

BOD5 LOG

ANALYST: rubina

SUPERVISOR: Iwona

Analysis Date: 07/30/2025

QC BATCH ID: LB136657

BOD Water: WP114126

Starch: W3149

Sulfuric acid, 1N: WP112832

POLYSEED: WP114128

GGA: WP114127

Chlorine Strips: W3155

pH Strips: W3215

MANGANOUS SULFATE SOLUTION: W3103

Alkaline Iodide Azide: W3109

Sodium Thiosulfate, 0.025N: W3105

NaOH, 1N: WP113878

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP114055

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.7	9.7	9.7
WINKLER 2	WINKLER 2	2	300	9.9	19.6	9.7	9.7

Meter Calibration1: 9.42 Zero DO Reading1: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg DO Meter BOD fluid reading for winkler comparison: 9.79

After Incubation

Meter Calibration2: 8.47 Zero DO Reading2: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure2: 765 mmHg

QC BATCH ID: LB136657

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 16:40

TIME OUT: 14:00

DATE IN: 07/30/2025

DATE OUT: 08/04/2025

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
LB136657BL	1	No	6.68	N/A	20.90	300	9.78	9.76	0.02	0.02	0.02	
POLYSEED	1					10	9.76	6.43	3.33	0.67	0.7	
POLYSEED	2					15	9.75	4.21	5.54	0.74		
POLYSEED	3					20	9.72	2.90	6.82	0.68		
GGA	1					6	9.75	5.39	4.36	183	192.17	
GGA	2					6	9.75	5.11	4.64	197		
GGA	3					6	9.72	5.09	4.63	196.5		
Q2725-02	1	No	6.03	6.99	20.70	5	9.70	7.54	2.16	876	952	pH Adjusted
Q2725-02	2					10	9.67	5.71	3.96	978		
Q2725-02	3					20	9.62	2.24	7.38	1002		
Q2725-02	4					30	9.57	0.18	-	0		
Q2730-01	1	No	6.30	7.12	20.60	5	9.72	5.60	4.12	205.2	205.2	pH Adjusted
Q2730-01	2					20	9.38	0.19	-	0		
Q2730-01	3					50	8.71	0.14	-	0		
Q2730-01	4					150	5.35	0.11	-	0		
Q2730-01DUP	1	No	6.30	7.12	20.60	5	9.73	5.77	3.96	195.6	195.6	pH Adjusted
Q2730-01DUP	2					20	9.36	0.24	-	0		
Q2730-01DUP	3					50	8.70	0.17	-	0		
Q2730-01DUP	4					150	5.33	0.08	-	0		
Q2730-02	1	No	6.37	6.89	20.70	5	9.69	5.12	4.57	232.2	232.2	pH Adjusted
Q2730-02	2					20	9.40	0.83	-	0		
Q2730-02	3					50	8.98	0.83	-	0		
Q2730-02	4					150	5.28	0.11	-	0		
Q2733-01	1	No	11.90	7.46	20.10	5	9.67	6.39	3.28	154.8	135.68	pH Adjusted
Q2733-01	2					20	9.48	1.01	8.47	116.55		
Q2733-01	3					50	9.45	0.39	-	0		
Q2733-01	4					150	8.82	0.17	-	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)

6136657

WorkList Name : bod5-7-30

WorkList ID : 191027

Department : Wet-Chemistry

Date : 07-30-2025 12:10:48

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2730-01	001 willets Pt Blvd(july)	Water	BOD5	Cool 4 deg C	TULL01	O41	07/29/2025	SM5210 B
Q2730-02	002 35th Ave(july)	Water	BOD5	Cool 4 deg C	TULL01	O41	07/29/2025	SM5210 B

Date/Time 07/30/2025 14:30
 Raw Sample Received by: RM wec
 Raw Sample Relinquished by: JRC

Date/Time 07/30/2025 16:30
 Raw Sample Received by: JRC
 Raw Sample Relinquished by: RM wec

WORKLIST(Hardcopy Internal Chain)

6136657

WorkList Name : bod5-07-30

WorkList ID : 191028

Department : Wet-Chemistry

Date : 07-30-2025 15:40:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2725-02	Comp	Water	BOD5	Cool 4 deg C	ARAM01	O22	07/30/2025	SM5210 B
Q2733-01	TW-WTS-12	Water	BOD5	Cool 4 deg C	ENTA05	O11	07/30/2025	SM5210 B

Date/Time 07/30/2025 16:00
 Raw Sample Received by: RM wts
 Raw Sample Relinquished by: RM wts

Date/Time 07/30/2025 16:30
 Raw Sample Received by: RM wts
 Raw Sample Relinquished by: RM wts