



LOG\_SAMPLES\_ YYYY MM DD # # # \_STATION- \_MERCURY  
2023 07 12 0 4 9

OPERATOR(S) DC START UTC (HH:MM) 07:05 END UTC (HH:MM) 07:45

Depth	p.MeHg Glass fiber filter FRZ -20°C	Filter code	Filtration Volume (Litres)	f.MeHg 125-mL PETG bottle FRG +4°C
Z00 m		Tara001	1560 <del>1560</del> mL	

Depth	p.THg Glass fiber filter FRZ -20°C	Filter code	Filtration Volume (Litres)	f.THg 40-mL glass bottle FRG +4°C
Z00 m	###-Z00 p.THg 112558277	Tara002	750 mL	

Depth	uf.THg 40-mL glass bottle RT			
Z00 m				



20:50

20:50

20:50

20:50

20

Depth	COMMENTS	
200 m	0371	100 ml
	<del>0371</del>	
	0371	100 ml
		15 228888



LOG\_SAMPLES\_ YYYY MM DD # # # STATION- # # # \_W-LAB-142-1

OPERATOR(S) Eric P.

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 4 L	<input checked="" type="checkbox"/> 15' [ ] 60' min.		[ ] 10L [ ] 20L 4 L
Z00 R02 m			[ ] 20L [ ] 50L 4 L	<input checked="" type="checkbox"/> 15' [ ] 60' min.		[ ] 10L [ ] 20L 4 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 4 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	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 4 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	



YYYY MM DD # # #  
 LOG\_SAMPLES\_ 2023 07 12 \_STATION- 0 4 9 \_DECK-BGC  
 OPERATOR(S) Lia

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				

Lia



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	<p><i>Day-2 and Day-3 used a different</i></p>		
Z00	R03 m	<p><i>sterivex. Too much cyanobacteria</i></p>		
Z02	R01 m			
Z02	R02 m			
Z02	R03 m			



YYYY MM DD # # #  
 LOG\_SAMPLES\_ 2023 07 12 \_STATION- 0 4 9 \_TARDIS-SCP  
 OPERATOR(S) Lia

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 <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' min.		[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' min.
Z00 R02 m		[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' min.		[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' min.
Z00 R03 m		[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' min.		[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' min.
Z00 R04 m		[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' min.		[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' 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		<input checked="" type="checkbox"/> 16L L	[ ] 30' 27 min.		<input checked="" type="checkbox"/> 16L L	<input checked="" type="checkbox"/> 30' 27 min.
Z02 m	###-Z02 MB320	[ ] 16L L	[ ] 30' min.	###-Z02 MB033	[ ] 16L L	[ ] 30' min.



Depth		COMMENTS
Z00	R01 m	
Z00	R02 m	The TQWptH2 was made onboard because we ran out of the one prepared by Yesika to rinse the ppl cartridges.
Z00	R03 m	
Z00	R04 m	
Z02	R01 m	
Z02	R02 m	
Z02	R03 m	
Z02	R04 m	





YYYY MM DD # # #  
 LOG\_SAMPLES\_ 2023 07 12 \_STATION- 0 4 9 \_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 extainer +4°C	DGAS 12 mL extainer +4°C	DGAS 12 mL extainer +4°C
Z00	R06 m						
Z00	R07 m						
Z00	R08 m						
	Prealiquot	No prealiquot	Glycerol prealiquot - RT		+ 100 µL ZnCl <sup>2</sup>	+ 100 µL ZnCl <sup>2</sup>	+ 100 µL ZnCl <sup>2</sup>
	Depth Replicate	eDNA Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	+ 50 mL of buffer	< 0.45 µm	
Z00	m		[ ] 30L <u>15</u> L	[ ] 30 <u>40</u> min.	=> Collect filtrate for SS protocol onland : V<0.45		
Z02	m	<del>###-Z02 eDNA</del>	<del>[ ] 30L</del>	<del>[ ] 30</del> 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)

2023 07 12 049  
 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 40 L	06:37	06:52		
Z02 m	[ ] 100 L	/	/	<del>### Z02 SG5-1</del>	<del>### Z02 SG5-2</del>

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>

A LOT OF BIONASS WE REDUCE THE FILTERED VOLUME

\*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 07    \_STATION- 0 4 9 \_S-LAB-25-1

OPERATOR(S) D.D.

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)		
Z00 m	1. 5.29 2. 5.60 3. 5.31		[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: TR251 Weight: 36.318		
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	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270		
Z00 m		300ml [ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	Z00 R02 m	###-Z00 HP-2 [ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270		
Z02 m	###-Z02 PA	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	Z00 R03 m	###-Z00 HP-3 [ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 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		300ml [ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: TR37 Weight: 35.960		300ml [ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: TR36 Weight: 36.184
Z00 R02 m		300ml [ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: TR28 Weight: 36.783		300ml [ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: TR107 Weight: 37.283
Z00 R03 m		300ml [ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: TR202 Weight: 36.164		300ml [ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: TR225 Weight: 37.911
Z02 R01 m	###-Z02 PM-1	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: Weight:	###-Z02 FOI-1	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: Weight:
Z02 R02 m	###-Z02 PM-2	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: Weight:	###-Z02 FOI-2	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: Weight:
Z02 R03 m	###-Z02 PM-3	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: Weight:	###-Z02 FOI-3	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 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) D.D.

Net 20 µm				[ ] 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		[ ] 1/8 <i>90 ml</i>	[ ] 200 mL [ ] 15 mn		[ ] 1/8 <i>90 ml</i>	[ ] 200 mL [ ] 15 mn
FCAM20 Bottle-250mL LIVE		[ ] 1/8	<del>200</del> mL			
E20 Falcon-15mL + 15mL ETOH FRZ -20°C		[ ] 1/8	<input checked="" type="checkbox"/> 200 mL			
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect		[ ] 1/8 <i>90 ml</i>	[ ] 200 mL [ ] 15 mn			
MB20 Vial-4mL FRZ -20°C		[ ] 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)

2023 07 [ ]  
 0 4 9  
 D.D.

**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%)

~~1250 mL~~  
50mL taken from  
the 1,6 L of Cod-end #2

**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

10ml

15 mn

### Z00  
S200-2



200 mL

15 mn

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



1/8

200 mL

10ml

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) D. D.

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		<input checked="" type="checkbox"/> 50% <input checked="" type="checkbox"/> 100%	<input checked="" type="checkbox"/> 250 mL <i>50mL Taken from the S680-L Cod-end (and the 1,6L bottle)</i>			
F2000 Bottle-250mL RT >10°C + borax/formol	### EPI F2000	hand-picked #ind=	[ ] 250 mL			
S680-L Falcon-5mL FRZ -20°C + 5mL Nucleoprotect					<input type="checkbox"/> 50% <input type="checkbox"/> 100%	<input type="checkbox"/> 200 mL <input type="checkbox"/> 400 mL <input type="checkbox"/> 600 mL <input type="checkbox"/> 800 mL <i>100 ml</i> <input type="checkbox"/> 15 mn

