

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 01/27/2022**QC BATCH ID:** LB118408**BOD Water:** WP95022**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2703**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** WP88863**Sodium Thiosulfate, 0.025N:** W2843**POLYSEED:** WP95024**NaOH, 1N:** WP94570**GGA:** WP95023**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	8.8	8.8	8.9
WINKLER 2	WINKLER 2	2	300	8.8	17.8	9	8.9

Meter Calibration1: 9.21

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

Barometric Pressure1: 776 mmHg

Winkler titrated BOD fluid DO reading1: 8.84

After Incubation

Meter Calibration2: 8.90

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

Barometric Pressure2: 765 mmHg

Winkler titrated BOD fluid DO reading2: 8.89



QC BATCH ID: LB118408

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 14:45

TIME OUT: 12:05

DATE IN: 01/27/2022

DATE OUT: 02/01/2022

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
LB118408BL	1	No	6.0	N/A	21.20	300	9.05	8.80	0.25	0.25	0.25	
POLYSEED	1					10	9.02	5.78	3.24	0.65	0.65	
POLYSEED	2					15	9.00	4.69	4.31	0.57		
POLYSEED	3					20	8.98	1.67	7.31	0.73		
GGA	1					6	8.89	4.78	4.11	173	184.5	
GGA	2					6	8.92	4.64	4.28	181.5		
GGA	3					6	8.90	4.27	4.63	199		
N1202-04	1	No	7.59	N/A	20.30	1	8.97	7.17	-	0	137.4	
N1202-04	2					5	8.92	5.98	2.94	137.4		
N1202-04	3					20	8.90	0.24	-	0		
N1202-04	4					50	8.88	0.20	-	0		
N1202-04DUP	1	No	7.59	N/A	20.30	1	8.91	7.20	-	0	133.8	
N1202-04DUP	2					5	8.90	6.02	2.88	133.8		
N1202-04DUP	3					20	8.88	0.25	-	0		
N1202-04DUP	4					50	8.87	0.22	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 118408

WorkList Name : bod12722 WorkList ID : 156362 Department : Wet-Chemistry Date : 01-27-2022 12:21:40

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
01/28/2022	Water	N1202-04	ABOD5	Cool 4 deg C	SPEC01	J11	MANHOLE-24-HRS-COMP	01/26/2022	SM5210 B

Date/Time 01/27/22 12:30
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)

Date/Time 01/27/22 14:50
 Raw Sample Received by: R (WC)
 Raw Sample Relinquished by: KS (WC)