



BOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB129344

Analysis Date: 02/01/2024

BOD Water: WP106387

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP105744

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP106389

NaOH, 1N: WP103989

GGA: WP106388

IncubatorID: INCUBATOR #3

Chlorine Strips: W2965

GuageID: 0511064

pH Strips: W3056

Zero DO: WP106040

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.9	8.9	8.9
WINKLER 2	WINKLER 2	2	300	8.9	17.8	8.9	8.9

Meter Calibration1: 9.21

Zero DO Reading1: 0.12 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg

DO Meter BOD fluid reading for winkler comparison: 8.95

After Incubation

Meter Calibration2: 8.90

Zero DO Reading2: 0.12 mg/L (<=0.2 Criteria)

Barometric Pressure2: 765 mmHg



QC BATCH ID: LB129344

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 14:30

TIME OUT: 14:30

DATE IN: 02/01/2024

DATE OUT: 02/06/2024

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
LB129344BL	1	No	6.70	N/A	20.40	300	8.94	8.92	0.02	0.02	0.02	
POLYSEED	1					10	8.92	6.11	2.81	0.56	0.59	
POLYSEED	2					15	8.86	4.29	4.57	0.61		
POLYSEED	3					20	8.84	2.98	5.86	0.59		
GGA	1					6	8.85	4.67	4.18	179.5	183.83	
GGA	2					6	8.81	4.52	4.29	185		
GGA	3					6	8.81	4.48	4.33	187		
P1319-02	1	No	6.28	6.72	20.40	0.5	8.80	6.20	2.6	1206	1213.5	pH Adjusted
P1319-02	2					1	8.73	4.07	4.66	1221		
P1319-02	3					2	8.63	0.70	-	0		
P1319-02	4					3	8.37	0.40	-	0		
P1319-02DUP	1	No	6.28	6.72	20.40	0.5	8.82	6.30	2.52	1158	1156.5	pH Adjusted
P1319-02DUP	2					1	8.72	4.28	4.44	1155		
P1319-02DUP	3					2	8.60	0.68	-	0		
P1319-02DUP	4					3	8.39	0.39	-	0		
P1320-01	1	No	8.09	7.28	20.70	5	8.88	7.65	-	0	12.92	pH Adjusted
P1320-01	2					20	8.87	6.63	2.24	24.75		
P1320-01	3					50	8.85	6.51	2.34	10.5		
P1320-01	4					150	8.83	6.49	2.34	3.5		
P1327-04	1	No	6.68	N/A	20.00	5	8.90	7.18	-	0	18.79	
P1327-04	2					20	8.82	6.79	2.03	21.6		
P1327-04	3					50	8.80	4.16	4.64	24.3		
P1327-04	4					150	8.79	2.96	5.83	10.48		

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)

66129344

WorkList Name : bod5-2-01

WorkList ID : 177538

Department : Wet-Chemistry

Date : 02-01-2024 08:23:14

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P1319-02	COMP	Water	BOD5	Cool 4 deg C	ARAM01	D11	01/31/2024	SM5210 B
P1320-01	WEEKLY-OUTFALL-002	Water	BOD5	Cool 4 deg C	INFR01	D11	01/31/2024	SM5210 B
P1327-04	MANHOLE-24-HRS-COMP	Water	BOD5	Cool 4 deg C	SPEC01	D11	01/31/2024	SM5210 B

Date/Time 02/01/2024 12:00
 Raw Sample Received by: RM
 Raw Sample Relinquished by: JPC

Date/Time 02/01/2024 14:00
 Raw Sample Received by: JPC
 Raw Sample Relinquished by: RM