

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** Iwona**Analysis Date:** 06/22/2022**QC BATCH ID:** LB120854**BOD Water:** WP97529**Starch:** W2766**Sulfuric acid, 1N:** WP94324**POLYSEED:** WP97531**GGA:** WP97530**Chlorine Strips:** W2011**pH Strips:** W2716**MANGANOUS SULFATE SOLUTION:** W2767**Alkaline Iodide Azide:** W2742**Sodium Thiosulfate, 0.025N:** W2843**NaOH, 1N:** WP97250**IncubatorID:** INCUBATOR #3**GuageID:** 0511064**Zero DO:** WP97024

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: 8.84

Barometric Pressure1: 765 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.90

After Incubation

Meter Calibration2: 8.40

Barometric Pressure2: 760 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.40



QC BATCH ID: LB120854

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 16:00

TIME OUT: 14:30

DATE IN: 06/22/2022

DATE OUT: 06/27/2022

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
LB120854BL	1	No	6.0	N/A	21.20	300	8.92	8.60	0.32	0.32	0.32	
POLYSEED	1					10	8.66	4.55	4.11	0.82	0.8	
POLYSEED	2					15	8.65	2.30	6.35	0.85		
POLYSEED	3					20	8.62	1.35	7.27	0.73		
GGA	1					6	8.63	3.80	4.83	201.5	192	
GGA	2					6	8.65	3.95	4.7	195		
GGA	3					6	8.64	4.25	4.39	179.5		
N3438-01	1	No	7.33	N/A	20.40	5	8.75	8.39	-	0	5.06	
N3438-01	2					20	8.72	7.84	-	0		
N3438-01	3					50	8.68	7.27	-	0		
N3438-01	4					150	8.48	5.15	3.33	5.06		
N3438-01DUP	1	No	7.33	N/A	20.40	5	8.74	8.40	-	0	5.04	
N3438-01DUP	2					20	8.70	7.85	-	0		
N3438-01DUP	3					50	8.65	7.30	-	0		
N3438-01DUP	4					150	8.50	5.18	3.32	5.04		

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

WORKLIST(Hardcopy Internal Chain)

LB 120854

WorkList Name : bod62422 WorkList ID : 160857 Department : Wet-Chemistry Date : 06-22-2022 13:54:46

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
06/24/2022	Water	N3438-01	BOD5	Cool 4 deg C	PSEG03	D11	FRAC-TANK-N47935	06/22/2022	SM5210 B

Date/Time 06/22/22 14:00
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: iR (WC)

Date/Time 06/22/22 16:10
 Raw Sample Received by: iR (WC)
 Raw Sample Relinquished by: KS (VC)