

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 01/12/2022**QC BATCH ID:** LB118200**BOD Water:** WP94783**Starch:** W2703**Sulfuric acid, 1N:** WP88863**POLYSEED:** WP94785**GGA:** WP94784**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:** 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	9.0	9	9.1
WINKLER 2	WINKLER 2	2	300	9.0	18.2	9.2	9.1

Meter Calibration1: 8.95

Barometric Pressure1: 765 mmHg

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

Winkler titrated BOD fluid DO reading1: 9.11

After Incubation

Meter Calibration2: 8.76

Barometric Pressure2: 734 mmHg

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

Winkler titrated BOD fluid DO reading2: 9.10

QC BATCH ID: LB118200

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 17:35

TIME OUT: 13:30

DATE IN: 01/12/2022

DATE OUT: 01/17/2022

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
LB118200BL	1	No	6.4	N/A	21.20	300	9.12	9.10	0.02	0.02	0.02	
POLYSEED	1					10	9.10	5.99	3.11	0.62	0.6	
POLYSEED	2					15	9.08	5.20	3.88	0.52		
POLYSEED	3					20	9.06	2.58	6.48	0.65		
GGA	1					6	9.10	3.58	5.52	246	206.83	
GGA	2					6	9.08	3.98	5.1	225		
GGA	3					6	9.10	5.51	3.59	149.5		
N1098-03	1	No	7.43	N/A	20.10	5	9.11	8.00	-	0	2.82	
N1098-03	2					20	9.10	7.68	-	0		
N1098-03	3					50	9.08	7.09	-	0		
N1098-03	4					150	9.05	7.04	2.01	2.82		
N1098-03DUP	1	No	7.43	N/A	20.10	5	9.10	8.02	-	0	2.82	
N1098-03DUP	2					20	9.08	7.70	-	0		
N1098-03DUP	3					50	9.05	7.06	-	0		
N1098-03DUP	4					150	9.04	7.03	2.01	2.82		
N1104-01	1	No	7.98	N/A	19.30	2	9.07	8.43	-	0	34.23	
N1104-01	2					10	9.06	7.33	-	0		
N1104-01	3					20	9.05	6.27	2.78	32.7		
N1104-01	4					50	9.03	2.47	6.56	35.76		
N1116-01	1	No	8.44	7.20	20.10	5	9.08	8.12	-	0		pH Adjusted
N1116-01	2					20	9.06	8.10	-	0		
N1116-01	3					50	9.05	7.80	-	0		
N1116-01	4					150	9.03	7.40	-	0		
N1117-01	1	No	6.16	N/A	19.90	0.5	9.10	7.28	-	0	495.17	
N1117-01	2					1	9.08	5.99	3.09	747		
N1117-01	3					2	9.06	5.73	3.33	409.5		
N1117-01	4					3	9.05	5.16	3.89	329		

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

WORKLIST(Hardcopy Internal Chain)

LB118200

WorkList Name : bod11222

WorkList ID : 155949

Department : Wet-Chemistry

Date : 01-12-2022 10:26:07

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
01/13/2022	Water	N1098-03	BOD5	Cool 4 deg C	PSEG03	I11	14-G-WATER	01/11/2022	SM5210 B
01/13/2022	Water	N1104-01	BOD5	Cool 4 deg C	M&MM01	H11	1C	01/11/2022	SM5210 B
01/14/2022	Water	N1116-01	BOD5	Cool 4 deg C	INFR01	H11	WEEKLY-OUTFALL-002	01/12/2022	SM5210 B
01/14/2022	Water	N1117-01	BOD5	Cool 4 deg C	ARAM01	I11	COMP	01/12/2022	SM5210 B

Date/Time 01/12/22 16:30
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: SA(wc)

Date/Time 01/12/22 17:40
 Raw Sample Received by: SA(wc)
 Raw Sample Relinquished by: KS(wc)