



CBOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB127503

Analysis Date: 09/27/2023

BOD Water: WP104381

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP102923

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP104383

NaOH, 1N: WP103989

GGA: WP104382

IncubatorID: INCUBATOR #3

Chlorine Strips: W2011

GuageID: 0511064

pH Strips: W3056

Zero DO: WP104002

Nitrification Inhibitor: W2792

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: 9.40

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

Barometric Pressure1: 771 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.26

After Incubation

Meter Calibration2: 9.15

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

Barometric Pressure2: 765 mmHg



QC BATCH ID: LB127503

INCUBATOR TEMP IN(C): 19.9

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 17:10

TIME OUT: 15:30

DATE IN: 09/27/2023

DATE OUT: 10/02/2023

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
LB127503BL	1	No	6.63	N/A	20.00	300	9.25	9.24	0.01	0.01	0.01	
POLYSEED	1					10	9.21	6.54	2.67	0.53	0.49	
POLYSEED	2					15	9.20	5.92	3.28	0.44		
POLYSEED	3					20	9.18	4.18	5	0.5		
GGA	1					6	9.20	5.16	4.04	177.5	189.83	
GGA	2					6	9.18	4.82	4.36	193.5		
GGA	3					6	9.16	4.70	4.46	198.5		
O4349-03	1	No	2.76	7.43	20.00	1	9.22	8.90	-	0	22.2	pH Adjusted
O4349-03	2					5	9.20	8.84	-	0		
O4349-03	3					20	9.17	8.11	-	0		
O4349-03	4					50	9.13	4.94	4.19	22.2		
O4349-03	5					100	9.00	0.27	-	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)

6127503

WorkList Name : cbod5-9-27

WorkList ID : 174011

Department : Wet-Chemistry

Date : 09-27-2023 09:16:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4349-03	PT-DEM-WP	Water	CBOD5	Cool 4 deg C	CHEM02	QA Of	09/05/2023	SM5210 B

Date/Time 09/27/2023 15:00
 Raw Sample Received by: RM
 Raw Sample Relinquished by: JH GDC

Date/Time 09/27/2023 15:00
 Raw Sample Received by: JH GDC
 Raw Sample Relinquished by: JH GDC