





YYYY MM DD # # #
 LOG_SAMPLES_ **2024** **03** **24** _STATION- **1** **1** **8** _MERCURY
 OPERATOR(S) **MG**

Depth	p.MeHg Glass fiber filter FRZ -20°C	Filter code	Filtration Volume (mL)	Filtration time (min)	f.MeHg 125-mL PETG bottle FRG +4°C
Z00 m	###-Z00 p.MeHg				 112580423
Z02 m	###-Z02 p.MeHg				###-Z02 f.MeHg
Depth	p.THg Glass fiber filter FRZ -20°C	Filter code	Filtration Volume (mL)	Filtration time (min)	f.THg 40-mL glass bottle FRG +4°C
Z00 m	 112580424	#15 139,4 mg	3390		###-Z00 f.THg
Z02 m	###-Z02 p.THg				###-Z02 f.THg
Depth	uf.THg 40-mL glass bottle RT				
Z00 m	###-Z00 uf.THg				
Z02 m	###-Z02 uf.THg				



Depth	COMMENTS	
200 m		



YYYY MM DD # # #
 LOG_SAMPLES_ 2024 03 24 _STATION- 1 1 P _W-LAB-142-1
 OPERATOR(S) Eric

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	112546178	112546176	<input type="checkbox"/> 20L <u>14</u> L	<input checked="" type="checkbox"/> 15 min. min.	112546174	<input type="checkbox"/> 20L <u>14</u> L
Z00 R02 m	112546179	112546177	<input type="checkbox"/> 20L <u>14</u> L	<input checked="" type="checkbox"/> 15 min. min.	112546175	<input type="checkbox"/> 20L <u>14</u> L
Z02 R01 m	###-Z02 S320-1	###-Z02 S023	<input type="checkbox"/> 20L L	<input type="checkbox"/> 15 min. min.	###-Z02 S<02	<input type="checkbox"/> 20L L
Z02 R02 m	###-Z02 S320-2	###-Z02 S023-2	<input type="checkbox"/> 20L L	<input type="checkbox"/> 15 min. min.	###-Z02 S<02-2	<input type="checkbox"/> 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	112546181	112546180	<input type="checkbox"/> 50L <u>47</u> L	<input checked="" type="checkbox"/> 60 min. min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2	
Z02 m	###-Z02 P320	###-Z02 P023	<input type="checkbox"/> 50L L	<input type="checkbox"/> 60 min. 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	112546183	112546182	<input type="checkbox"/> 50L <u>47</u> L	<input checked="" type="checkbox"/> 60 min. min.		
Z02 m	###-Z02 S320-L	###-Z02 S023-L	<input type="checkbox"/> 50L L	<input type="checkbox"/> 60 min. 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
2024	03	24

 _STATION-

#	#	#
1	1	8

 _W-LAB-142-SS-1

OPERATOR(S)

Eric

Depth Replicate	S02-2K Cryo-5mL LN2 #1	Filtration Volume (Litres)	Filtration Duration (minutes)	
Z00 R01 m		<input type="checkbox"/> 15L 9 L	<input checked="" type="checkbox"/> 15' min.	80 L : Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2
Z00 R02 m		<input type="checkbox"/> 15L 9 L	<input checked="" type="checkbox"/> 15' min.	
Depth Replicate	< 3 µm			
Z00 m	For onland protocols			50 L : Collect filtrate for SS protocols onland : V<3, RBM<3, VV<3, VV<3bis



Depth Replicate	COMMENTS
Z00 R01 m	S02-2K
Z00 R02 m	
Depth Replicate	COMMENTS
Z00 m	< 3 µm



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

OPERATOR(S) JUF

2024 03 24 1 1 8

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			



YYYY MM DD # # #
 LOG_SAMPLES_ 2024 03 24 _STATION- 1 1 8 _TARDIS-SCP-SS
 OPERATOR(S) 34F

LCMS

Depth	PPL Falcon-50mL 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		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min min		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min min
Z00 R02 m		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min min		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min min
Z00 R03 m		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min min		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min min
Z00 R04 m		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min min		1.5 <input checked="" type="checkbox"/> L L	<input checked="" type="checkbox"/> 100 min min
Z00 R05 m		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min min			
Z00 m		1.5 <input checked="" type="checkbox"/> L	<input checked="" type="checkbox"/> 100 min min			



LCMS

Depth		COMMENTS
Z00	R01 m	
Z00	R02 m	
Z00	R03 m	
Z00	R04 m	
Z00	R05 m	
Z00	m	



Depth Replicate		COMMENTS MB320-SS	COMMENTS MB033-SS
Z00	R01		
	m		
Z00	R02		
	m		
Z00	R03		
	m		
Z02	R01		
	m		
Z02	R02		
	m		
Z02	R03		
	m		
Depth	COMMENTS LCMS		
Z00			
	m		
Z02			
	m		



LOG_SAMPLES_ 2024 03 24 YYYY MM DD
 _STATION- 1 1 8 # # #
 _S-LAB-OTHER
 OPERATOR(S) ANNA

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	<input checked="" type="checkbox"/> 30 min. min.			



Depth Replicates		○ CP-G Cryo-5mL LN2 #1	● SG Cryo-5mL LN2 #1	● FC-P Cryo-2mL LN2 #3	● FC-G Cryo-2mL LN2 #3		
Z02	R01 m	###-Z02 CP-G-1	###-Z02 SG-1	###-Z02 FC-P-1	###-Z02 FC-G-1		
Z02	R02 m	###-Z02 CP-G-2	###-Z02 SG-2	###-Z02 FC-P-2	###-Z02 FC-G-2		
Z02	R03 m	###-Z02 CP-G-3	Glycine- betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at - 20°C		
Prealiquot		Glycerol prealiquot - RT					
					DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C
					###-Z02 DGAS-1	###-Z02 DGAS-2	###-Z02 DGAS-3
					+ 100 µL ZnCl ²	+ 100 µL ZnCl ²	+ 100 µL ZnCl ²

COMMENTS



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

Final Vol = 45 mL



LOG_SAMPLES_ YYYY MM DD # # # _STATION- _PPN2-PPN2exe
2024 03 24 1 1 8
 OPERATOR(S) ANNA

Depth	Spikes	13C-DIC time (UTC) in -20°C	15N-DIC time (UTC) in gaz			
Z00 m	1	09:25	09 :30			
Z00 m	2	09:25	09 :35			
Z00 m	3	09:25	09:38			

Depth	Natural abundance – TO	NAT Filter in alu -20°C	Filtered volume (mL)	Filtration time – start	Filtration time – end	
Z00 m	NAT-1		2270	10:15	10:40	
Z00 m	NAT-2		2270	10:15	10:48	
Z00 m	NAT-3		2270	10:15	10:40	

24h (+/- 30min) later

Filtration < 40min

Depth	Incubated bottle	PPN2 Filter in alu -20°C	PPN2exe* Exetainer-12mL +4°C	Filtration volume (mL)	Filtration time – start	Filtration time – end
Z00 m	PPN2-1			2270	12:30	13:05
Z00 m	PPN2-2			2270	12:30	13:00
Z00 m	PPN2-3			2270	12:30	13:05
	BLANK		* +100 µL ZnCl			



YYYY: 2024 MM: 03 DD: 24 HH: 05 MM: 00 # # # OPERATOR(S) INITIALS: JOB / FW
 _STATION- _SML

Water Collection		Number of dips:	Volume Collected (L)		
Protocol	Quantity, Container Storage	Replicate 1	Replicate 2	Replicate 3	Comments
SML-FC	Cryotube (2ml) 1.5ml sample + 30 µl Glute 25% LN2 (-80°C)				
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)				
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)				~ 150ml
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)				~ 150ml

YYYY: 2024 MM: 03 DD: 24 HH: 09 MM: 00 # # # OPERATOR(S) INITIALS: JOB / FW
 _STATION- _SML

Water Collection		Number of dips:	Volume Collected (L)		
Protocol	Quantity, Container Storage	Replicate 1	Replicate 2	Replicate 3	Comments
SML-FC	Cryotube (2ml) 1.5ml sample + 30 µl Glute 25% LN2 (-80°C)				
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)				
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)				~ 150 ml
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)				~ 150ml



~ 120 m

8


0.85

~ 120 m

~ 120 m

8

0.22


YYYY MM DD HH MM # # # OPERATOR(S) INITIALS
2024 03 23 21 00 _STATION- _SML JOB/FW

Water Collection		Number of dips:	Volume Collected (L)			
Protocol	Quantity, Container Storage	Replicate 1	Replicate 2	Replicate 3	Comments	
SML-FC	Cryotube (2ml) 1.5ml sample + 30 µl Glute 25% LN2 (-80°C)					
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)					
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)				3	~ 150ml
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)					~ 150ml

YYYY MM DD HH MM # # # OPERATOR(S) INITIALS
2024 03 24 01 00 _STATION- _SML JOB/FW

Water Collection		Number of dips:	Volume Collected (L)			
Protocol	Quantity, Container Storage	Replicate 1	Replicate 2	Replicate 3	Comments	
SML-FC	Cryotube (2ml) 1.5ml sample + 30 µl Glute 25% LN2 (-80°C)					
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)					
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)				-3	~ 150ml
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)					~ 150ml



~ 120 m

0

0.95

~ 120 m

~ 120 m

10



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

OPERATOR(S) Emmanuelle Martins

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)		
Z00	1. 0.65 2. 0.33 3. 0.43	###-Z00 PM-CTRL	mL	N° Weight		
Z02	1. 2. 3.	TRIPPLICATES ONCE A MONTH FOR HP	HP Cryo-2mL LN2 #3	Filtration Volume (mL) Filtration Duration (minutes)		
Depth	PA Petridish FRZ -20°C	Filtration Volume (mL)	Z00 R01 m	112546189 1080 <input type="checkbox"/> 30 min. 10 min.		
Z00	112580610	1080 mL	Z00 R02 m	###-Z00 HP-2 <input type="checkbox"/> 30 min min.		
			Z00 R03 m	###-Z02 HP-3 <input type="checkbox"/> 30 min min.		
			Z02 R01 m	###-Z02 HP <input type="checkbox"/> 30 min. 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	112580604	1080 mL	N° TE236 Weight 37.558	112580607	1080 mL	N° TE023 Weight 36.684
Z00 R02	112580605	1080 mL	N° TE151 Weight 37.619	112580608	1080 mL	N° TE361 Weight 37.811
Z00 R03	112580606	1080 mL	N° TE200 Weight 38.155	112580609	1080 mL	N° TE268 Weight 37.418



Depth Replicate		COMMENTS PM	COMMENTS FOI
Z00	R01 m		
Z00	R02 m		
Z00	R03 m		
Depth Replicate		COMMENTS PA - HP	
Z00	m		
Z02	m		



LOG-SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-NET-20

OPERATOR(S) Emmanuelle Martins

		Net 20 µm		<input checked="" type="checkbox"/> Decknet <input type="checkbox"/> Deployed at sea		
SAMPLE SPLITTING	# of cod-ends	Total volume	Aliquots vol.			
	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2	<input checked="" type="checkbox"/> 1600 mL	<input type="checkbox"/> 200 mL			
PROTOCOLS	Barcode	Aliquot volume (mL)	Filtration time	Barcode	Aliquot volume (mL)	Filtration time
● S20 Cryo-5mL LN2 #1		<input checked="" type="checkbox"/> 200 mL (1/8) mL	<input checked="" type="checkbox"/> 15 mn		<input checked="" type="checkbox"/> 200 mL (1/8) mL	<input checked="" type="checkbox"/> 15 mn
FCAM20 Bottle-250mL LIVE		<input type="checkbox"/> 200 mL (1/8)				
E20 Falcon-15mL + 15mL ETOH FRZ -20°C		<input checked="" type="checkbox"/> 200 mL (1/8)				
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect		<input checked="" type="checkbox"/> 200 mL (1/8) mL				
MB20 Vial-4mL FRZ -20°C		<input checked="" type="checkbox"/> 200 mL (1/8)				
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	
HG-20 Falcon-15mL FRZ -20°C		500 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

2024 03 24 1 1 8

OPERATOR(S) Emmanuelle Martins

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



100%

250 mL

% 500 mL

SAMPLE SPLITTING

COD-END #2

Total volume

1600 mL

PROTOCOLS

Barcode

Filtered volume (mL)

Filtration time

Barcode

Filtered volume (mL)

Filtration time

● S200
Cryo-5mL
LN2 #1



20 mL

15 min



20 mL

15 min

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



20 mL

HG-200
Falcon-15mL
FRZ -20°C



1400 mL



	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

2024 03 24 1 1 8

OPERATOR(S) Emmanuelle Martins

Régent 680

SAMPLE SPLITTING

NET TOW n° 2 NET TOW n° 1

FLOWMETER 56 482 58 481 FLOWMETER 54 648 56 482

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



100 % 250 mL

50 % 500 mL

F2000
Bottle-250mL
RT >10°C
+
borax/formol

EPI
F2000

hand-picked 250 mL

#ind= 500 mL

S680-L
Falcon-5mL
FRZ -20°C
+ 5mL
Nucleoprotect



100 % 50 mL

%

HG-680
Falcon-15mL
FRZ -20°C



1550mL

