

BOD5 LOG

ANALYST: rubin

SUPERVISOR: jignesh

Analysis Date: 08/22/2025

MANGANOUS SULFATE SOLUTION: W3103

Alkaline Iodide Azide: W3109

Sodium Thiosulfate, 0.025N: W3105

NaOH, 1N: WP113878

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP114055

QC BATCH ID: LB136925

BOD Water: WP114391

Starch: W3149

Sulfuric acid, 1N: WP112832

POLYSEED: WP114393

GGA: WP114392

Chlorine Strips: W3155

pH Strips: W3215

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	10.0	10	10
WINKLER 2	WINKLER 2	2	300	10.2	20.2	10	10

Meter Calibration1: 8.92 Zero DO Reading1: 0.14 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg DO Meter BOD fluid reading for winkler comparison: 10.18

After Incubation

Meter Calibration2: 8.15 Zero DO Reading2: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure2: 760 mmHg

QC BATCH ID: LB136925

INCUBATOR TEMP IN(C): 19.9

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 10:30

TIME OUT: 11:00

DATE IN: 08/22/2025

DATE OUT: 08/27/2025

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
LB136925BL	1	No	6.74	N/A	20.80	300	10.17	10.15	0.02	0.02	0.02	
POLYSEED	1					10	10.07	6.54	3.53	0.71	0.71	
POLYSEED	2					15	10.04	4.51	5.53	0.74		
POLYSEED	3					20	10.01	3.11	6.9	0.69		
GGA	1					6	10.09	5.34	4.75	202	205.33	
GGA	2					6	10.07	5.24	4.83	206		
GGA	3					6	10.07	5.20	4.87	208		
Q2910-02	1	No	6.14	6.98	20.20	5	10.14	8.48	-	0	374	pH Adjusted
Q2910-02	2					10	10.10	8.02	2.08	411		
Q2910-02	3					20	10.04	7.31	2.73	303		
Q2910-02	4					30	10.00	5.21	4.79	408		
Q2910-02DUP	1	No	6.14	6.98	20.20	5	10.15	8.59	-	0	361.67	pH Adjusted
Q2910-02DUP	2					10	10.11	8.09	2.02	393		
Q2910-02DUP	3					20	10.03	7.34	2.69	297		
Q2910-02DUP	4					30	10.00	5.34	4.66	395		
Q2935-01	1	No	8.32	7.22	20.30	1	10.17	8.66	-	0	5566	pH Adjusted
Q2935-01	2					5	10.13	8.04	2.09	8280		
Q2935-01	3					10	10.10	7.83	2.27	4680		
Q2935-01	4					50	10.05	3.11	6.94	3738		
Q2935-01	5					100	9.68	0.53	-	0		
Q2935-05	1	No	4.67	6.84	20.40	1	10.15	8.68	-	0	23175	pH Adjusted
Q2935-05	2					5	10.12	5.08	5.04	25980		
Q2935-05	3					10	10.08	2.58	7.5	20370		
Q2935-05	4					50	10.00	0.98	-	0		
Q2935-05	5					100	9.65	0.46	-	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)

6136925

WorkList Name : BOD-082225 WorkList ID : 191426 Department : Wet-Chemistry Date : 08-22-2025 08:10:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2910-02	Comp	Water	BOD5	Cool 4 deg C	ARAM01	J32	08/20/2025	SM5210 B
Q2935-01	EFFLUENT	Water	BOD5	Cool 4 deg C	HOLL01	D31	08/21/2025	SM5210 B
Q2935-05	INFLUENT	Water	BOD5	Cool 4 deg C	HOLL01	D31	08/21/2025	SM5210 B

Date/Time 08/22/2025 08:15
Raw Sample Received by: RHCWC
Raw Sample Relinquished by: JHCOOKE

Date/Time 08/22/2025 11:10
Raw Sample Received by: JHCOOKE
Raw Sample Relinquished by: RHCWC