

**BOD5 LOG****ANALYST:** JIGNESH**SUPERVISOR:** apatel**Analysis Date:** 04/07/2022**QC BATCH ID:** LB119589**BOD Water:** WP96230**Starch:** W2766**Sulfuric acid, 1N:** WP94324**POLYSEED:** WP96231**GGA:** WP96232**Chlorine Strips:** W2011**pH Strips:** W2716**MANGANOUS SULFATE SOLUTION:** W2767**Alkaline Iodide Azide:** W2742**Sodium Thiosulfate, 0.025N:** W2843**NaOH, 1N:** WP95405**IncubatorID:** INCUBATOR #3**GuageID:** 0511064**Zero DO:** WP96043

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	8.95
WINKLER 2	WINKLER 2	2	300	8.9	17.9	9	8.95

Meter Calibration1: 9.00

Barometric Pressure1: 750 mmHg

Zero DO Reading1: 0.06 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 9.05

After Incubation

Meter Calibration2: 9.09

Barometric Pressure2: 755 mmHg

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

Winkler titrated BOD fluid DO reading2: 9.15

QC BATCH ID: LB119589

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 18:00

TIME OUT: 13:10

DATE IN: 04/07/2022

DATE OUT: 04/12/2022

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
LB119589BL	1	No	6.05	N/A	20.80	300	9.10	9.09	0.01	0.01	0.01	
POLYSEED	1					10	9.14	4.86	4.28	0.86	0.77	
POLYSEED	2					15	9.11	3.69	5.42	0.72		
POLYSEED	3					20	9.11	1.86	7.25	0.73		
GGA	1					6	9.03	4.16	4.87	205	214	
GGA	2					6	9.08	3.97	5.11	217		
GGA	3					6	9.06	3.89	5.17	220		
N2315-01	1	No	11.65	7.15	17.50	0.5	8.98	7.12	-	0	462.3	pH Adjusted
N2315-01	2					1.0	9.04	6.01	3.03	678		
N2315-01	3					5	9.03	4.15	4.88	246.6		
N2315-01	4					20	9.11	0.18	-	0		
N2323-01	1	No	7.10	N/A	17.60	0.5	9.01	5.48	3.53	1656	1359	
N2323-01	2					1	9.01	4.70	4.31	1062		
N2323-01	3					5	9.02	0.17	-	0		
N2323-01	4					20	8.94	0.13	-	0		
N2325-01	1	No	7.16	N/A	20.30	5	9.04	7.69	-	0	12.84	
N2325-01	2					20	9.13	7.23	-	0		
N2325-01	3					50	9.17	6.11	3.06	13.74		
N2325-01	4					150	9.28	2.54	6.74	11.94		
N2325-03	1	No	7.13	N/A	20.50	5	9.13	7.65	-	0	6.1	
N2325-03	2					20	9.16	7.84	-	0		
N2325-03	3					50	9.26	7.20	2.06	7.74		
N2325-03	4					150	9.36	6.36	3	4.46		
N2325-05	1	No	7.00	N/A	20.40	5	9.07	7.95	-	0	4.98	
N2325-05	2					20	9.12	7.91	-	0		
N2325-05	3					50	9.21	7.30	-	0		
N2325-05	4					150	9.35	6.09	3.26	4.98		
N2326-01	1	No	5.55	7.12	20.40	0.1	9.07	5.79	3.28	7530	7770	pH Adjusted
N2326-01	2					0.2	9.03	2.92	6.11	8010		
N2326-01	3					0.5	9.02	0.15	-	0		
N2326-01	4					1.0	8.98	0.14	-	0		
N2326-01DUP	1	No	5.55	7.12	20.40	0.1	9.05	5.80	3.25	7440	7747.5	pH Adjusted
N2326-01DUP	2					0.2	9.04	2.90	6.14	8055		
N2326-01DUP	3					0.5	9.01	0.16	-	0		
N2326-01DUP	4					1.0	9.00	0.11	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD-0407-2

WorkList ID : 158515

Department : Wet-Chemistry

Date : 04-07-2022 16:42:56

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/09/2022	Water	N2315-01	BOD5	Cool 4 deg C	PHAR02	N21	15220012-7	04/07/2022	SM5210 B
04/08/2022	Water	N2323-01	BOD5	Cool 4 deg C	PHAR02	N22	32220008-3	04/06/2022	SM5210 B
04/09/2022	Water	N2325-01	BOD5	Cool 4 deg C	PSEG04	O11	DSN002	04/07/2022	SM5210 B
04/09/2022	Water	N2325-03	BOD5	Cool 4 deg C	PSEG04	O11	DSN001	04/07/2022	SM5210 B
04/09/2022	Water	N2325-05	BOD5	Cool 4 deg C	PSEG04	O11	RWS003	04/07/2022	SM5210 B
04/09/2022	Water	N2326-01	BOD5	Cool 4 deg C	MAJO01	O11	DRAIN-WATER-TANK-1	04/07/2022	SM5210 B

Date/Time 4/2/22 12:25
 Raw Sample Received by: AB(woc)
 Raw Sample Relinquished by: JD(CSM)

Date/Time 4/2/22 18:05
 Raw Sample Received by: JD(CSM)
 Raw Sample Relinquished by: AB(woc)