

**BOD5 LOG**

Analysis Date: 11/12/2020

QC BATCH ID: LB111947

ANALYST: jignesh

BOD Water: WP88147

SUPERVISOR: apatel

Starch: W2703

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2609

Alkaline Iodide Azide: W2742

POLYSEED: WP88148

Sodium Thiosulfate, 0.025N: WP87313

GGA: WP88149

NaOH, 0.25N: WP86593

Chlorine Strips: W2543

IncubatorID: INCUBATOR #3

pH Strips: W2716

Zero DO: WP87426

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	8.9
WINKLER 2	WINKLER 2	2	300	8.8	17.8	9	8.9

Meter Calibration1 : 8.90

Zero DO Reading1 : 0.03 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.90

Zero DO Reading2 : 0.02 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB111947

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 16:50

TIME OUT: 11:00

DATE IN: 11/12/2020

DATE OUT: 11/17/2020

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
LB111947BL	1	No	6.0	N/A	20.90	300	8.90	8.90	0	0	0	
POLYSEED	1					10	8.82	4.91	3.91	0.78	0.71	
POLYSEED	2					15	8.76	4.19	4.57	0.61		
POLYSEED	3					20	8.70	1.41	7.29	0.73		
GGA	1					6	8.86	3.73	5.13	221	221	
GGA	2					6	8.86	3.61	5.25	227	227	
GGA	3					6	8.86	3.88	4.98	213.5	213.5	
L4707-02	1	No	6.8	N/A	20.40	0.5	8.89	6.47	2.42	1026	776	
L4707-02	2					1	8.89	6.13	2.76	615		
L4707-02	3					2	8.88	3.59	5.29	687		
L4707-02	4					3	8.88	0.20	-	0		
L4707-02DUP	1	No	6.8	N/A	20.40	0.5	8.89	6.50	2.39	1008	767	
L4707-02DUP	2					1	8.88	6.14	2.74	609		
L4707-02DUP	3					2	8.88	3.61	5.27	684		
L4707-02DUP	4					3	8.87	0.21	-	0		
L4713-01	1	No	5.0	7.2	20.50	0.05	8.88	7.17	-	0	3516	pH Adjusted
L4713-01	2					0.1	8.88	7.06	-	0		
L4713-01	3					0.5	8.88	2.31	6.57	3516		
L4713-01	4					2	8.88	0.13	-	0		
L4713-01	5					10	8.82	0.11	-	0		
L4724-01	1	No	5.2	7.2	20.20	0.1	8.89	7.99	-	0	333.6	pH Adjusted
L4724-01	2					0.5	8.89	7.60	-	0		
L4724-01	3					1	8.89	7.08	-	0		
L4724-01	4					5	8.88	2.61	6.27	333.6		
L4724-01	5					20	8.85	0.15	-	0		
L4732-01	1	No	7.2	N/A	20.20	0.5	8.89	8.01	-	0	141.75	
L4732-01	2					1	8.89	6.84	2.05	402		
L4732-01	3					5	8.88	6.71	2.17	87.6		
L4732-01	4					20	8.86	5.29	3.57	42.9		
L4732-01	5					50	8.80	2.34	6.46	34.5		

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

LB111947

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-111220

WorkList ID : 144103

Department : Wet-Chemistry

Date : 11-12-2020 09:11:01

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
11/13/2020	Water	L4707-02 <u>B</u>	BOD5	Cool 4 deg C	ARAM01	F61	COMP	11/11/2020	SM5210 B
11/13/2020	Water	L4713-01	BOD5	Cool 4 deg C	MAJO01	F61	DRAIN-WATER-TANK-1	11/11/2020	SM5210 B
11/14/2020	Water	L4724-01 <u>B</u>	BOD5	Cool 4 deg C	PHAR02	F51	32220008-3	11/12/2020	SM5210 B
11/14/2020	Water	L4732-01 <u>B</u>	BOD5	Cool 4 deg C	PHAR02	F61	15220012-1	11/12/2020	SM5210 B

Date/Time 11/12/2020 16:10

Received by: AMCWet-Chem

Relinquished by: 1064444 Chem

Date/Time

Received by:

Relinquished by:

11/12/2020 16:55
11/12/2020 16:55
AMCWet-Chem