

**BOD5 LOG****ANALYST:** ketankumar**SUPERVISOR:** apatel**Analysis Date:** 08/11/2021**QC BATCH ID:** LB115781**BOD Water:** WP92467**MANGANOUS SULFATE SOLUTION:** W2767**Starch:** W2703**Alkaline Iodide Azide:** W2742**Sulfuric acid, 1N:** WP88863**Sodium Thiosulfate, 0.025N:** W2843**POLYSEED:** WP92469**NaOH, 1N:** WP91991**GGA:** WP92468**IncubatorID:** INCUBATOR #3**Chlorine Strips:** W2543**GuageID:** 0511064**pH Strips:** W2716**Zero DO:** WP92454

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.5	8.5	8.6
WINKLER 2	WINKLER 2	2	300	8.5	17.2	8.7	8.6

Meter Calibration1: 8.39

Zero DO Reading1: 0.09 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg

Winkler titrated BOD fluid DO reading1: 8.55

After Incubation

Meter Calibration2: 8.51

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

Barometric Pressure2: 765 mmHg

Winkler titrated BOD fluid DO reading2: 8.40



QC BATCH ID: LB115781

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 10:15

TIME OUT: 11:10

DATE IN: 08/11/2021

DATE OUT: 08/16/2021

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
LB115781BL	1	No	6.4	N/A	21.20	300	8.49	8.35	0.14	0.14	0.14	
POLYSEED	1					10	7.94	4.57	3.37	0.67	0.78	
POLYSEED	2					15	7.86	1.20	6.66	0.89		
POLYSEED	3					20	7.74	0.15	-	0		
GGA	1					6	8.38	4.45	3.93	157.5	170	
GGA	2					6	8.30	3.15	5.15	218.5		
GGA	3					6	7.56	4.10	3.46	134		
M3351-01	1	No	6.47	N/A	22.20	5	7.49	6.66	-	0		
M3351-01	2					20	7.44	6.64	-	0		
M3351-01	3					50	7.37	6.63	-	0		
M3351-01	4					150	7.29	6.62	-	0		
M3351-01DUP	1	No	6.47	N/A	22.20	5	7.50	6.65	-	0		
M3351-01DUP	2					20	7.45	6.63	-	0		
M3351-01DUP	3					50	7.40	6.61	-	0		
M3351-01DUP	4					150	7.30	6.60	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB115781

WorkList Name : bod81121 WorkList ID : 151319 Department : Wet-Chemistry Date : 08-11-2021 09:39:53

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
08/11/2021	Water	M3351-01	BOD5		SCIE01	D11	SUPPORT-WASH-WASTI	08/09/2021	SM5210 B

Date/Time 08/11/21 09:40
 Raw Sample Received by: KS (we)
 Raw Sample Relinquished by: PB2 (DZ)

Date/Time 08/11/21 10:20
 Raw Sample Received by: PB2 (DZ)
 Raw Sample Relinquished by: KS (wc)