

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 11/17/2021**QC BATCH ID:** LB117420**BOD Water:** WP93972**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2703**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** WP88863**Sodium Thiosulfate, 0.025N:** W2843**POLYSEED:** WP93974**NaOH, 1N:** WP91991**GGA:** WP93973**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: 8.90

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

Barometric Pressure1: 771 mmHg

Winkler titrated BOD fluid DO reading1: 8.80

After Incubation

Meter Calibration2: 8.90

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

Barometric Pressure2: 765 mmHg

Winkler titrated BOD fluid DO reading2: 8.76



QC BATCH ID: LB117420

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 15:50

TIME OUT: 11:30

DATE IN: 11/17/2021

DATE OUT: 11/22/2021

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
LB117420BL	1	No	6.4	N/A	21.20	300	8.78	8.75	0.03	0.03	0.03	
POLYSEED	1					10	8.78	6.18	2.6	0.52	0.59	
POLYSEED	2					15	8.75	3.93	4.82	0.64		
POLYSEED	3					20	8.73	2.64	6.09	0.61		
GGA	1					6	8.76	4.25	4.51	196	211.5	
GGA	2					6	8.74	3.96	4.78	209.5		
GGA	3					6	8.72	3.55	5.17	229		
M4727-02	1	No	6.44	N/A	20.90	0.5	8.75	6.62	2.13	924	869	
M4727-02	2					1	8.73	5.11	3.62	909		
M4727-02	3					2	8.70	2.95	5.75	774		
M4727-02	4					3	8.68	0.23	-	0		
M4727-02DUP	1	No	6.44	N/A	20.90	0.5	8.76	6.60	2.16	942	879	
M4727-02DUP	2					1	8.74	5.10	3.64	915		
M4727-02DUP	3					2	8.72	2.93	5.79	780		
M4727-02DUP	4					3	8.70	0.25	-	0		
M4734-01	1	No	8.37	7.20	20.30	1	8.76	8.36	-	0	24.45	pH Adjusted
M4734-01	2					5	8.75	8.22	-	0		
M4734-01	3					10	8.74	7.97	-	0		
M4734-01	4					20	8.72	6.50	2.22	24.45		

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

WORKLIST(Hardcopy Internal Chain)

LB117420

WorkList Name : bod111721 WorkList ID : 154444 Department : Wet-Chemistry Date : 11-17-2021 14:52:13

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
11/19/2021	Water	M4727-02	BOD5	Cool 4 deg C	ARAM01	D32	COMP	11/17/2021	SM5210 B
11/19/2021	Water	M4734-01	BOD5	Cool 4 deg C	INFR01	D32	WEEKLY-OUTFALL-002	11/17/2021	SM5210 B

Date/Time 11/17/21 14:55
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: PB-MC

Date/Time 11/17/21 16:00
 Raw Sample Received by: PB-MC
 Raw Sample Relinquished by: KS (WC)