

BOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

Analysis Date: 06/27/2024

QC BATCH ID: LB131435

BOD Water: WP108571

Starch: W2977

Sulfuric acid, 1N: WP108475

POLYSEED: WP108573

GGA: WP108572

Chlorine Strips: W2965

pH Strips: W3056

MANGANOUS SULFATE SOLUTION: W3103

Alkaline Iodide Azide: W3109

Sodium Thiosulfate, 0.025N: W3105

NaOH, 1N: WP106529

IncubatorID: INCUBATOR#3

GuageID: 0511064

Zero DO: WP108522

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.00	9	9
WINKLER 2	WINKLER 2	2	300	9.00	18.00	9	9

Meter Calibration1: 9.04

Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg DO Meter BOD fluid reading for winkler comparison: 9.00

After Incubation

Meter Calibration2: 9.48

Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure2: 771 mmHg



QC BATCH ID: LB131435

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 13:40

TIME OUT: 11:00

DATE IN: 06/27/2024

DATE OUT: 07/02/2024

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
LB131435BL	1	No	6.64	N/A	20.30	300	8.99	8.97	0.02	0.02	0.02	
POLYSEED	1					10	8.83	5.96	2.87	0.57	0.58	
POLYSEED	2					15	8.74	4.38	4.36	0.58		
POLYSEED	3					20	8.67	2.68	5.99	0.6		
GGA	1					6	8.96	4.89	4.07	174.5	179.17	
GGA	2					6	8.94	4.76	4.18	180		
GGA	3					6	8.93	4.69	4.24	183		
P3094-02	1	No	6.65	N/A	20.00	0.5	8.91	6.47	2.44	1116	794.38	
P3094-02	2					1	8.92	5.40	3.52	882		
P3094-02	3					2	8.89	4.32	4.57	598.5		
P3094-02	4					3	8.80	2.41	6.39	581		
P3094-02DUP	1	No	6.65	N/A	20.00	0.5	8.90	6.69	2.21	978	770.13	
P3094-02DUP	2					1	8.92	5.28	3.64	918		
P3094-02DUP	3					2	8.87	4.20	4.67	613.5		
P3094-02DUP	4					3	8.79	2.50	6.29	571		

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

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

WORKLIST(Hardcopy Internal Chain)

66131435

WorkList Name : bod5-6-26

WorkList ID : 181403

Department : Wet-Chemistry

Date : 06-26-2024 08:31:04

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3094-02	COMP	Water	BOD5	Cool 4 deg C	ARAM01	K11	06/26/2024	SM5210 B

Date/Time 06/27/2024 12:00
Raw Sample Received by: RH (w/c)
Raw Sample Relinquished by: (signature)

Date/Time 06/27/2024 13:30
Raw Sample Received by: (signature)
Raw Sample Relinquished by: RH (w/c)