



BOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB129533

Analysis Date: 02/14/2024

BOD Water: WP106589

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP105744

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP106591

NaOH, 1N: WP106529

GGA: WP106590

IncubatorID: INCUBATOR #3

Chlorine Strips: W2965

GuageID: 0511064

pH Strips: W3056

Zero DO: WP106592

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.4	9.4	9.4
WINKLER 2	WINKLER 2	2	300	9.4	18.8	9.4	9.4

Meter Calibration1: 9.01

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

Barometric Pressure1: 760 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.47

After Incubation

Meter Calibration2: 9.08

Zero DO Reading2: 0.14 mg/L (<=0.2 Criteria)

Barometric Pressure2: 765 mmHg



QC BATCH ID: LB129533

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 14:45

TIME OUT: 12:30

DATE IN: 02/14/2024

DATE OUT: 02/19/2024

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
LB129533BL	1	No	6.67	N/A	20.50	300	9.46	9.44	0.02	0.02	0.02	
POLYSEED	1					10	9.45	6.29	3.16	0.63	0.6	
POLYSEED	2					15	9.42	5.02	4.4	0.59		
POLYSEED	3					20	9.40	3.61	5.79	0.58		
GGA	1					6	9.43	5.13	4.3	185	193.33	
GGA	2					6	9.41	4.92	4.49	194.5		
GGA	3					6	9.40	4.79	4.61	200.5		
P1474-02	1	No	6.25	6.70	20.00	0.5	9.42	6.74	2.68	1248	928.5	pH Adjusted
P1474-02	2					1	9.40	5.81	3.59	897		
P1474-02	3					2	9.39	3.37	6.02	813		
P1474-02	4					3	9.34	1.18	8.16	756		
P1474-02DUP	1	No	6.25	6.70	20.00	0.5	9.43	6.67	2.76	1296	952.25	pH Adjusted
P1474-02DUP	2					1	9.41	5.74	3.67	921		
P1474-02DUP	3					2	9.39	3.25	6.14	831		
P1474-02DUP	4					3	9.36	1.15	8.21	761		
P1481-01	1	No	8.19	7.30	20.00	5	9.44	7.89	-	0	7.47	pH Adjusted
P1481-01	2					20	9.43	7.61	-	0		
P1481-01	3					50	9.41	6.95	2.46	11.16		
P1481-01	4					150	9.40	6.91	2.49	3.78		

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)

LB129533

WorkList Name : BOD5-0214+ **WorkList ID :** 177897 **Department :** Wet-Chemistry **Date :** 02-14-2024 10:46:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P1474-02	COMP	Water	BOD5	Cool 4 deg C	ARAM01	E21	02/14/2024	SM5210 B
P1481-01	WEEKLY-OUTFALL-002	Water	BOD5	Cool 4 deg C	INFR01	E21	02/14/2024	SM5210 B

Date/Time 02/14/2024 13:15
Raw Sample Received by: RM CW
Raw Sample Relinquished by: JH(CDC)

Date/Time 02/14/2024 14:02
Raw Sample Received by: JH(CDC)
Raw Sample Relinquished by: RM CW