

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** JIGNESH**Analysis Date:** 07/21/2022**QC BATCH ID:** LB121177**BOD Water:** WP98049**Starch:** W2766**Sulfuric acid, 1N:** WP94324**POLYSEED:** WP98051**GGA:** WP98050**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:** WP97672

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: 8.73

Barometric Pressure1: 765 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.88

After Incubation

Meter Calibration2: 8.79

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.70



QC BATCH ID: LB121177

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 13:55

TIME OUT: 11:00

DATE IN: 07/21/2022

DATE OUT: 07/26/2022

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
LB121177BL	1	No	6.0	N/A	21.20	300	8.90	8.80	0.1	0.1	0.1	
POLYSEED	1					10	8.81	4.95	3.86	0.77	0.85	
POLYSEED	2					15	8.78	1.84	6.94	0.93		
POLYSEED	3					20	8.76	0.18	-	0		
GGA	1					6	8.71	2.58	6.13	264	259.25	
GGA	2					6	8.66	2.72	5.94	254.5		
GGA	3					6	8.71	0.91	-	0		
N3791-02	1	No	6.49	N/A	20.30	0.5	8.71	6.65	2.06	726	762.5	
N3791-02	2					1	8.67	4.86	3.81	888		
N3791-02	3					2	8.65	3.31	5.34	673.5		
N3791-02	4					3	8.64	0.77	-	0		
N3800-01	1	No	8.43	7.20	21.20	5	8.78	7.86	-	0		pH Adjusted
N3800-01	2					20	8.75	7.64	-	0		
N3800-01	3					50	8.73	7.46	-	0		
N3800-01	4					150	8.72	6.85	-	0		
N3800-01DUP	1	No	8.43	7.20	21.20	5	8.79	7.88	-	0		pH Adjusted
N3800-01DUP	2					20	8.78	7.65	-	0		
N3800-01DUP	3					50	8.75	7.50	-	0		
N3800-01DUP	4					150	8.73	6.87	-	0		
N3806-02	1	No	7.09	N/A	21.60	5	8.59	7.55	-	0	29.28	
N3806-02	2					20	8.54	5.91	2.63	26.7		
N3806-02	3					50	8.29	2.13	6.16	31.86		
N3806-02	4					150	7.55	0.17	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 121177

WorkList Name : bod72122 WorkList ID : 161554 Department : Wet-Chemistry Date : 07-21-2022 12:48:18

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
07/22/2022	Water	N3791-02	A BOD5	Cool 4 deg C	ARAM01	N11	COMP	07/20/2022	SM5210 B
07/22/2022	Water	N3800-01	C BOD5	Cool 4 deg C	INFR01	N11	WEEKLY-OUTFALL-002	07/20/2022	SM5210 B
07/22/2022	Water	N3806-02	T BOD5	Cool 4 deg C	PSEG03		FRAC-TANK-N48964	07/20/2022	SM5210 B

Date/Time 07/21/22 12:55
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: KS(wc)

Date/Time 07/21/22 14:00
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: KS(wc)