



BOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB129798

Analysis Date: 03/06/2024

BOD Water: WP106860

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP105744

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP106862

NaOH, 1N: WP106529

GGA: WP106861

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: 8.54

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

Barometric Pressure1: 765 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.44

After Incubation

Meter Calibration2: 8.59

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

Barometric Pressure2: 760 mmHg



QC BATCH ID: LB129798

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 17:15

TIME OUT: 12:00

DATE IN: 03/06/2024

DATE OUT: 03/11/2024

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
LB129798BL	1	No	6.62	N/A	20.60	300	9.43	9.41	0.02	0.02	0.02	
POLYSEED	1					10	9.35	5.60	3.75	0.75	0.72	
POLYSEED	2					15	9.32	3.60	5.72	0.76		
POLYSEED	3					20	9.29	2.94	6.35	0.64		
GGA	1					6	9.35	4.84	4.51	189.5	195.83	
GGA	2					6	9.35	4.66	4.69	198.5		
GGA	3					6	9.30	4.59	4.71	199.5		
P1686-02	1	No	6.45	6.64	20.00	0.5	9.42	7.33	2.09	822	996	pH Adjusted
P1686-02	2					1	9.40	4.58	4.82	1230		
P1686-02	3					2	9.35	2.39	6.96	936		
P1686-02	4					3	9.30	0.24	-	0		
P1686-02DUP	1	No	6.45	6.64	20.00	0.5	9.42	7.25	2.17	870	1024.5	pH Adjusted
P1686-02DUP	2					1	9.41	4.50	4.91	1257		
P1686-02DUP	3					2	9.34	2.31	7.03	946.5		
P1686-02DUP	4					3	9.30	0.22	-	0		
P1689-01	1	No	6.32	6.71	20.00	5	9.42	8.04	-	0	18.65	pH Adjusted
P1689-01	2					20	9.30	6.78	2.52	27		
P1689-01	3					50	8.91	5.01	3.9	19.08		
P1689-01	4					150	7.36	1.70	5.66	9.88		
P1689-02	1	No	6.55	N/A	20.00	5	9.41	7.65	-	0	14.85	
P1689-02	2					20	9.22	6.68	2.54	27.3		
P1689-02	3					50	8.62	5.88	2.74	12.12		
P1689-02	4					150	6.26	2.97	3.29	5.14		

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)

6129798

WorkList Name : bod5-0306

WorkList ID : 178425

Department : Wet-Chemistry

Date : 03-06-2024 10:37:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P1686-02	COMP	Water	BOD5	Cool 4 deg C	ARAM01	I11	03/06/2024	SM5210 B
P1689-01	001-WILLETS-PT-BLVD(MARC	Water	BOD5	Cool 4 deg C	TULL01	I11	03/05/2024	SM5210 B
P1689-02	002-35TH-AVE(MARCH)	Water	BOD5	Cool 4 deg C	TULL01	I11	03/05/2024	SM5210 B

Date/Time 03/06/2024 16:20
Raw Sample Received by: RM (wc)
Raw Sample Relinquished by: JG(OL)

Date/Time 03/06/2024 17:00
Raw Sample Received by: JG(OL)
Raw Sample Relinquished by: RM (wc)