



BOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB129830

Analysis Date: 03/08/2024

BOD Water: WP106876

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP105744

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP106878

NaOH, 1N: WP106529

GGA: WP106877

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	9.00	9	9
WINKLER 2	WINKLER 2	2	300	9.00	18.00	9	9

Meter Calibration1: 8.65

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

Barometric Pressure1: 776 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.07

After Incubation

Meter Calibration2: 8.73

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

Barometric Pressure2: 765 mmHg



QC BATCH ID: LB129830

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 16:30

TIME OUT: 12:00

DATE IN: 03/08/2024

DATE OUT: 03/13/2024

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
LB129830BL	1	No	6.67	N/A	20.50	300	9.06	9.05	0.01	0.01	0.01	
POLYSEED	1					10	9.04	6.16	2.88	0.58	0.59	
POLYSEED	2					15	9.00	4.54	4.46	0.59		
POLYSEED	3					20	8.98	3.02	5.96	0.6		
GGA	1					6	9.03	5.02	4.01	171	174.67	
GGA	2					6	9.01	4.95	4.06	173.5		
GGA	3					6	9.00	4.82	4.18	179.5		
P1714-04	1	No	8.56	7.30	20.60	5	9.01	8.32	-	0	6.9	pH Adjusted
P1714-04	2					20	8.97	8.06	-	0		
P1714-04	3					50	8.92	6.93	-	0		
P1714-04	4					150	8.69	4.65	4.04	6.9		
P1719-03	1	No	5.30	6.66	20.00	0.01	9.01	8.12	-	0	1662	pH Adjusted
P1719-03	2					0.05	8.98	7.62	-	0		
P1719-03	3					0.1	8.97	7.38	-	0		
P1719-03	4					0.5	8.92	5.56	3.36	1662		
P1719-03	5					1	8.86	0.32	-	0		
P1719-04	1	No	7.35	N/A	20.00	0.5	9.00	7.75	-	0	434.93	
P1719-04	2					1	8.98	6.21	2.77	654		
P1719-04	3					2	8.95	4.57	4.38	568.5		
P1719-04	4					5	8.90	3.29	5.61	301.2		
P1719-04	5					10	8.85	1.06	7.79	216		
P1719-04DUP	1	No	7.35	N/A	20.00	0.5	9.01	7.80	-	0	431.32	
P1719-04DUP	2					1	8.97	6.27	2.7	633		
P1719-04DUP	3					2	8.94	4.49	4.45	579		
P1719-04DUP	4					5	8.90	3.36	5.54	297		
P1719-04DUP	5					10	8.84	1.04	7.8	216.3		
P1723-02	1	No	7.26	N/A	20.50	0.5	9.02	8.22	-	0	375.75	
P1723-02	2					1	9.00	8.09	-	0		
P1723-02	3					2	8.88	5.92	2.96	355.5		
P1723-02	4					3	8.95	4.40	4.55	396		

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)

6129830

WorkList Name : BOD5-0308

WorkList ID : 178485

Department : Wet-Chemistry

Date : 03-08-2024 10:56:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P1714-04	WATER-TREATMENT-DISCHAI	Water	BOD5	Cool 4 deg C	VERI01	I22	03/07/2024	SM5210 B
P1719-03	INFLUENT	Water	BOD5	Cool 4 deg C	HOLL01	I23	03/08/2024	SM5210 B
P1719-04	EFFLUENT	Water	BOD5	Cool 4 deg C	HOLL01	I23	03/08/2024	SM5210 B
P1723-02	EFF-WW	Water	BOD5	Cool 4 deg C	ARDM01	I23	03/08/2024	SM5210 B

Date/Time 03/08/2024 14:30
 Raw Sample Received by: RY CWC
 Raw Sample Relinquished by: RY CWC

Date/Time 03/08/2024 16:00
 Raw Sample Received by: RY CWC
 Raw Sample Relinquished by: RY CWC