



YYYY MM DD

LOG_SAMPLES_

2023 04 13

_STATION-

#

0 0 6

_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 17 L	[] 15' [] 60' 15 min.		[] 10L [] 20L 17 L
Z00 R02 m			[] 20L [] 50L 14 L	[] 15' [] 60' 15 min.		[] 10L [] 20L 14 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 32 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 49 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- # # # _W-LAB-EDNA
 OPERATOR(S)

2023 02 13 006
 Colomban

Depth Replicate	eDNA Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	< 0.45 µm
Z00 m	 112559619	[] 30L 23 L	[] 30 min.	=> Collect filtrate for SS protocol onland : V<0.45
Z02 m	###-Z02 eDNA	[] 30L L	[] 30 min.	

+ 50 mL of buffer



Depth Replicate	COMMENTS eDNA
Z00 m	
Z02 m	



LOG_SAMPLES_ YYYY MM DD # # # _STATION- _DECK-BGC

2023 04 13 0 0 6

OPERATOR(S) JUF

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 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			
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 04 13 _STATION- 006 _W-LAB-142-SS-2

OPERATOR(S) JUF

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 R01 m		X 16L L	X 30 min.		X 16L L	X 30 min.
Z00 R02 m	XXXXXXXXXX 112559669	[] 16L L	[] 30 min.	XXXXXXXXXX 112559671	[] 16L L	[] 30 min.
Z00 m		[] 16L L	[] 30 min.		[] 16L L	[] 30 min.
Z02 R01 m	###-Z02 MB320-SS-1	[] 16L L	[] 30 min.	###-Z02 MB033-SS-1	[] 16L L	[] 30 min.
Z02 R02 m	###-Z02 MB320-SS-2	[] 16L L	[] 30 min.	###-Z02 MB033-SS-2	[] 16L L	[] 30 min.
Z02 m	###-Z02 MB320-H2O	[] 16L L	[] 30 min.	###-Z02 MB033-H2O	[] 16L L	[] 30 min.

COMMENTS



Depth Replicate	COMMENTS MB320-SS	COMMENTS MB033-SS
Z00 R01 m		
Z00 R02 m	Replicates not possible due to heavy choppy sea and seasickness	
Z00 R03 m	Blanks run on 14th April instead	
Z02 R01 m		
Z02 R02 m		
Z02 R03 m		
Depth	COMMENTS LCMS	
Z00 m		
Z02 m		



YYYY MM DD # # #
 LOG_SAMPLES_ 2023 04 13 _STATION- 0 0 6 _TARDIS-SCP-SS
 OPERATOR(S) JUF

LCMS

Depth	PPL WhirlPack FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)	HLB<0.3 Falcon-50mL FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)
Z00 R01 m		[] 1L <input checked="" type="checkbox"/> 2L L	[] 60' [] 120' 110 min.		[] 1L <input checked="" type="checkbox"/> 2L L	[] 60' [] 120' 110 min.
Z00 R02 m		[] 1L <input checked="" type="checkbox"/> 2L L	[] 60' [] 120' 110 min.		[] 1L <input checked="" type="checkbox"/> 2L L	[] 60' [] 120' 110 min.
Z00 R03 m		[] 1L <input checked="" type="checkbox"/> 2L L	[] 60' [] 120' 110 min.		[] 1L <input checked="" type="checkbox"/> 2L L	[] 60' [] 120' 110 min.
Z00 R04 m		[] 1L <input checked="" type="checkbox"/> 2L L	[] 60' [] 120' 110 min.		[] 1L [] 2L L	[] 60' [] 120' min.
Z00 R05 m		[] 1L <input checked="" type="checkbox"/> 2L L	[] 60' [] 120' 110 min.			
Z00 m		[] 1L [] 2L L	[] 60' [] 120' min.			



LCMS

Depth		COMMENTS
Z00	R01 m	
Z00	R02 m	
Z00	R03 m	
Z00	R04 m	
Z00	R05 m	
Z00	m	Blanks with LCMS water extracted on 14th April LCMS water was accidentally poured away



LOG_SAMPLES_ 2023 04 13 _STATION- 0 0 6 _S-LAB-OTHER

OPERATOR(S) Erwan Legeay

Depth	Replicates	SG Cryo-5mL LN2 #1	HC Cryo-5mL LN2 #1	HC-G Cryo-5mL LN2 #1	CP-G 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						
Z00	R04 m						
Z00	R05 m						
Z00	R06 m						
Z00	R07 m						
Z00	R08 m						
Prealiquot		Glycine-betaine prealiquot at 4°C	No prealiquot	Glycerol prealiquot - RT	Glycerol prealiquot - RT	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at - 20°C



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

2023 04 13 00 06

OPERATOR(S) Erwan Legeay

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	07 : 40	08 : 45	112493333	112493334
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	112493335	112493336			
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
Z00	R01	
	m	
Z00	R02	
	m	
Depth		COMMENTS FM5
Z00	R01	
	m	
Z00	R02	
	m	



LOG_SAMPLES_ **2023** **04** **13** _STATION- **0** **0** **6** _S-LAB-25-1

OPERATOR(S) **M. G.**

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)		
Z00 m	1. 1,24 2. 1,00 3. 1,94		<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input checked="" type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: TR77 TA503 Weight: 37,169 39,259		
Z02 m	1. 2. 3.	###-Z02 PM-CTRL	<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:		
Depth	PA Petridish FRZ -20°C	Filtration Volume (mL)				
Z00 m		<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input checked="" type="checkbox"/> 1080 <input type="checkbox"/> 2270				
Z02 m	###-Z02 PA	<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270				
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"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input checked="" type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: PA 668 Weight: 36,568		<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input checked="" type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: TR 73 Weight: 37,125
Z00 R02 m		<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input checked="" type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: PA572 Weight: 37,625		<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input checked="" type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: TR 92 Weight: 36,823
Z00 R03 m		<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input checked="" type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: PA648 Weight: 38,885		<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input checked="" type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: TR 68 Weight: 38,164
Z02 R01 m	###-Z02 PM-1	<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:	###-Z02 FOI-1	<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:
Z02 R02 m	###-Z02 PM-2	<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:	###-Z02 FOI-2	<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:
Z02 R03 m	###-Z02 PM-3	<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:	###-Z02 FOI-3	<input type="checkbox"/> 150* <input type="checkbox"/> 250* <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	
Z00 m		
Z02 m		



LOG_SAMPLES_ **2023** **04** **13** _STATION- **0 0 6** _S-LAB-25-2

OPERATOR(S) **M. G.**

Depth	HP Cryo-2mL LN2 #2	Filtration Volume (mL)	Filtration Duration (minutes)			
Z00 R01 m		[] 150* [] 250* [] 635 [] 1080 [] 2270	[] 30' [] 40' max 7" 03' min			
Z00 R02 m	###-Z00 HP-2	[] 150* [] 250* [] 635 [] 1080 [] 2270	[] 30' [] 40' max min			
Z00 R03 m	###-Z00 HP-3	[] 150* [] 250* [] 635 [] 1080 [] 2270	[] 30' [] 40' max min			
Z02 R01 m	###-Z02 HP-1	[] 150* [] 250* [] 635 [] 1080 [] 2270	[] 30' [] 40' max min			
Z02 R02 m	###-Z02 HP-2	[] 150* [] 250* [] 635 [] 1080 [] 2270	[] 30' [] 40' max min			
Z02 R03 m	###-Z02 HP-3	[] 150* [] 250* [] 635 [] 1080 [] 2270	[] 30' [] 40' max min			
TRIPPLICATES ONCE A MONTH						



Depth Replicate	COMMENTS HP
Z00 R01 m	
Z00 R02 m	
Z00 R03 m	
Z02 R01 m	
Z02 R02 m	
Z02 R03 m	



LOG-SAMPLES_ _STATION- _S-LAB-NET-20

OPERATOR(S)

		Net 20 μ m		<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="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 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	<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 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_ _STATION- _S-LAB-NET-200

OPERATOR(S)

<u>Horizontal</u> 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	Aliquots vol.			
		[•] 1600 mL	[•] 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 [•] 88 mL [•] 15 mn		[•] 1/8	[] 200 mL [•] 88 mL [•] 15 mn
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo		[•] 1/8	[] 200 mL [•] 80 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		