

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 01/26/2022**QC BATCH ID:** LB118393**BOD Water:** WP94998**Starch:** W2703**Sulfuric acid, 1N:** WP88863**POLYSEED:** WP95000**GGA:** WP94999**Chlorine Strips:** W2543**pH Strips:** W2716**MANGANOUS SULFATE SOLUTION:** W2767**Alkaline Iodide Azide:** W2742**Sodium Thiosulfate, 0.025N:** W2843**NaOH, 1N:** WP94570**IncubatorID:** INCUBATOR #3**GuageID:** 0511064**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	8.8	8.8	8.9
WINKLER 2	WINKLER 2	2	300	8.8	17.8	9	8.9

Meter Calibration1: 9.08

Barometric Pressure1: 760 mmHg

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

Winkler titrated BOD fluid DO reading1: 9.00

After Incubation

Meter Calibration2: 9.02

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.99



QC BATCH ID: LB118393

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 17:45

TIME OUT: 11:30

DATE IN: 01/26/2022

DATE OUT: 01/31/2022

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
LB118393BL	1	No	6.0	N/A	20.60	300	8.99	8.97	0.02	0.02	0.02	
POLYSEED	1					10	8.98	5.48	3.5	0.7	0.69	
POLYSEED	2					15	8.95	4.19	4.76	0.63		
POLYSEED	3					20	8.93	1.42	7.51	0.75		
GGA	1					6	8.97	4.30	4.67	199	220.67	
GGA	2					6	8.96	3.50	5.46	238.5		
GGA	3					6	8.98	3.80	5.18	224.5		
N1271-02	1	No	6.0	N/A	20.60	0.5	8.98	7.02	-	0	561.83	
N1271-02	2					1	8.97	6.33	2.64	585		
N1271-02	3					2	8.95	4.57	4.38	553.5		
N1271-02	4					3	8.93	2.77	6.16	547		
N1283-01	1	No	6.80	N/A	20.20	5	8.92	7.71	-	0		
N1283-01	2					20	8.97	7.67	-	0		
N1283-01	3					50	8.95	7.65	-	0		
N1283-01	4					150	8.94	7.17	-	0		
N1283-01DUP	1	No	6.80	N/A	20.20	5	8.92	7.70	-	0		
N1283-01DUP	2					20	8.90	7.65	-	0		
N1283-01DUP	3					50	8.88	7.63	-	0		
N1283-01DUP	4					150	8.87	7.20	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB118393

WorkList Name : bod12622 WorkList ID : 156324 Department : Wet-Chemistry Date : 01-26-2022 17:25:10

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
01/28/2022	Water	N1271-02	BOD5	Cool 4 deg C	ARAM01	H11	COMP	01/26/2022	SM5210 B
01/21/2022	Water	N1283-01	BOD5	Cool 4 deg C	INFR01	D11	WEEKLY-OUTFALL-002	01/19/2022	SM5210 B

Date/Time 01/26/22 17:30
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)

Date/Time 01/26/22 17:50
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)