BOD5 LOG

ANALYST: Niha
SUPERVISOR: Iwona

QC BATCH ID: LB131761
Analysis Date: 07/26/2024
BOD Water: WP108855
MANGANOUS SULFATE SOLUTION: W3103
Starch: W2977
Alkaline Iodide Azide: W3109
Sulfuric acid, 1N: WP108475
Sodium Thiosulfate, 0.025N: W3105
POLYSEED: WP108857
NaOH, 1N: WP108662
GGA: WP108856
IncubatorID: INCUBATOR #3
Chlorine Strips: W2965
GuageID: 0511064
pH Strips: W3056
Zero DO: WP108811

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading(ML)	Final Reading(ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.6	8.6	8.6
WINKLER 2	WINKLER 2	2	300	8.6	17.2	8.6	8.6

Meter Calibration1: 9.22 Zero DO Reading1: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure1: 765 mmHg DO Meter BOD fluid reading for winkler comparison: 8.67

After Incubation

Meter Calibration2: 8.98 Zero DO Reading2: 0.12 mg/L (<=0.2 Criteria)

Barometric Pressure2: 765 mmHg

CHEMTECH

QC BATCH ID: LB131761

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 17:30

TIME OUT: 15:30

DATE IN: 07/26/2024

DATE OUT: 07/31/2024

Lab SampleID	Bottle No.	Check CL	Initial PH	Final PH	Temp ℃	Sam Vol. (mL)	D.O.1 Initial	D.O.2 Final	Depletion	BOD Result (mg/L)	Avg Result (mg/L)	Comment
LB131761BL	1	No	6.80	N/A	20.60	300	8.66	8.65	0.01	0.01	0.01	
POLYSEED	1					10	8.55	6.73	-	0	0.33	
POLYSEED	2					15	8.53	6.05	2.48	0.33		
POLYSEED	3					20	8.37	5.10	3.27	0.33		
GGA	1					6	8.64	5.05	3.59	163	172.83	
GGA	2					6	8.63	4.90	3.73	170		
GGA	3					6	8.62	4.58	4.04	185.5		
P3384-01	1	No	7.68	7.40	20.20	0.5	8.55	6.94	-	0	692.8	pH Adjuste
P3384-01	2					1	8.45	4.62	3.83	1050		
P3384-01	3					2	8.42	3.55	4.87	681		
P3384-01	4					5	8.10	1.98	6.12	347.4		
P3384-01	5					10	7.63	0.31	-	0		
P3384-05	1	No	5.01	6.68	20.40	0.01	8.62	6.87	-	0	13260	pH Adjuste
P3384-05	2					0.05	8.47	6.02	2.45	12720		
P3384-05	3					0.1	8.50	3.57	4.93	13800		
P3384-05	4					0.5	8.30	0.48	-	0		
P3384-05	5					1	8.25	0.33	-	0		
P3386-02	1	No	6.89	N/A	20.40	0.5	8.60	7.61	-	0		
P3386-02	2					1	8.53	7.55	-	0		
P3386-02	3					2	8.50	7.48	-	0		
P3386-02	4					3	8.47	7.67	-	0		
P3386-02DUP	1	No	6.89	N/A	20.40	0.5	8.61	8.10	-	0		
P3386-02DUP	2					1	8.54	8.02	-	0		
P3386-02DUP	3					2	8.49	7.91	-	0		
P3386-02DUP	4					3	8.47	7.76	-	0		

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)

L6131761

WorkList Name : BOD5-7-26- **WorkList ID :** 182118 **Department :** Wet-Chemistry **Date :** 07-26-2024 08:40:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3384-01	EFFLUENT	Water	BOD5	Cool 4 deg C	HOLL01	K11	07/26/2024	SM5210 B
P3384-05	INFLUENT	Water	BOD5	Cool 4 deg C	HOLL01	K11	07/26/2024	SM5210 B
P3386-02	EFF-WW	Water	BOD5	Cool 4 deg C	ARDM01	K11	07/26/2024	SM5210 B

Date/Time 07/26/2024 15.40
Raw Sample Received by: RM (CWL)
Raw Sample Relinquished by: [signature]

Date/Time 07/26/2024 17.10
Raw Sample Received by: [signature]
Raw Sample Relinquished by: RM (CWL)