

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 11/24/2021**QC BATCH ID:** LB117558**BOD Water:** WP94076**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2703**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** WP88863**Sodium Thiosulfate, 0.025N:** W2843**POLYSEED:** WP94078**NaOH, 1N:** WP91991**GGA:** WP94077**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2543**GuageID:** 0511064**pH Strips:** W2716**Zero DO:** WP93693

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.8	8.8	8.85
WINKLER 2	WINKLER 2	2	300	8.8	17.7	8.9	8.85

Meter Calibration1: 8.89

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

Barometric Pressure1: 760 mmHg

Winkler titrated BOD fluid DO reading1: 8.92

After Incubation

Meter Calibration2: 8.76

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

Barometric Pressure2: 765 mmHg

Winkler titrated BOD fluid DO reading2: 8.90



QC BATCH ID: LB117558

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 15:40

TIME OUT: 11:00

DATE IN: 11/24/2021

DATE OUT: 11/29/2021

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
LB117558BL	1	No	6.4	N/A	21.10	300	8.90	8.86	0.04	0.04	0.04	
POLYSEED	1					10	8.85	5.63	3.22	0.64	0.63	
POLYSEED	2					15	8.79	4.29	4.5	0.6		
POLYSEED	3					20	8.78	2.30	6.48	0.65		
GGA	1					6	8.87	3.85	5.02	219.5	222.67	
GGA	2					6	8.86	3.74	5.12	224.5		
GGA	3					6	8.82	3.71	5.11	224		
M4817-01	1	No	7.49	N/A	20.20	5	8.84	6.61	2.23	96	87.9	
M4817-01	2					20	8.66	2.71	5.95	79.8		
M4817-01	3					50	8.16	0.15	-	0		
M4817-01	4					150	5.79	0.12	-	0		
M4832-02	1	No	6.46	N/A	20.30	0.5	8.80	6.58	2.22	954	933	
M4832-02	2					1	8.78	5.13	3.65	906		
M4832-02	3					2	8.74	1.85	6.89	939		
M4832-02	4					3	8.72	0.15	-	0		
M4832-02DUP	1	No	6.46	N/A	20.30	0.5	8.83	6.59	2.24	966	936	
M4832-02DUP	2					1	8.79	5.15	3.64	903		
M4832-02DUP	3					2	8.76	1.87	6.89	939		
M4832-02DUP	4					3	8.75	0.16	-	0		
M4836-01	1	No	8.30	7.2	20.70	1	8.86	7.66	-	0	61.13	pH Adjusted
M4836-01	2					5	8.82	7.19	-	0		
M4836-01	3					10	8.78	5.67	3.11	74.4		
M4836-01	4					20	8.76	4.94	3.82	47.85		

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

WORKLIST(Hardcopy Internal Chain)

23117558

WorkList Name : bod112421 WorkList ID : 154660 Department : Wet-Chemistry Date : 11-24-2021 11:00:03

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
11/25/2021	Water	M4817-01	BOD5	Cool 4 deg C	PSEG03	F12	A6879	11/23/2021	SM5210 B
11/26/2021	Water	M4832-02	BOD5	Cool 4 deg C	ARAM01	D11	COMP	11/24/2021	SM5210 B
11/26/2021	Water	M4836-01	BOD5	Cool 4 deg C	INFR01	D11	WEEKLY-OUTFALL-002	11/24/2021	SM5210 B

Date/Time 11/24/21 15:15
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: RB (DZ)

Date/Time 11/24/21 17:00
 Raw Sample Received by: RB (DZ)
 Raw Sample Relinquished by: KS (WC)