

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 07/02/2021**QC BATCH ID:** LB115198**BOD Water:** WP91830**Starch:** W2703**Sulfuric acid, 1N:** WP88863**POLYSEED:** WP91832**GGA:** WP91831**Chlorine Strips:** W2543**pH Strips:** W2716**MANGANOUS SULFATE SOLUTION:** W2767**Alkaline Iodide Azide:** W2742**Sodium Thiosulfate, 0.025N:** WP90938**NaOH, 1N:** WP89214**IncubatorID:** BOD-Incubator#3**GuageID:** 0511064**Zero DO:** WP91586

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	8.8
WINKLER 2	WINKLER 2	2	300	8.9	17.6	8.7	8.8

Meter Calibration1: 8.67

Barometric Pressure1: 755 mmHg

Zero DO Reading1: 0.08 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.78

After Incubation

Meter Calibration2: 8.43

Barometric Pressure2: 760 mmHg

Zero DO Reading2: 0.08 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.89



QC BATCH ID: LB115198

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 10:30

TIME OUT: 11:10

DATE IN: 07/02/2021

DATE OUT: 07/07/2021

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
LB115198BL	1	No	6.12	N/A	21.20	300	8.79	8.77	0.02	0.02	0.02	
POLYSEED	1					10	8.08	2.68	5.4	1.08	0.98	
POLYSEED	2					15	8.12	1.61	6.51	0.87		
POLYSEED	3					20	8.06	0.09	-	0		
GGA	1					6	8.70	3.36	5.34	218	224	
GGA	2					6	8.76	3.48	5.28	215		
GGA	3					6	8.74	2.98	5.76	239		
M2906-02	1	No	6.82	N/A	18.20	0.5	8.74	6.76	-	0	309.83	
M2906-02	2					1	8.72	6.52	2.2	366		
M2906-02	3					2	8.70	6.05	2.65	250.5		
M2906-02	4					3	8.67	4.56	4.11	313		
M2906-02DUP	1	No	6.82	N/A	18.20	0.5	8.76	6.78	-	0	304.5	
M2906-02DUP	2					1	8.75	6.54	2.21	369		
M2906-02DUP	3					2	8.65	6.08	2.57	238.5		
M2906-02DUP	4					3	8.62	4.58	4.04	306		
M2920-01	1	No	6.75	N/A	22.00	5	9.03	8.22	-	0		
M2920-01	2					20	9.01	7.35	-	0		
M2920-01	3					50	8.91	7.25	-	0		
M2920-01	4					150	8.48	7.17	-	0		
M2920-03	1	No	6.76	N/A	22.10	5	9.05	8.16	-	0		
M2920-03	2					20	9.05	7.98	-	0		
M2920-03	3					50	8.94	7.95	-	0		
M2920-03	4					150	8.56	7.61	-	0		

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

WORKLIST(Hardcopy Internal Chain)

CB 115798

WorkList Name : BOD7121 WorkList ID : 150268 Department : Wet-Chemistry Date : 07-01-2021 11:11:46

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
07/02/2021	Water	M2906-02	BOD5	Cool 4 deg C	ARAM01	J41	COMP	06/30/2021	SM5210 B
07/02/2021	Water	M2920-01	BOD5	Cool 4 deg C	LOCK01	J51	MW-2	06/30/2021	SM5210 B
07/02/2021	Water	M2920-03	BOD5	Cool 4 deg C	LOCK01	J51	MW-4	06/30/2021	SM5210 B

Date/Time 07/02/21 9:30
 Raw Sample Received by: KS (Wetchem)
 Raw Sample Relinquished by: PB (DL)

Date/Time 07/02/21 10:45
 Raw Sample Received by: PB (DL)
 Raw Sample Relinquished by: KS (Wetchem)