

**BOD5 LOG**

Analysis Date: 01/10/2020

QC BATCH ID: LB107110

ANALYST: AMANDEEP

BOD Water: WP81112

SUPERVISOR: apatel

Starch: W2379

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2609

Alkaline Iodide Azide: W2472

POLYSEED: WP81114

Sodium Thiosulfate, 0.025N: WP80247

GGA: WP81113

NaOH, 0.25N: WP80974

Chlorine Strips: W2430

IncubatorID: INCUBATOR-3

pH Strips: W2644

Zero DO: WP80479

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.00	8.50	8.5	8.7
WINKLER 2	WINKLER 2	2	300	8.50	17.4	8.9	8.7

Meter Calibration1 : 8.70

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

Meter Calibration2 : 8.70

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

QC BATCH ID: LB107110

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 16:30

TIME OUT: 11:00

DATE IN: 01/10/2020

DATE OUT: 01/15/2020

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
LB107110BL	1	No	6.0	N/A	21.00	300	8.70	8.70	0	0	0	
POLYSEED	1					10	8.69	4.73	3.96	0.79	0.74	
POLYSEED	2					15	8.61	3.52	5.09	0.68		
POLYSEED	3					20	8.59	1.08	7.51	0.75		
GGA	1					6	8.61	4.35	4.26	176	176	
GGA	2					6	8.63	4.50	4.13	169.5	169.5	
GGA	3					6	8.63	4.09	4.54	190	190	
L1075-01	1	No	6.2	N/A	21.70	0.5	8.66	5.93	2.73	1194	1081.5	
L1075-01	2					1	8.65	4.68	3.97	969		
L1075-01	3					5	8.60	0.09	-	0		
L1075-01	4					20	8.31	0.05	-	0		
L1075-01	5					50	7.39	0.04	-	0		
L1083-01	1	No	6.2	N/A	21.70	0.1	8.66	8.30	-	0	91.58	
L1083-01	2					0.5	8.66	8.14	-	0		
L1083-01	3					1	8.65	7.30	-	0		
L1083-01	4					5	8.62	6.14	2.48	104.4		
L1083-01	5					20	8.90	2.91	5.99	78.75		
L1083-01DUP	1	No	6.2	N/A	21.70	0.1	8.68	7.98	-	0	76.95	
L1083-01DUP	2					0.5	8.68	7.91	-	0		
L1083-01DUP	3					1	8.69	7.73	-	0		
L1083-01DUP	4					5	8.61	6.71	-	0		
L1083-01DUP	5					20	8.92	3.05	5.87	76.95		
L1102-02	1	No	6.4	N/A	17.00	0.5	8.69	6.05	2.64	1140	1264.5	
L1102-02	2					1	8.69	3.32	5.37	1389		
L1102-02	3					5	8.68	0.08	-	0		
L1102-02	4					20	8.60	0.07	-	0		

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

LB107110

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD1102020 WorkList ID : 134921 Department : Wet-Chemistry Date : 01-10-2020 08:43:45

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/11/2020	Water	L1075-01	BOD5	Cool 4 deg C	PHAR02	I12	15220032-1	01/09/2020	SM5210 B
01/10/2020	Water	L1083-01	BOD5	Cool 4 deg C	PHAR02	I12	32220008-3	01/09/2020	SM5210 B
01/12/2020	Water	L1102-02	BOD5	Cool 4 deg C	ARDM01	I13	EFF-VWV	01/10/2020	SM5210 B

Date/Time 01-10-2020 16:15
Received by: Se
Relinquished by: AM

Date/Time 01-10-2020 18:00
Received by: AM
Relinquished by: Se