

**BOD5 LOG****ANALYST:** Jignesh**SUPERVISOR:** Iwona**Analysis Date:** 09/15/2022**QC BATCH ID:** LB122010**BOD Water:** WP98937**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2766**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** WP88863**Sodium Thiosulfate, 0.025N:** W2843**POLYSEED:** WP98939**NaOH, 1N:** WP97250**GGA:** WP98938**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2011**GuageID:** 0511064**pH Strips:** W2716**Zero DO:** WP98094

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.7	8.7	8.8
WINKLER 2	WINKLER 2	2	300	8.7	17.6	8.9	8.8

Meter Calibration1: 8.61Zero DO Reading1: 0.04 mg/L (<=0.2 Criteria)Barometric Pressure1: 755 mmHgWinkler titrated BOD fluid DO reading1: 8.62**After Incubation**Meter Calibration2: 8.50Zero DO Reading2: 0.06 mg/L (<=0.2 Criteria)Barometric Pressure2: 750 mmHgWinkler titrated BOD fluid DO reading2: 8.47



QC BATCH ID: LB122010

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 10:40

TIME OUT: 12:00

DATE IN: 09/15/2022

DATE OUT: 09/20/2022

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
LB122010BL	1	No	6.8	N/A	21.20	300	8.59	8.46	0.13	0.13	0.13	
POLYSEED	1					10	8.48	4.25	4.23	0.85	0.73	
POLYSEED	2					15	8.45	3.23	5.22	0.7		
POLYSEED	3					20	8.44	2.15	6.29	0.63		
GGA	1					6	8.52	3.93	4.59	193	196.33	
GGA	2					6	8.50	3.55	4.95	211		
GGA	3					6	8.48	4.05	4.43	185		
N4628-02	1	No	6.74	N/A	23.10	5	8.54	7.16	-	0	9.33	
N4628-02	2					20	8.53	6.80	-	0		
N4628-02	3					50	8.52	5.77	2.75	12.12		
N4628-02	4					150	8.44	4.44	4	6.54		
N4628-02DUP	1	No	6.74	N/A	23.10	5	8.52	7.14	-	0	9.71	
N4628-02DUP	2					20	8.50	6.78	-	0		
N4628-02DUP	3					50	8.49	5.70	2.79	12.36		
N4628-02DUP	4					150	8.46	4.20	4.26	7.06		
N4628-04	1	No	7.00	N/A	23.00	5	8.56	7.41	-	0	2.9	
N4628-04	2					20	8.49	6.98	-	0		
N4628-04	3					50	8.37	6.85	-	0		
N4628-04	4					150	8.02	5.84	2.18	2.9		
N4628-06	1	No	7.30	N/A	22.40	5	8.54	7.49	-	0	5.17	
N4628-06	2					20	8.53	6.90	-	0		
N4628-06	3					50	8.52	6.51	2.01	7.68		
N4628-06	4					150	8.50	6.44	2.06	2.66		
N4632-01	1	No	8.47	7.20	23.50	5	8.55	7.42	-	0	5.8	pH Adjusted
N4632-01	2					20	8.47	7.23	-	0		
N4632-01	3					50	8.32	6.50	-	0		
N4632-01	4					150	7.83	4.20	3.63	5.8		
N4643-02	1	No	6.56	N/A	23.20	0.5	8.56	6.37	2.19	876	861.5	
N4643-02	2					1	8.54	4.96	3.58	855		
N4643-02	3					2	8.49	2.07	6.42	853.5		
N4643-02	4					3	8.45	0.20	-	0		

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

LB122010

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-09152022

WorkList ID : 163196

Department : Wet-Chemistry

Date : 09-15-2022 09:17:41

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/15/2022	Water	N4628-02	BOD5	Cool 4 deg C	DVIR01	N11	HW-54	09/13/2022	SM5210 B
09/15/2022	Water	N4628-04	BOD5	Cool 4 deg C	DVIR01	N11	MW-7	09/13/2022	SM5210 B
09/15/2022	Water	N4628-06	BOD5	Cool 4 deg C	DVIR01	N11	HW-8	09/13/2022	SM5210 B
09/16/2022	Water	N4632-01	BOD5	Cool 4 deg C	INFR01	N11	WEEKLY-OUTFALL-002	09/14/2022	SM5210 B
09/16/2022	Water	N4643-02	BOD5	Cool 4 deg C	ARAM01	N11	COMP	09/14/2022	SM5210 B

Date/Time

9/15/2022 9:20

Raw Sample Received by:

SI (WC)

Raw Sample Relinquished by:

CP (SM)

Date/Time

9/15/2022 12:00

Raw Sample Received by:

CP (SM)

Raw Sample Relinquished by:

SI (WC)