

**BOD5 LOG**

Analysis Date: 05/07/2020

QC BATCH ID: LB109066

ANALYST: jignesh

BOD Water: WP84108

SUPERVISOR: apatel

Starch: W2379

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2609

Alkaline Iodide Azide: W2472

POLYSEED: WP84110

Sodium Thiosulfate, 0.025N: WP83473

GGA: WP84109

NaOH, 0.25N: WP80974

Chlorine Strips: W2543

IncubatorID: INCUBATOR #3

pH Strips: W2644

Zero DO: WP81261

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0	9.4	9.4	9.3
WINKLER 2	WINKLER 2	2	300	9.4	18.6	9.2	9.3

Meter Calibration1 : 9.30

Zero DO Reading1 : 0.06 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 9.30

Zero DO Reading2 : 0.03 mg/L (≤ 0.2 Criteria)

QC BATCH ID: LB109066

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 16:15

TIME OUT: 11:00

DATE IN: 05/07/2020

DATE OUT: 05/12/2020

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
LB109066BL	1	No	6.0	N/A	21.70	300	9.30	9.30	0	0	0	
POLYSEED	1					10	9.28	5.37	3.91	0.78	0.8	
POLYSEED	2					15	9.26	3.10	6.16	0.82		
POLYSEED	3					20	9.24	0.19	-	0		
GGA	1					6	9.22	4.64	4.58	189	189	
GGA	2					6	9.22	4.84	4.38	179	179	
GGA	3					6	9.22	4.78	4.44	182	182	
L2537-01	1	No	4.4	7.2	30.30	0.5	9.21	8.84	-	0	89.7	pH Adjusted
L2537-01	2					1	9.21	8.40	-	0		
L2537-01	3					5	9.21	7.19	2.02	73.2		
L2537-01	4					20	8.90	1.02	7.88	106.2		
L2537-01	5					50	8.23	0.13	-	0		
L2545-02	1	No	7.2	N/A	19.50	5	9.28	8.51	-	0	2.58	
L2545-02	2					20	9.28	7.55	-	0		
L2545-02	3					50	9.28	7.39	-	0		
L2545-02	4					150	9.28	7.19	2.09	2.58		
L2545-02DUP	1	No	7.2	N/A	19.50	5	9.29	8.53	-	0	2.52	
L2545-02DUP	2					20	9.29	7.57	-	0		
L2545-02DUP	3					50	9.28	7.40	-	0		
L2545-02DUP	4					150	9.28	7.22	2.06	2.52		
L2547-01	1	No	7.6	N/A	20.30	0.1	9.20	8.94	-	0	40.05	
L2547-01	2					0.5	9.20	8.68	-	0		
L2547-01	3					1	9.20	8.49	-	0		
L2547-01	4					5	9.20	7.74	-	0		
L2547-01	5					20	9.15	5.68	3.47	40.05		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-50720

WorkList ID : 138537

Department : Wet-Chemistry

Date : 05-07-2020 12:02:18

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
05/09/2020	Water	L2537-01	BOD5	Cool 4 deg C	PHAR02	L41	15220032-1	05/07/2020	SM5210 B
05/07/2020	Water	L2545-02	BOD5	Cool 4 deg C	SHAW22	L41	OUTFALL001-200505	05/05/2020	SM5210 B
05/09/2020	Water	L2547-01	BOD5	Cool 4 deg C	PHAR02	L51	32220008-3	05/07/2020	SM5210 B

Date/Time 5/07/2020 16:00

Received by: AM

Relinquished by: JP

Date/Time 5/07/2020 16:20

Received by: JP

Relinquished by: AM