

**BOD 7 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 02/17/2022**QC BATCH ID:** LB118722**BOD Water:** WP95349**Starch:** W2766**Sulfuric acid, 1N:** M5038**POLYSEED:** WP95349**GGA:** WP95348**Chlorine Strips:** W2543**pH Strips:** W2716**MANGANOUS SULFATE SOLUTION:** W2767**Alkaline Iodide Azide:** W2742**Sodium Thiosulfate, 0.025N:** W2843**NaOH, 1N:** WP94570**IncubatorID:** INCUBATOR #3**GuageID:** 0511064**Zero DO:** WP94126

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.5	9.5	9.55
WINKLER 2	WINKLER 2	2	300	9.5	19.1	9.6	9.55

Meter Calibration1: 9.00

Barometric Pressure1: 765 mmHg

Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 9.48

After Incubation

Meter Calibration2: 9.09

Barometric Pressure2: 765 mmHg

Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.92



QC BATCH ID: LB118722

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 16:00

TIME OUT: 11:00

DATE IN: 02/17/2022

DATE OUT: 02/24/2022

Lab SampleID	Bottle No.	Check CL	Initial PH	Final PH	Temp °C	Sam Vol. (mL)	D.O.1 Initial	D.O.2 Final	Depletion	BOD Result (mg/L)	Avg Result (mg/L)	Comment
LB118722BL	1	No	6.0	N/A	21.20	300	9.02	8.90	0.12	0.12	0.12	
POLYSEED	1					10	9.02	5.11	3.91	0.78	0.71	
POLYSEED	2					15	9.00	4.12	4.88	0.65		
POLYSEED	3					20	8.98	1.85	7.13	0.71		
GGA	1					6	9.00	4.05	4.95	212	199.5	
GGA	2					6	8.98	4.35	4.63	196		
GGA	3					6	8.94	4.42	4.52	190.5		
N1570-05	1	No	6.88	N/A	20.10	0.1	8.92	7.15	-	0	2760	
N1570-05	2					0.5	8.87	3.56	5.31	2760		
N1570-05	3					1	8.85	0.23	-	0		
N1570-05	4					5	8.83	0.20	-	0		
N1570-05DUP	1	No	6.88	N/A	20.10	0.1	8.90	7.18	-	0	2742	
N1570-05DUP	2					0.5	8.88	3.60	5.28	2742		
N1570-05DUP	3					1	8.85	0.25	-	0		
N1570-05DUP	4					5	8.83	0.22	-	0		
N1592-05	1	No	6.78	N/A	21.20	0.1	8.93	6.95	-	0	1983	
N1592-05	2					0.5	8.90	4.06	4.84	2478		
N1592-05	3					1	8.88	3.21	5.67	1488		
N1592-05	4					5	8.86	0.85	-	0		

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.

WORKLIST(Hardcopy Internal Chain)

AB118722

WorkList Name : bod7 21722 WorkList ID : 156938 Department : Wet-Chemistry Date : 02-17-2022 13:42:02

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
02/18/2022	Water	N1570-05	BOD_7	1:1 HNO3 to p	AMER08	M11	BOD	02/16/2022	SM5210 B
02/19/2022	Water	N1592-05	BOD_7	1:1 HNO3 to p	AMER08	N11	BOD	02/17/2022	SM5210 B

Date/Time 02/17/22 14:55
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)

Date/Time 02/17/22 16:05
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)