

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 09/22/2021**QC BATCH ID:** LB116442**BOD Water:** WP93065**Starch:** W2703**Sulfuric acid, 1N:** WP91648**POLYSEED:** WP93067**GGA:** WP93066**Chlorine Strips:** W2544**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:** WP92838

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: 8.55

Barometric Pressure1: 760 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.45

After Incubation

Meter Calibration2: 8.59

Barometric Pressure2: 760 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.48



QC BATCH ID: LB116442

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 14:45

TIME OUT: 13:30

DATE IN: 09/22/2021

DATE OUT: 09/27/2021

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
LB116442BL	1	No	6.0	N/A	19.00	300	8.36	8.35	0.01	0.01	0.01	
POLYSEED	1					10	8.34	4.14	4.2	0.84	0.76	
POLYSEED	2					15	8.31	2.72	5.59	0.75		
POLYSEED	3					20	8.33	1.45	6.88	0.69		
GGA	1					6	8.30	4.25	4.05	164.5	181.5	
GGA	2					6	8.29	3.95	4.34	179		
GGA	3					6	8.28	3.50	4.78	201		
M3855-01	1	No	8.03	7.20	20.60	0.5	8.34	5.57	2.77	1206	1176	pH Adjusted
M3855-01	2					1	8.33	3.75	4.58	1146		
M3855-01	3					2	8.32	0.46	-	0		
M3855-01	4					5	8.26	0.26	-	0		
M3855-01	5					10	8.19	0.23	-	0		
M3855-05	1	No	4.23	7.20	20.40	0.01	8.27	6.37	-	0	13050	pH Adjusted
M3855-05	2					0.05	8.26	5.25	3.01	13500		
M3855-05	3					0.1	8.25	3.29	4.96	12600		
M3855-05	4					0.5	8.24	0.27	-	0		
M3855-05	5					1	8.23	0.24	-	0		
M3866-02	1	No	6.85	N/A	22.00	0.5	8.29	5.99	2.3	924	946.5	
M3866-02	2					1	8.28	4.05	4.23	1041		
M3866-02	3					2	8.25	1.66	6.59	874.5		
M3866-02	4					3	8.23	0.38	-	0		
M3866-02DUP	1	No	6.85	N/A	22.00	0.5	8.30	6.00	2.3	924	944.5	
M3866-02DUP	2					1	8.29	4.08	4.21	1035		
M3866-02DUP	3					2	8.27	1.68	6.59	874.5		
M3866-02DUP	4					3	8.25	0.40	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD92221 WorkList ID : 152470 Department : Wet-Chemistry Date : 09-22-2021 09:53:25

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/23/2021	Water	M3855-01	C BOD5	Cool 4 deg C	HOLL01	D11	EFFLUENT	09/21/2021	SM5210 B
09/23/2021	Water	M3855-05	B BOD5	Cool 4 deg C	HOLL01	D11	INFLUENT	09/21/2021	SM5210 B
09/24/2021	Water	M3866-02	A BOD5	Cool 4 deg C	ARAM01	D11	COMP	09/22/2021	SM5210 B

Date/Time 09/22/21 14:15
 Raw Sample Received by: KS CWC
 Raw Sample Relinquished by: AS CWC

Date/Time 09/22/21 14:50
 Raw Sample Received by: AS CWC
 Raw Sample Relinquished by: KS CWC