Reviewed By:jignesh
On:6/17/2025 3:03:27 PM
Inst Id :DO METER
LB :LB136135

BOD5 LOG

ANALYST: Iwona
SUPERVISOR: jignesh

QC BATCH ID: LB136135
Analysis Date: 06/12/2025
BOD Water: WP113509
MANGANOUS SULFATE SOLUTION: W3103
Starch: W3149
Alkaline Iodide Azide: W3109
Sulfuric acid, 1N: WP112832
Sodium Thiosulfate, 0.025N: W3105
POLYSEED: WP113511
NaOH, 1N: WP111323
GGA: WP113510
IncubatorID: INCUBATOR #3
Chlorine Strips: W3155
GuageID: 0511064
pH Strips: W3215
Zero DO: WP113147

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading(ML)	Final Reading(ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.8	9.8	9.8
WINKLER 2	WINKLER 2	2	300	9.9	19.7	9.8	9.8

Meter Calibration1: 9.76 Zero DO Reading1: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg DO Meter BOD fluid reading for winkler comparison: 9.96

After Incubation

Meter Calibration2: 9.64 Zero DO Reading2: 0.17 mg/L (<=0.2 Criteria)

Barometric Pressure2: 761 mmHg

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Alliance TECHNICAL GROUP

QC BATCH ID: LB136135

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 19.7

TIME IN: 16:30

TIME OUT: 14:00

DATE IN: 06/12/2025

DATE OUT: 06/17/2025

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
LB136135BL	1	No	6.57	N/A	20.90	300	9.98	9.94	0.04	0.04	0.04	
POLYSEED	1					10	9.85	5.75	4.1	0.82	0.78	
POLYSEED	2					15	9.81	3.45	6.36	0.85		
POLYSEED	3					20	9.79	3.03	6.76	0.68		
GGA	1					6	9.91	4.72	5.19	220.5	212.67	
GGA	2					6	9.91	4.92	4.99	210.5		
GGA	3					6	9.90	4.98	4.92	207		
Q2300-02	1	No	6.18	6.99	20.00	5	9.91	5.42	4.49	2226	1942.5	pH Adjuste
Q2300-02	2					10	9.83	3.52	6.31	1659		
Q2300-02	3					20	9.81	0.09	-	0		
Q2300-02	4					30	9.76	0.05	-	0		
Q2300-02DUP	1	No	6.18	6.99	20.00	5	9.92	5.68	4.24	2076	1837.5	pH Adjuste
Q2300-02DUP	2					10	9.85	3.74	6.11	1599		
Q2300-02DUP	3					20	9.80	0.09	-	0		
Q2300-02DUP	4					30	9.74	0.05	-	0		
Q2309-01	1	No	7.99	7.31	20.10	1	9.91	8.63	-	0	4587	pH Adjuste
Q2309-01	2					5	9.83	7.93	-	0		
Q2309-01	3					10	9.80	7.40	2.4	4860		
Q2309-01	4					50	9.78	1.81	7.97	4314		
Q2309-01	5					100	9.67	0.1	-	0		
Q2309-05	1	No	4.88	7.18	20.20	1	9.89	8.34	-	0	14790	pH Adjuste
Q2309-05	2					5	9.87	6.67	3.2	14520		
Q2309-05	3					10	9.81	4.01	5.8	15060		
Q2309-05	4					50	9.72	0.09	-	0		
Q2309-05	5					100	9.52	0.08	-	0		

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

NOTE (For, CBOD5): 0.16 g Nitrification Inhibitor added to GGA and all the Samples, but not in Blank.

WORKLIST(Hardcopy Internal Chain)

(b136135

WorkList Name : BOD5-6-12 **WorkList ID :** 190164 **Department :** Wet-Chemistry **Date :** 06-12-2025 13:15:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2300-02	COMP	Water	BOD5	Cool 4 deg C	ARAM01	D41	06/11/2025	SM5210 B
Q2309-01	EFFLUENT	Water	BOD5	Cool 4 deg C	HOLL01	D51	06/12/2025	SM5210 B
Q2309-05	INFLUENT	Water	BOD5	Cool 4 deg C	HOLL01	D51	06/12/2025	SM5210 B

Date/Time 06/12/2025 13.40
Raw Sample Received by: RM (WC)
Raw Sample Relinquished by: JPC(DX)

Date/Time 06/12/2025 16:00
Raw Sample Received by: JPC(DX)
Raw Sample Relinquished by: RM (WC)

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