

BOD 7 LOG**ANALYST:** ketankumar**SUPERVISOR:** Iwona**Analysis Date:** 08/04/2022**QC BATCH ID:** LB121357**BOD Water:** wp98197**Starch:** W2766**Sulfuric acid, 1N:** WP94324**POLYSEED:** WP98199**GGA:** WP98198**Chlorine Strips:** W2011**pH Strips:** W2716**MANGANOUS SULFATE SOLUTION:** W2767**Alkaline Iodide Azide:** W2742**Sodium Thiosulfate, 0.025N:** W2843**NaOH, 1N:** WP97250**IncubatorID:** INCUBATOR #3**GuageID:** 0511064**Zero DO:** WP98094

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.8	8.8	8.9
WINKLER 2	WINKLER 2	2	300	8.8	17.8	9	8.9

Meter Calibration1: 8.82

Barometric Pressure1: 765 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.90

After Incubation

Meter Calibration2: 8.72

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.80



QC BATCH ID: LB121357

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 17:25

TIME OUT: 11:00

DATE IN: 08/04/2022

DATE OUT: 08/11/2022

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
LB121357BL	1	No	6.0	N/A	21.20	300	8.86	8.78	0.08	0.08	0.08	
POLYSEED	1					10	8.84	4.25	4.59	0.92	0.77	
POLYSEED	2					15	8.82	3.78	5.04	0.67		
POLYSEED	3					20	8.81	1.59	7.22	0.72		
GGA	1					6	8.78	3.50	5.28	225.5	206	
GGA	2					6	8.79	3.95	4.84	203.5		
GGA	3					6	8.80	4.25	4.55	189		
N4034-05	1	No	6.48	N/A	20.40	0.1	8.85	4.57	4.28	10530	4743	
N4034-05	2					0.5	8.84	4.26	4.58	2286		
N4034-05	3					1	8.78	3.30	5.48	1413		
N4034-05	4					5	8.75	0.30	-	0		
N4034-05DUP	1	No	6.48	N/A	20.40	0.1	8.84	4.58	4.26	10470	4713	
N4034-05DUP	2					0.5	8.83	4.30	4.53	2256		
N4034-05DUP	3					1	8.80	3.32	5.48	1413		
N4034-05DUP	4					5	8.73	0.32	-	0		
N4059-05	1	No	6.45	N/A	21.20	0.1	8.86	6.38	2.48	5130	3933	
N4059-05	2					0.5	8.82	3.49	5.33	2736		
N4059-05	3					1	8.78	0.24	-	0		
N4059-05	4					5	8.76	0.22	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB121357

WorkList Name : BOD8422 WorkList ID : 161993 Department : Wet-Chemistry Date : 08-04-2022 14:49:46

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
08/05/2022	Water	N4034-05	BOD_7	1:1 HNO3 to p	AMER08	N11	BOD	08/03/2022	SM5210 B
08/06/2022	Water	N4059-05	BOD_7	1:1 HNO3 to p	AMER08	N11	BOD	08/04/2022	SM5210 B

Date/Time 08/04/22 15:55
Raw Sample Received by: KS (wc)
Raw Sample Relinquished by: pag (11v)

Date/Time 08/04/22 17:30
Raw Sample Received by: pag (1221)
Raw Sample Relinquished by: KS (wc)