

CBOD5 LOG

ANALYST: rubina

SUPERVISOR: Iwona

Analysis Date: 09/25/2024

QC BATCH ID: LB132585

BOD Water: WP109907

Starch: W2977

Sulfuric acid, 1N: WP108475

POLYSEED: WP109909

GGA: WP109908

Chlorine Strips: W2965

pH Strips: W3104

MANGANOUS SULFATE SOLUTION: W3103

Alkaline Iodide Azide: W3109

Sodium Thiosulfate, 0.025N: W3105

NaOH, 1N: WP108662

IncubatorID: INCUBATOR #3

GuageID: 0511062

Zero DO: WP109433

Nitrification Inhibitor: W3064

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.2	9.2	9.2
WINKLER 2	WINKLER 2	2	300	9.2	18.4	9.2	9.2

Meter Calibration1: 9.31

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

Barometric Pressure1: 771 mmHg DO Meter BOD fluid reading for winkler comparison: 9.29

After Incubation

Meter Calibration2: 9.48

Zero DO Reading2: 0.10 mg/L (<=0.2 Criteria)

Barometric Pressure2: 760 mmHg



QC BATCH ID: LB132585

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 19.8

TIME IN: 14:45

TIME OUT: 09:30

DATE IN: 09/25/2024

DATE OUT: 09/30/2024

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
LB132585BL	1	No	6.89	N/A	20.60	300	9.28	9.26	0.02	0.02	0.02	
POLYSEED	1					10	9.22	6.48	2.74	0.55	0.5	
POLYSEED	2					15	9.18	5.20	3.98	0.53		
POLYSEED	3					20	9.09	4.80	4.29	0.43		
GGA	1					6	9.22	5.17	4.05	177.5	181.5	
GGA	2					6	9.22	5.04	4.18	184		
GGA	3					6	9.16	5.00	4.16	183		
P4176-01	1	No	7.56	7.19	20.00	5	9.21	8.73	-	0		pH Adjusted
P4176-01	2					20	9.16	8.62	-	0		
P4176-01	3					50	9.14	8.06	-	0		
P4176-01	4					150	9.12	7.96	-	0		
P4176-02	1	No	7.34	N/A	20.00	5	9.21	8.60	-	0		
P4176-02	2					20	9.19	8.36	-	0		
P4176-02	3					50	9.16	8.08	-	0		
P4176-02	4					150	9.15	7.95	-	0		
P4176-03	1	No	7.33	N/A	20.00	5	9.24	8.27	-	0		
P4176-03	2					20	9.23	8.06	-	0		
P4176-03	3					50	9.21	7.82	-	0		
P4176-03	4					150	9.16	7.75	-	0		
P4176-04	1	No	7.55	7.20	20.00	5	9.24	8.40	-	0		pH Adjusted
P4176-04	2					20	9.22	8.24	-	0		
P4176-04	3					50	9.20	7.96	-	0		
P4176-04	4					150	9.18	7.48	-	0		
P4176-05	1	No	7.30	N/A	20.00	5	9.26	8.53	-	0		
P4176-05	2					20	9.25	7.83	-	0		
P4176-05	3					50	9.20	7.74	-	0		
P4176-05	4					150	9.15	7.51	-	0		
P4176-06	1	No	6.97	N/A	20.00	5	9.26	8.62	-	0		
P4176-06	2					20	9.24	7.82	-	0		
P4176-06	3					50	9.15	7.75	-	0		
P4176-06	4					150	8.63	7.66	-	0		
P4176-06DUP	1	No	6.97	N/A	20.00	5	9.25	8.48	-	0		
P4176-06DUP	2					20	9.24	7.78	-	0		
P4176-06DUP	3					50	9.14	7.70	-	0		
P4176-06DUP	4					150	8.63	7.00	-	0		

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.

NOTE (For, CBOD5): 0.16 g Nitrification Inhibitor added to GGA and all the Samples, but not in Blank.

WORKLIST(Hardcopy Internal Chain)

66132585

WorkList Name : CBOD5-9-25-

WorkList ID : 183809

Department : Wet-Chemistry

Date : 09-25-2024 10:28:21

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4176-01 A	FB-NC-SYS2	Water	CBOD5	Cool 4 deg C	RUTW01	J41	09/24/2024	SM5210 B
P4176-02 A	FB-1C-SYS2	Water	CBOD5	Cool 4 deg C	RUTW01	J41	09/24/2024	SM5210 B
P4176-03 A	FB-2C-SYS2	Water	CBOD5	Cool 4 deg C	RUTW01	J41	09/24/2024	SM5210 B
P4176-04 A	FB-NC-SYS1	Water	CBOD5	Cool 4 deg C	RUTW01	J41	09/24/2024	SM5210 B
P4176-05 A	FB-1C-SYS1	Water	CBOD5	Cool 4 deg C	RUTW01	J41	09/24/2024	SM5210 B
P4176-06 A	FB-2C-SYS1	Water	CBOD5	Cool 4 deg C	RUTW01	J41	09/24/2024	SM5210 B

Date/Time 09/25/2024 12:20
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: JR (CWC)

Date/Time 09/25/2024 13:30
 Raw Sample Received by: JR (CWC)
 Raw Sample Relinquished by: RM CWC