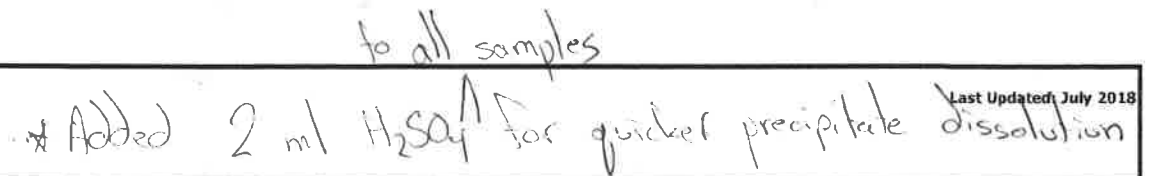


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* Added 2 ml H_2SO_4 for quicker precipitate dissolution

[illegible]

Bottle integrity: First test the top vent (V) by opening the lower spigot (S) then test the spigot by opening the vent. Mark 'x' in the appropriate column if either fails the integrity check and explain this in the comments column.

Dissolved Oxygen Analysis Log Sheet

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Last Updated: July 2018

Cruise and Analysis Information							Nisk ID	Nisk Int V S	Sample ID	Flask 1	Draw T 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments	Nisk ID	Sample ID	Flask 2	Draw T 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
Cruise Number: 2019-007	1	✓	✓	13	3073	9.4	2.464		1					1					
Event: 12	2	✓	✓	14	3059	9.3	3.308		2					2					
Station: CPF2	3	✓	✓	15A	2068	8.8	3.890	⇒	3	15B	2060	8.9	3.908	3					
Event Date (Local): 5 Mar 2019	4	✓	✓	16	1406	8.7	4.047		4					4					
Analysis Date (Local): 19 Mar 2019	5	✓	✓	17	3649	8.5	4.278		5					5					
Analyst: KS	6	✓	✓	18	1055	8.0	4.939		6					6					
Stdization Date (Local): 19 Mar 2019	7	✓	✓	19	505	6.9	6.608		7					7					
KIO ₃ N: 0.019329	8	✓	✓	20	2065	7.0	6.724		8					8					
Standard Titer: 0.47844	9								9					9					
Blank Titer: 0.00642	10								10					10					
THIO N: 0.24969	11								11					11					
Sample Flask Water Seal? <u>Yes</u>	12								12					12					
	13								13					13					
Reagent Change? MnCl ₂	14								14					14					
(Please circle reagent that was changed prior to sampling and standardization)	15								15					15					
NOTE NEW BATCH IN LOG BOOK	16								16					16					
	17								17					17					
	18								18					18					
Notes: Matt sampling	19			13	14	15 A	15 B	16	17	18	19	20							
	20			Oxy	Oxy	Oxy	Oxy	Oxy	Oxy	Oxy	Oxy	Oxy							
	21			CPF2	CPF2	CPF2	CPF2	CPF2	CPF2	CPF2	CPF2	CPF2							
	22			b-10 m	200 m	100 m	100 m	75 m	50 m	CPF2	CPF2	0 m							
	23			2019-007	2019-007	2019-007	2019-007	2019-007	2019-007	20 m	5 m	0 m							
	24			Bot 1	Bot 2	Bot 3	Bot 3	Bot 4	Bot 5	2019-007	2019-007	2019-007							

Bottle integrity: First test the top vent (V) by opening the lower spigot (S) then test the spigot by opening the vent. Mark 'X' in the appropriate column if either fails the integrity check and explain this in the comments column.

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group

Last Updated: January 2017



Cruise and Analysis Information		Nisk ID	Nisk Int V	Nisk Int S	Sample ID	Flask 1	Draw T 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments	Nisk ID	Sample ID	Flask 2	Draw T 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
Cruise Number:	2019-007	1	✓	✓	46	1409	7.5	5.791		1					
Event:	67	2	✓	✓	47	1094	7.5	5.902		2					
Station:	46	3	✓	✓	48	471	7.5	5.924		3					
Event Date (Local):	7 Mar 2019	4	✓	✓	49	396	7.6	5.852		4					
Analysis Date (Local):	19 Mar 19	5	✓	✓	50A	3137	7.2	6.175		5	50B	3046	7.4	6.174	
Analyst:	KS	6	✓	✓	51	2089	6.6	7.397		6					
Stdization Date (Local):	19 Mar 2019	7	✓	✓	52	2055	6.4	7.799		7					
KIO ₃ N:	0.0119329	8								8					
Standard Titer:	0.47844	9								9					
Blank Titer:	0.00042	10								10					
THIO N:	0.24969	11								11					
Sample Flask Water Seal?	Yes	12			001	900	3.980	TWN 26 Jan IND2 Cast 4		12					
	No	13			002	901	2.500	TWN 26 Jan CTD1		13					
Reagent Change?	MnCl ₂	14								14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15								15					
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16								16					
	KIO ₃	17								17					
	THIO	18								18					
Notes:		19								19					
		20								20					
		21								21					
		22								22					
		23								23					
		24								24					

Bottle integrity: First test the top vent (V) by opening the lower spigot (S) then test the spigot by opening the vent. Mark 'x' in the appropriate column if either fails the integrity check and e column.

TWN
Jan 26
IND2
Cast 4
O₂
001

TWN
CTD1
Jan 26
O₂
002