

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 07/16/2021**QC BATCH ID:** LB115403**BOD Water:** WP92079**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2703**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** WP88863**Sodium Thiosulfate, 0.025N:** WP90938**POLYSEED:** WP92081**NaOH, 1N:** WP91991**GGA:** WP92080**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2543**GuageID:** 0511064**pH Strips:** W2716**Zero DO:** WP91886

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

Meter Calibration1: 8.76

Zero DO Reading1: 0.09 mg/L (<=0.2 Criteria)

Barometric Pressure1: 765 mmHg

Winkler titrated BOD fluid DO reading1: 8.70

After Incubation

Meter Calibration2: 8.66

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

Barometric Pressure2: 760 mmHg

Winkler titrated BOD fluid DO reading2: 8.67



QC BATCH ID: LB115403

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 17:15

TIME OUT: 11:20

DATE IN: 07/16/2021

DATE OUT: 07/21/2021

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
LB115403BL	1	No	6.0	N/A	21.20	300	8.72	8.62	0.1	0.1	0.1	
POLYSEED	1					10	8.72	4.10	4.62	0.92	0.83	
POLYSEED	2					15	8.71	2.53	6.18	0.82		
POLYSEED	3					20	8.73	1.17	7.56	0.76		
GGA	1					6	8.67	4.48	4.19	168	192.33	
GGA	2					6	8.66	3.44	5.22	219.5		
GGA	3					6	8.70	4.08	4.62	189.5		
M3090-01	1	No	7.07	N/A	18.20	0.5	8.71	5.34	3.37	1524	1324	
M3090-01	2					1	8.67	3.08	5.59	1428		
M3090-01	3					2	8.65	1.02	7.63	1020		
M3090-01	4					5	8.57	0.18	-	0		
M3090-01	5					10	8.41	0.17	-	0		
M3090-01DUP	1	No	7.07	N/A	18.20	0.5	8.70	5.35	3.35	1512	1315.5	
M3090-01DUP	2					1	8.66	3.10	5.56	1419		
M3090-01DUP	3					2	8.64	1.04	7.6	1015.5		
M3090-01DUP	4					5	8.40	0.18	-	0		
M3090-01DUP	5					10	8.39	0.17	-	0		
M3090-05	1	No	4.22	7.20	17.20	0.01	8.70	6.71	-	0	13890	pH Adjusted
M3090-05	2					0.05	8.68	5.49	3.19	14160		
M3090-05	3					0.1	8.67	3.30	5.37	13620		
M3090-05	4					0.5	8.66	0.23	-	0		
M3090-05	5					1	8.65	0.17	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 115403

WorkList Name : BOD71621 WorkList ID : 150654 Department : Wet-Chemistry Date : 07-16-2021 16:15:39

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
07/18/2021	Water	M3090-01	C BOD5	Cool 4 deg C	HOLL01	L11	EFFLUENT	07/16/2021	SM5210 B
07/18/2021	Water	M3090-05	B BOD5	Cool 4 deg C	HOLL01	L11	INFLUENT	07/16/2021	SM5210 B

Date/Time 07/16/21 16:40
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: JP (WC)

Date/Time 07/16/21 17:20
 Raw Sample Received by: JP (WC)
 Raw Sample Relinquished by: KS (WC)