

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 04/29/2022**QC BATCH ID:** LB119912**BOD Water:** WP96498**Starch:** W2766**Sulfuric acid, 1N:** M5038**POLYSEED:** WP96500**GGA:** WP96499**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:** WP96459

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: 8.87

Barometric Pressure1: 765 mmHg

Zero DO Reading1: 0.09 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.90

After Incubation

Meter Calibration2: 9.03

Barometric Pressure2: 760 mmHg

Zero DO Reading2: 0.09 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.17



QC BATCH ID: LB119912

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 16:30

TIME OUT: 11:30

DATE IN: 04/29/2022

DATE OUT: 05/04/2022

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
LB119912BL	1	No	6.0	N/A	21.20	300	8.92	8.24	0.68	0.68	0.68	
POLYSEED	1					10	8.90	3.82	5.08	1.02	0.83	
POLYSEED	2					15	8.88	2.85	6.03	0.8		
POLYSEED	3					20	8.86	2.23	6.63	0.66		
GGA	1					6	8.89	3.31	5.58	237.5	226.33	
GGA	2					6	8.88	3.61	5.27	222		
GGA	3					6	8.86	3.64	5.22	219.5		
N2624-01	1	No	7.34	N/A	20.10	5	8.86	6.96	-	0	32.91	
N2624-01	2					20	8.84	5.69	3.15	34.8		
N2624-01	3					50	8.83	2.83	6	31.02		
N2624-01	4					150	8.81	0.25	-	0		
N2624-01DUP	1	No	7.34	N/A	20.10	5	8.88	6.98	-	0	32.98	
N2624-01DUP	2					20	8.86	5.70	3.16	34.95		
N2624-01DUP	3					50	8.85	2.85	6	31.02		
N2624-01DUP	4					150	8.83	0.28	-	0		
N2636-01	1	No	5.92	7.20	20.10	0.5	8.82	6.83	-	0	520.8	pH Adjusted
N2636-01	2					1	8.81	5.46	3.35	756		
N2636-01	3					2	8.80	5.07	3.73	435		
N2636-01	4					5	8.78	1.76	7.02	371.4		
N2636-01	5					10	8.76	0.69	-	0		
N2636-05	1	No	4.39	7.20	20.20	0.01	8.83	6.84	-	0	14760	pH Adjusted
N2636-05	2					0.05	8.81	5.34	3.47	15840		
N2636-05	3					0.1	8.79	3.40	5.39	13680		
N2636-05	4					0.5	8.77	0.22	-	0		
N2636-05	5					1	8.76	0.19	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 119912

WorkList Name : BOD42922 WorkList ID : 159152 Department : Wet-Chemistry Date : 04-29-2022 14:13:14

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
05/01/2022	Water	N2624-01	BOD5	Cool 4 deg C	PSEG03	N47992		04/29/2022	SM5210 B
05/01/2022	Water	N2636-01	BOD5	Cool 4 deg C	HOLL01	L11	EFFLUENT	04/29/2022	SM5210 B
05/01/2022	Water	N2636-05	BOD5	Cool 4 deg C	HOLL01	L11	INFLUENT	04/29/2022	SM5210 B

Date/Time 04/29/22 14:45
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)

Date/Time 04/29/22 16:35
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)