

**BOD5 LOG**ANALYST: jigneshSUPERVISOR: apatelAnalysis Date: 07/15/2021QC BATCH ID: LB115367BOD Water: WP92035MANGANOUS SULFATE SOLUTION: W2767Starch: W2703Alkaline Iodide Azide: W2742Sulfuric acid, 1N: WP88863Sodium Thiosulfate, 0.025N: WP90938POLYSEED: WP92037NaOH, 1N: WP89214GGA: WP92036IncubatorID: INCUBATOR #3Chlorine Strips: W2543GuageID: 0511064pH Strips: W2716Zero DO: WP91886

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

Meter Calibration1: 8.44Zero DO Reading1: 0.03 mg/L (<=0.2 Criteria)Barometric Pressure1: 760 mmHgWinkler titrated BOD fluid DO reading1: 8.51**After Incubation**Meter Calibration2: 8.66Zero DO Reading2: 0.03 mg/L (<=0.2 Criteria)Barometric Pressure2: 765 mmHgWinkler titrated BOD fluid DO reading2: 8.80



QC BATCH ID: LB115367

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 12:30

TIME OUT: 10:30

DATE IN: 07/15/2021

DATE OUT: 07/20/2021

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
LB115367BL	1	No	6.0	N/A	21.40	300	8.55	8.53	0.02	0.02	0.02	
POLYSEED	1					10	8.58	4.76	3.82	0.76	0.7	
POLYSEED	2					15	8.57	3.47	5.1	0.68		
POLYSEED	3					20	8.56	1.93	6.63	0.66		
GGA	1					6	8.51	3.12	5.39	234.5	224.33	
GGA	2					6	8.52	3.20	5.32	231		
GGA	3					6	8.52	3.67	4.85	207.5		
M3030-02	1	No	6.8	N/A	22.50	0.5	8.59	5.61	2.98	1368	1126.5	
M3030-02	2					1	8.59	4.94	3.65	885		
M3030-02	3					2	8.54	0.91	-	0		
M3030-02	4					3	8.52	0.16	-	0		
M3030-02DUP	1	No	6.8	N/A	22.60	0.5	8.57	5.63	2.94	1344	1110	
M3030-02DUP	2					1	8.58	4.96	3.62	876		
M3030-02DUP	3					2	8.56	0.93	-	0		
M3030-02DUP	4					3	8.51	0.19	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod m3030

Department : Wet-Chemistry

WorkList ID : 150585

Date : 07-15-2021 12:05:38

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
07/16/2021	Water	M3030-02	BOD5	Cool 4 deg C	ARAM01	L11	COMP	07/14/2021	SM5210 B

Date/Time 07-15-21 12:10
 Raw Sample Received by: JP (WC)
 Raw Sample Relinquished by: CP SM

Date/Time 07-15-21 13:30
 Raw Sample Received by: CP SM
 Raw Sample Relinquished by: JP (WC)