

BOD 7 LOG**ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 08/13/2021**QC BATCH ID:** LB115838**BOD Water:** wp92511**Starch:** W2703**Sulfuric acid, 1N:** W2609**POLYSEED:** wp92514**GGA:** wp92513**Chlorine Strips:** W2543**pH Strips:** W2716**MANGANOUS SULFATE SOLUTION:** W2767**Alkaline Iodide Azide:** W2742**Sodium Thiosulfate, 0.025N:** W2843**NaOH, 1N:** WP91991**IncubatorID:** INCUBATOR #3**GuageID:** 0511064**Zero DO:** WP92454

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.5	8.5	8.6
WINKLER 2	WINKLER 2	2	300	8.5	17.2	8.7	8.6

Meter Calibration1: 8.48

Barometric Pressure1: 760 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.82

After Incubation

Meter Calibration2: 8.38

Barometric Pressure2: 760 mmHg

Zero DO Reading2: 0.09 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.53



QC BATCH ID: LB115838

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 10:00

TIME OUT: 12:00

DATE IN: 08/13/2021

DATE OUT: 08/20/2021

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
LB115838BL	1	No	6.0	N/A	21.20	300	8.92	8.50	0.42	0.42	0.42	
POLYSEED	1					10	8.72	4.19	4.53	0.91	0.79	
POLYSEED	2					15	8.67	2.83	5.84	0.78		
POLYSEED	3					20	8.53	1.76	6.77	0.68		
GGA	1					6	8.40	2.23	6.17	269	211	
GGA	2					6	8.30	4.10	4.2	170.5		
GGA	3					6	8.24	3.58	4.66	193.5		
M3373-05	1	No	6.43	N/A	20.50	0.5	8.19	3.57	4.62	2298	1876.5	
M3373-05	2					1	8.04	2.40	5.64	1455		
M3373-05	3					2	8.03	0.20	-	0		
M3373-05	4					5	7.90	0.18	-	0		
M3373-05DUP	1	No	6.43	N/A	20.50	0.5	8.17	3.58	4.59	2280	1861.5	
M3373-05DUP	2					1	8.02	2.42	5.6	1443		
M3373-05DUP	3					2	8.00	0.22	-	0		
M3373-05DUP	4					5	7.89	0.20	-	0		
M3402-05	1	No	6.48	N/A	20.50	0.5	7.90	5.19	2.71	1152	1204.5	
M3402-05	2					1	7.80	2.82	4.98	1257		
M3402-05	3					2	7.68	0.42	-	0		
M3402-05	4					5	7.53	0.13	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 115238

WorkList Name : bod781221

WorkList ID : 151354

Department : Wet-Chemistry

Date : 08-12-2021 09:33:35

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
08/13/2021	Water	M3373-05	BOD_7	Cool 4 deg C	AMER08	D42	BOD	08/11/2021	SM5210 B
08/14/2021	Water	M3402-05	BOD_7	1:1 HNO3 to p	AMER08	D51	BOD	08/12/2021	SM5210 B

Date/Time 08/13/21 08:30
 Raw Sample Received by: KS (wc)
 Raw Sample Relinquished by: KS (wc)

Date/Time 08/13/21 10:10
 Raw Sample Received by: KS (wc)
 Raw Sample Relinquished by: KS (wc)