

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 02/11/2022**QC BATCH ID:** LB118644**BOD Water:** WP95254**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2766**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** M5038**Sodium Thiosulfate, 0.025N:** W2843**POLYSEED:** WP95256**NaOH, 1N:** WP94570**GGA:** WP95255**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2543**GuageID:** 0511064**pH Strips:** W2716**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	9.10	9.1	9.15
WINKLER 2	WINKLER 2	2	300	9.10	18.3	9.2	9.15

Meter Calibration1: 8.90

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

Barometric Pressure1: 760 mmHg

Winkler titrated BOD fluid DO reading1: 9.04

After Incubation

Meter Calibration2: 9.25

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

Barometric Pressure2: 765 mmHg

Winkler titrated BOD fluid DO reading2: 8.75



QC BATCH ID: LB118644

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 15:30

TIME OUT: 11:00

DATE IN: 02/11/2022

DATE OUT: 02/16/2022

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
LB118644BL	1	No	6.0	N/A	21.20	300	9.03	8.72	0.31	0.31	0.31	
POLYSEED	1					10	9.00	5.17	3.83	0.77	0.72	
POLYSEED	2					15	8.98	3.32	5.66	0.75		
POLYSEED	3					20	8.97	2.43	6.54	0.65		
GGA	1					6	9.02	3.87	5.15	221.5	218	
GGA	2					6	9.00	4.43	4.57	192.5		
GGA	3					6	8.98	3.46	5.52	240		
N1520-01	1	No	7.76	N/A	20.30	0.5	9.03	7.10	-	0	433.4	
N1520-01	2					1	9.02	6.70	2.32	480		
N1520-01	3					2	9.00	5.20	3.8	462		
N1520-01	4					5	8.96	2.27	6.69	358.2		
N1520-01	5					10	8.87	0.19	-	0		
N1520-01DUP	1	No	7.76	N/A	20.30	0.5	9.01	7.12	-	0	424.2	
N1520-01DUP	2					1	9.00	6.73	2.27	465		
N1520-01DUP	3					2	8.98	5.22	3.76	456		
N1520-01DUP	4					5	8.88	2.30	6.58	351.6		
N1520-01DUP	5					10	8.86	0.20	-	0		
N1520-05	1	No	5.62	7.20	21.20	0.01	9.03	7.56	-	0	6124	pH Adjusted
N1520-05	2					0.05	9.00	6.96	2.04	7920		
N1520-05	3					0.1	8.98	6.22	2.76	6120		
N1520-05	4					0.5	8.96	1.02	7.94	4332		
N1520-05	5					1	8.95	0.50	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod21122 WorkList ID : 156768 Department : Wet-Chemistry Date : 02-11-2022 14:37:14

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
02/13/2022	Water	N1520-01	BOD5	Cool 4 deg C	HOLL01	N22	EFFLUENT	02/11/2022	SM5210 B
02/13/2022	Water	N1520-05	BOD5	Cool 4 deg C	HOLL01	N22	INFLUENT	02/11/2022	SM5210 B

Date/Time 02/11/22 14:45
Raw Sample Received by: PS(wc)
Raw Sample Relinquished by: 12/01

Date/Time 02/11/22 15:35
Raw Sample Received by: 12/01
Raw Sample Relinquished by: PS(wc)