

bot 7

the comments column.

bot 21

25

OXY

SAUP

2022-035

BTM-5 m

bot 1

28

OXY

SAUP

2022-035

800 m

bot 4

29

OXY

SAUP

2022-035

700 m

bot 5

30

OXY

SAUP

2022-035

600 m

bot 6

31

OXY

SAUP

2022-035

500 m

bot 7

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group



Last Updated: December 2019

Cruise and Analysis Information							Nisk ID	Nisk Int V S	Sample ID	Flask 1	Draw Temp 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments	Nisk ID	Sample ID	Flask 2	Draw Temp 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
Cruise Number:	2022-035	1		25	3117	4.2	0.304							1					
Event:	10	2												2					
Station:	SAUP	3												3					
Event Date (Local):	2022-06-19	4		28	438	4.7	0.317							4					
Analysis Date (Local):	2022-06-19	5		29	730	4.9	0.302							5					
Analyst:	01	6		30	929	5.3	0.469							6					
Stdization Date (Local):	2022-06-17	7		31	3031	5.6	0.840							7					
KIO ₃ N:	0.0118250	8		32A	1406	5.7	1.222							8	32B	954	5.8	1.234	
Standard Titer:	0.494183L	9		33	437	6.1	1.753							9					
Blank Titer:	0.0005322	10		34	658	6.4	2.086							10					
THIO N:	0.242139	11												11					
Sample Flask Water Seal?	Yes	12												12					
	No	13		37	547	6.7	6.54							13					
Reagent Change?	MnCl ₂	14		38	943	7.7	6.789							14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15		39A	196	9.5	6.907							15	39B	1015	9.6	6.916	
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16		40	2088	12.7	6.686							16					
	KIO ₃	17												17					
	THIO	18												18					
Notes:		19												19					
		20												20					
18 - Octopus.xlsx		21												21					
		22												22					
		23												23					
		24												24					

te column if either fails the integrity check and explain this in the comments column.

32A

OXY

SAUP

2022-035

400 m

bot 8

32B

OXY

SAUP

2022-035

400 m

bot 8

33

OXY

SAUP

2022-035

300 m

bot 9

34

OXY

SAUP

2022-035

250 m

bot 10

37

OXY

SAUP

2022-035

100 m

bot 13

38

OXY

SAUP

2022-035

50 m

bot 14

39A

OXY

SAUP

2022-035

25 m

bot 15

39B

OXY

SAUP

2022-035

25 m

bot 15

40

OXY

SAUP

2022-035

5 m

bot 16

44
OXY
BOW22_2
2022-035
BTM-5 m
bot 1
47A
OXY
BOW22_2
2022-035
500 m
bot 4
47B
OXY
BOW22_2
2022-035
500 m
bot 4
48
OXY
BOW22_2
2022-035
400 m
bot 5
49
OXY
BOW22_2
2022-035
300 m
bot 6
50
OXY
BOW22_2
2022-035
250 m
bot 7

Dissolved Oxygen Analysis Log Sheet
Institute of Ocean Sciences
Water Properties Group



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Cruise and Analysis Information		Nisk ID	Nisk Int V S	Sample ID	Flask 1	Draw Temp 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments	Nisk ID	Sample ID	Flask 2	Draw Temp 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
Cruise Number:	2022-035	1		44	3117	5.4	0.412		1					
Event:	15	2							2					
Station:	BOW22_2	3							3					
Event Date (Local):	2022-06-20	4		47A	438	5.5	0.808		4	47B	730	5.6	0.805	
Analysis Date (Local):	2022-06-25	5		48	929	5.9	1.115		5					
Analyst:	CS	6		49	3031	6.2	1.544		6					
Stdization Date (Local):	2022-06-25	7		50	1406	6.2	2.257		7					
KIO ₃ N:	0.0119622	8							8					
Standard Titer:	0.0041614	9							9					
Blank Titer:	0.0008955	10		53	954	6.5	6.091		10					
THIO N:	0.242307	11		54	437	8.9	1.133		11					
Sample Flask Water Seal?	Yes	12		55	658	6.7	6.753		12					
	No	13		56	547	6.1	0.740		13					
Reagent Change?	MnCl ₂	14							14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15							15					
	H ₂ SO ₄	16							16					
NOTE NEW BATCH IN LOG BOOK	KIO ₃	17							17					
	THIO	18							18					
Notes:		19							19					
		20							20					
		21							21					
		22							22					
		23							23					
		24							24					

53
OXY

54
OXY

55
OXY

56
OXY

53 OXY 54 OXY 55 OXY 56 OXY
BOW22_2 F BOW22_2 F BOW22_2 F BOW22_2 F BOW22_2 F
2022-035 2022-035 2022-035 2022-035 2022-035
250 m 100 m 50 m 25 m 5 m
bot 7 bot 10 bot 11 bot 12 bot 13
pigot (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.

60

OXY

BOW22

2022-035

BTM-5 m

bot 1

61

OXY

BOW22

2022-035

1500 m

bot 2

62

OXY

BOW22

2022-035

1250 m

bot 3

63

OXY

BOW22

2022-035

1000 m

bot 4

64

OXY

BOW22

2022-035

900 m

bot 5

65A

OXY

BOW22

2022-035

800 m

bot 6

65B

OXY

BOW22

2022-035

800 m

bot 6

66

OXY

BOW22

2022-035

700 m

bot 7

67

OXY

BOW22

2022-035

600 m

bot 8

68

OXY

BOW22

2022-035

500 m

bot 9

69

OXY

BOW22

2022-035

400 m

bot 10

70

OXY

BOW22

2022-035

300 m

bot 11

71

OXY

BOW22

2022-035

250 m

bot 12

72

OXY

BOW22

2022-035

200 m

bot 13

73

OXY

BOW22

2022-035

100 m

bot 14

74A

OXY

BOW22

2022-035

50 m

bot 15

74B

OXY

BOW22

2022-035

50 m

bot 15

75

OXY

BOW22

2022-035

25 m

bot 16

76

OXY

BOW22

2022-035

5 m

bot 17

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group



Last Updated: December 2019

Cruise and Analysis Information							Nisk ID	Nisk Int V S	Sample ID	Flask 1	Draw Temp 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments	Nisk ID	Sample ID	Flask 2	Draw Temp 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
Cruise Number:	2022-035	1		60	943	3.2	1.176							1					
Event:	20	2		61	196	3.5	1.080							2					
Station:	BOW22	3		62	1015	3.9	0.435							3					
Event Date (Local):	2022-06-20	4		63	2088	4.4	0.300					OT		4					
Analysis Date (Local):	2022-06-25	5		64	3155	4.2	0.358							5					
Analyst:	0	6		65A	931	4.9	0.299							6	65B	2086	5.0	0.294	
Stdization Date (Local):	2022-06-25	7		66	1019	5.4	0.321							7					
KIO ₃ N:	0.0119622	8		67	16	6.3	0.518							8					
Standard Titer:	0.4941614	9		68	17	5.4	0.709							9					
Blank Titer:	0.0008958	10		69	94	5.7	0.968							10					
THIO N:	0.24237	11		70	953	5.7	1.542							11					
Sample Flask Water Seal?	Yes	12		71	1459	6.0	2.055							12					
	No	13		72	3073	6.3	2.406							13					
Reagent Change?	MnCl ₂	14		73	21	6.9	5.362							14					
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15		74A	947	7.7	1.060							15	74B	620	7.7	1.064	
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16		75	528	9.7	6.843							16					
	KIO ₃	17		76	1023	10.7	6.75							17					
	THIO	18												18					
		19												19					
		20												20					
		21												21					
		22												22					

Notes:

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ts column.

Dissolved Oxygen Analysis Log Sheet

Institute of Ocean Sciences
Water Properties Group



Cruise and Analysis Information							Nisk ID		Nisk Int V S	Sample ID	Flask 1	Draw Temp 1 (°C)	OXY-1 (mL/L)	OXY-1 Comments	Nisk ID		Sample ID	Flask 2	Draw Temp 2 (°C)	OXY-2 (mL/L)	OXY-2 Comments
Cruise Number:	2022-035	1			87	19	3.4	2.106							1						
Event:	27	2													2						
Station:	WestVal2022	3													3						
Event Date (Local):	2022-06-24	4			90	690	3.3	1.838							4						
Analysis Date (Local):	2022-06-25	5			91	2069	3.8	1.379							5						
Analyst:	01	6			92	2043	4.0	0.606							6						
Stdization Date (Local):	2022-01-25	7			93A	3053	4.5	0.316							7	93B	3100	4.7	0.383		
KIO ₃ N:	0.0119622	8			94	3209	5.1	0.247							8						
Standard Titer:	0.494614	9			95	2007	5.3	0.234							9						
Blank Titer:	0.0008955	10			96	3023	5.8	0.258	OT						10						
THIO N:	0.242307	11			97	946	6.1	0.415							11						
Sample Flask Water Seal?	Yes	12			98	3044	6.3	0.601							12						
	No	13			99	3083	6.7	0.858							13						
Reagent Change?	MnCl ₂	14			100	3170	7.0	1.343							14						
(Please circle reagent that was changed prior to sampling and standardization)	NaI/NaOH	15			101	3013	8.1	1.855							15						
NOTE NEW BATCH IN LOG BOOK	H ₂ SO ₄	16			102	3065	8.6	2.347							16						
	KIO ₃	17													17						
	THIO	18													18						
Notes:		19			105	2090	9.2	5.400							19						
		20			106A	3190	9.7	6.912							20	106B	1223	9.3	6.910		
		21			107	3088	10.6	7.045							21						
		22			108	3072	12.3	6.559							22						

93B	94	95	96	97	98	99	100	101	102	105	106A	106B	107	108
OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY	OXY
WestVal2...	WestVal2...	WestVal2...	WestVal2...	WestVal2...	WestVal2...	WestVal2...	WestVal2...	WestVal2...	WestVal2...	WestVal2...	WestVal2...	WestVal2...	WestVal2...	WestVal2...
2022-035	2022-035	2022-035	2022-035	2022-035	2022-035	2022-035	2022-035	2022-035	2022-035	2022-035	2022-035	2022-035	2022-035	2022-035
1250 m	1000 m	900 m	800 m	700 m	600 m	500 m	400 m	300 m	250 m	100 m	50 m	50 m	25 m	5 m
bot 7	bot 8	bot 9	bot 10	bot 11	bot 12	bot 13	bot 14	bot 15	bot 16	bot 19	bot 20	bot 20	bot 21	bot 22