R02 m	
Z00	R03 m	
Z00	R04 m	
Z02	R01 m	
Z02	R02 m	
Z02	R03 m	
Z02	R04 m	



LOG_SAMPLES_ 2023 09 20 _STATION- 077 _S-LAB-OTHER

OPERATOR(S) SC

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 DGAS-1	###-Z00 DGAS-4	###-Z00 DGAS-7
Z00 R07 m				###-Z00 DGAS-2	###-Z00 DGAS-5	###-Z00 DGAS-8
Z00 R08 m				###-Z00 DGAS-3	###-Z00 DGAS-6	###-Z00 DGAS-9
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		<input checked="" type="checkbox"/> 30L L	34 <input type="checkbox"/> 30 min.	=> Collect filtrate for SS protocol onland : V<0.45		
Z02 m	###-Z02 eDNA	<input type="checkbox"/> 30L L	<input type="checkbox"/> 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
2023	09	20

 _STATION-

#	#	#
0	7	7

 _S-LAB-DECKNET-5

OPERATOR(S)

SC

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	13:10	14:18		
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					
Z02 m	### Z02 FM5-1	### Z02 FM5-2			
*pre-aliquoted 5 mL PFA/GLUT stored at -20°C					



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-25-1

OPERATOR(S) | Z.M. |

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)		
Z00 m	1. 0.96 2. 1.02 3. 0.94		635 mL	N°: XX085 Weight: 36,552		
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		635 mL	[] 30' [] 40' 04'33 max min
Z00 m		635 mL	Z00 R02 m	###-Z00 HP-2	mL	[] 30' [] 40' max min
Z02 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 m		635 mL	N°: XX015 Weight: 37,166		635 mL	N°: XX311 Weight: 37,069
Z00 R02 m		635 mL	N°: XX106 Weight: 37,402		635 mL	N°: XX100 Weight: 37,412
Z00 R03 m		635 mL	N°: XX068 Weight: 36,838		635 mL	N°: XX409 Weight: 36,837
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		
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
2023 09 20 0 7 7
 OPERATOR(S) Z.H.

		Net 20 µm		<input checked="" type="checkbox"/> Decknet <input type="checkbox"/> Deployed at sea		
SAMPLE SPLITTING	# of cod-ends <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2	Total volume <input checked="" type="checkbox"/> 1600 mL	Aliquots vol. <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"/> S20 Cryo-5mL LN2 #1		<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL <input 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		<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL <input type="checkbox"/> 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

OPERATOR(S) Z.H.

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
50 mL
 15 mn



1/8

200 mL
50 mL
 15 mn

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



1/8

200 mL
50 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_ _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	 112557023	<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				 112557024	<input type="checkbox"/> 50 % <input type="checkbox"/> 100 %	<input type="checkbox"/> 50 mL <input 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