



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

2023 10 08 0 8 8

OPERATOR(S) Julie Poulin

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	112499042	112499043	[] 20L [] 50L 15 L	[] 15' [] 60' 15 min.	112499070	[] 10L [] 20L 15 L
Z00 R02 m	112499044	112499045	[] 20L [] 50L 15 L	[] 15' [] 60' 15 min.	112499071	[] 10L [] 20L 15 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	112499046	112499047	[] 20L [] 50L 30 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	112555650	112555651	[] 20L [] 50L 30 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_ YYYY MM DD # # # _STATION- # # # _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	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				=> 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 # # # _STATION- # # # _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	08:26	09:07		
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_ _STATION- _DECK-BGC

OPERATOR(S)

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					



⚠ Possible contamination

Depth		COMMENTS TOC	COMMENTS DICTA	COMMENTS SAL
Z00	m	/		
Z02	m			
Depth Replicate		COMMENTS CDOM/FDOM	COMMENTS DOC	COMMENTS NUT
Z00	R01	<p>SECOND STERIVEX:</p>		First STERIVEX
	m			
Z00	R02	<p>Pump Tubings inside the pump exploded today and I had to change the pump, clean it and use a new STERIVEX (cleaned beforehand). However, first DOC were done before the explosion of the tubing, as the NUT. I empty them and cleaned several time before reiterate the filtration. But I'm scared of a possible contamination of this sample as well as for the samples of the last days as the tubing should not have been really impermeable.</p>		
Z00	R03			
Z02	R01			
Z02	R02			
Z02	R03			
	m			

We didn't have enough LC/MS water for the 2L blank so we just used
1L.

We used 4L MQW for the blanks instead of 250 mL
(impossible to just use 250 mL with the setup)



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OPERATOR(S) | SZ |

Depth	Turbidimeter (FNU)		PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)	
Z00 m	1. 0.84 2. 0.93 3. 0.85		###-Z00 PM-CTRL	mL	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		1080 mL	[] 30' [] 40' max 10 min
Z00 m		1080 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		1080 mL	N°: XX315 Weight: 36329		1080 mL	N°: XX370 Weight: 37,82
Z00 R02 m		1080 mL	N°: XX331 Weight: 37,113		1080 mL	N°: XX366 Weight: 37,66
Z00 R03 m		1080 mL	N°: XX534 Weight: 37,853		1080 mL	N°: XX019 Weight: 37,393
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

OPERATOR(S) SZ

Net 20 μ 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		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL 120 mL <input checked="" type="checkbox"/> 15 mn		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL 120 mL <input checked="" type="checkbox"/> 15 mn
FCAM20 Bottle-250mL LIVE		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL			
E20 Falcon-15mL + 15mL ETOH FRZ -20°C		<input type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL			
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL 120 mL <input checked="" 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
2023	10	08

 _STATION-

#	#	#
0	8	8

 _S-LAB-NET-200

OPERATOR(S)

SZ

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



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
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
2023	10	08

 _STATION-

#	#	#
0	8	8

 _S-LAB-NET-680

OPERATOR(S)

SZ

Régent 680

SAMPLE SPLITTING	NET TOW #1			NET TOW #2		
	Total volume <input checked="" type="checkbox"/> 1600 mL			Total volume <input 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 type="checkbox"/> 100 %	<input 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 type="checkbox"/> 100 %	<input type="checkbox"/> 75 mL <input type="checkbox"/> 15 mn

