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LOG-SAMPLES_W-LAB-142-1

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	YYYY	MM	DD		#	#	#	
LOG_SAMPLES_	2023	06	29	_STATION-	0	4	4	_W-LAB-142-1

OPERATOR(S) JOB

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	112497132	112497133	[ ] 20L [ ] 50L 8 L	[✓] 15' [ ] 60' min.	112497136	[ ] 10L [ ] 20L L
Z00 R02 ___ m	112497134	112497135	[ ] 20L [ ] 50L 8 L	[✓] 15' [ ] 60' min.	112497137	[ ] 10L [ ] 20L 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	112497138	112497139	[ ] 20L [ ] 50L 15 L	[ ] 15' [✓] 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	112557758	112557759	[ ] 20L [ ] 50L 15 L	[ ] 15' [✓] 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	06	29	_STATION-		0	4	4	_W-LAB-142-SS-1

OPERATOR(S): **JOB**

Depth Replicate	S02-2K Cryo-5mL LN2 #1	Filtration Volume (Litres)	Filtration Duration (minutes)	
Z00 R01 m	[barcode] 112497140	[ ] 15L [ ] 50L **4** L	[ ] 15' [ ] 60' min.	**4L near saturation** 80 L : Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2
Z00 R02 m	###-Z00 S02-2K-2	[ ] 15L [ ] 50L L	[ ] 15' [ ] 60' 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

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Depth Replicate		COMMENTS S02-2K
Z00	R01	
	m	
Z00	R02	
	m	

Depth Replicate		COMMENTS < 3 μm
Z00		
	m	

LOG_SAMPLES_ YYYY `2023` MM `06` DD `29` **_STATION-** # `0` # `4` # `4` **_DECK-BGC**

OPERATOR(S) `LO & DC`

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		112557816	112557817	112557818		112558057	112557650
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	112557819	112557822	112557825			
Z00	R02 m	112557820	112557823	112557826			
Z00	R03 m	112557821	112557824	112557827			
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				

Handwritten box:

	DOC CONTROL MILLIQ	CDOM CONTROL MILLIQ
R1	112557991	112558062
R2	112557992	112558063
R3	112557993	112558064

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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	Controls done after the station. System was cleaned with 1L acidified MilliQ, rinsed with 2L MilliQ, and then rinsed the sleeves with 500mL of MilliQ. The cleaning/controls were done in the S-Lab, in which there are some Ethanol and bleach. (might be a source of contamination)		
Z02	R02 ____ m			
Z02	R03 ____ m			

		YYYY	MM	DD		#	#	#	
LOG_SAMPLES_		2023	06	29	_STATION-	0	4	4	_TARDIS-SCP-SS

OPERATOR(S): LO

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 m	R01	112557828	[ ] 1L [x] 2L / L	[ ] 60' [ ] 120' min.	112557834	[ ] 1L [x] 2L L	[ ] 60' [ ] 120' min.
Z00 m	R02	112557829	[ ] 1L [x] 2L L	[ ] 60' [ ] 120' min.	112557835	[ ] 1L [x] 2L L	[ ] 60' [ ] 120' min.
Z00 m	R03	112557830	[ ] 1L [x] 2L L	[ ] 60' [ ] 120' min.	112557836	[ ] 1L [x] 2L L	[ ] 60' [ ] 120' min.
Z00 m	R04	112557831	[ ] 1L [x] 2L L	[ ] 60' [ ] 120' min.	112557843	[ ] 1L [x] 2L L	[ ] 60' [ ] 120' min.
Z00 m	R05	112557832	[ ] 1L [x] 2L L	[ ] 60' [ ] 120' min.			
Z00 m		112557833	[ ] 1L [x] 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	

LOG_SAMPLES_ YYYY **2023** MM **06** DD **29** _STATION- # **0** # **4** # **4** _W-LAB-142-SS-2

OPERATOR(S) LO

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	112557837	[ ] 16L	[ ] 30	112557840	[ ] 16L	[ ] 30
	m		22 L	40 min.		22 L	40 min.
Z00	R02	112557838	[ ] 16L	[ ] 30	112557841	[ ] 16L	[ ] 30
	m		16,5 L	25 ~~15~~ min.		16,5 L	25 min.
Z00		112557839	[ ] 16L	[ ] 30	112557842	[ ] 16L	[ ] 30
	m		250 mL	2 min.		250mL	2 min.
Z02	R01	###-Z02 MB320-SS-1	[ ] 16L	[ ] 30	###-Z02 MB033-SS-1	[ ] 16L	[ ] 30
	m		L	min.		L	min.
Z02	R02	###-Z02 MB320-SS-2	[ ] 16L	[ ] 30	###-Z02 MB033-SS-2	[ ] 16L	[ ] 30
	m		L	min.		L	min.
Z02		###-Z02 MB320-H2O	[ ] 16L	[ ] 30	###-Z02 MB033-H2O	[ ] 16L	[ ] 30
	m		L	min.		L	min.

COMMENTS

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	

	YYYY	MM	DD		#	#	#	
LOG_SAMPLES_	2023	06	19	_STATION-	0	4	4	_S-LAB-OTHER
OPERATOR(S)	H B							

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	112497460	112497468	112497476	112497479	112497481	112497483
Z00 R02 m	112497461	112497469	112497477	112497480	112497482	112497484
Z00 R03 m	112497462	112497470	112497478	Glycine-betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at -20°C
Z00 R04 m	112497463	112497471	Glycerol prealiquot - RT			
Z00 R05 m	112497464	112497472		DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C
Z00 R06 m	112497465	112497473		112558037	112558040	112558043
Z00 R07 m	112497466	112497474		112558038	112558041	112558044
Z00 R08 m	112497467	112497475		112558039	112558042	112558045
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	112558036	[ ] 30L 22 L	[ ] 30 45 min.	=> Collect filtrate for SS protocol onland : V<0.45	
Z02 m	###-Z02 eDNA	[ ] 30L L	[ ] 30 min.		

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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	

	YYYY	MM	DD		#	#	#	
LOG_SAMPLES_	2023	06	29	_STATION-	O	4	4	_S-LAB-DECKNET-5

OPERATOR(S): 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 ___ L	:	:	112497485	112497486	
Z02 ___ m	[ ] 100 L ___ L	:	:	### Z02 SG5-1	### Z02 SG5-2	

Depth	FM5-1* Falcon-50mL FRG +4°C	FM5-2* Falcon-50mL FRG +4°C				
Z00 ___ m	112558055	112558058				
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	

	YYYY	MM	DD		#	#	#	
LOG_SAMPLES_	2023	06	29	_STATION-	0	4	4	_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. 1.27 2. 1.48 3. 1.51	1.59	###-Z00 PM-CTRL	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: Weight:
Z02 __m	1. 2. 3.		**TRIPLICATES 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)		HP Cryo-2mL LN2 #2	Filtration Volume (mL)	Filtration Duration (minutes)
			Z00 R01 __m	112497162	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	[ ] 30' [ ] 40' 500 ml max min
Z00 __m	###-Z00 PA	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	Z00 R02 __m	###-Z00 HP-2	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	[ ] 30' [ ] 40' max min
Z02 __m	112557907	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270 500 ml	Z00 R03 __m	###-Z00 HP-3	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	[ ] 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	112557908	500 ml [ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: TR285 Weight: 37.202	112557911	500 ml [ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: TR267 Weight: 36.858
Z00 R02 __m	112557909	500 ml [ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: TR145 Weight: 37.775	112557912	500 ml [ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: TR277 Weight: 36.427
Z00 R03 __m	112557910	500 ml [ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: TR03 Weight: 37.768	112557913	500 ml [ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: TR266 Weight: 36.672
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	

	YYYY	MM	DD		#	#	#	
LOG-SAMPLES_	2023	06	29	_STATION-	0	4	4	_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**	112497163	[ ] 1/8 *250ml*	[ ] 200 mL [ ] 15 mn	112497164	[ ] 1/8 *250ml*	[ ] 200 mL [ ] 15 mn
FCAM20 Bottle-250mL LIVE	112557914	[ ] 1/8	[ ] 200 mL			
E20 Falcon-15mL + 15mL ETOH FRZ -20°C	112557915	[✗] 1/8	[✗] 200 mL			
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect	112557916	[✗] 1/8 *250ml*	[ ] 200 mL [ ] 15 mn			
MB20 Vial-4mL FRZ -20°C	112557917	[✗] 1/8	[✗] 200 mL			
FM20 Falcon-50mL FRG +4°C Prealiquoted PFA+GLUTA store at -20°C	112557918	[✗] 45 mL		112557919	[✗] 45 mL	

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	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 **2023** | MM **06** | DD **29** | _STATION- | # **0** | # **4** | # **4** | _S-LAB-NET-200

OPERATOR(S) **D.D.**

	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	112557920	[ ] 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**	112497165	[ ] 1/8 *30ml*	[ ] 200 mL [ ] 15 mn	112497166	[ ] 1/8 *30ml*	[ ] 200 mL [ ] 15 mn
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo	112557921	[ ] 1/8 *30ml*	[ ] 200 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		

	YYYY	MM	DD			#	#	#	
LOG-SAMPLES_	2024	06	29	_STATION-		O	4	4	_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**	112557922	[ ] 50 % [ ] 100 %	● 250 mL			
F2000 **Bottle-250mL** **RT >10°C** **+** **borax/formol**	### EPI F2000	hand-picked #ind=	[ ] 250 mL			
S680-L **Falcon-5mL** **FRZ -20°C** **+ 5mL** **Nucleoprotect**				112557923	[ ] 50 % [ ] 100 % 170ml	[ ] 200 mL [ ] 400 mL [ ] 600 mL [ ] 800 mL [ ] 15 mn

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F4

	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
F680 Bottle-250mL RT >10°C		
F2000 Bottle-250mL RT >10°C		
S680-L Falcon-5mL FRZ -20°C		