



CBOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

QC BATCH ID: LB125534

Analysis Date: 05/18/2023

BOD Water: WP102520

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2977

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP100509

Sodium Thiosulfate, 0.025N: W2976

POLYSEED: WP102522

NaOH, 1N: WP101216

GGA: WP102521

IncubatorID: INCUBATOR #3

Chlorine Strips: W2011

GuageID: 0511064

pH Strips: W3006

Zero DO: WP102042

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: 8.83

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

Barometric Pressure1: 765 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.47

After Incubation

Meter Calibration2: 9.05

Zero DO Reading2: 0.14 mg/L (<=0.2 Criteria)

Barometric Pressure2: 771 mmHg



QC BATCH ID: LB125534

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 14:20

TIME OUT: 14:00

DATE IN: 05/18/2023

DATE OUT: 05/23/2023

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
LB125534BL	1	No	6.74	N/A	20.70	300	9.46	9.45	0.01	0.01	0.01	
POLYSEED	1					10	9.45	5.12	4.33	0.87	0.7	
POLYSEED	2					15	9.43	4.30	5.13	0.68		
POLYSEED	3					20	9.42	3.98	5.44	0.54		
GGA	1					6	9.38	4.52	4.86	208	223.67	
GGA	2					6	9.36	4.40	4.96	213		
GGA	3					6	9.35	3.65	5.7	250		
O2830-01	1	No	7.22	N/A	20.00	5	9.18	7.43	-	0	76.35	
O2830-01	2					20	9.04	3.25	5.79	76.35		
O2830-01	3					50	8.62	0.33	-	0		
O2830-01	4					150	6.84	0.29	-	0		
O2830-01DUP	1	No	7.22	N/A	20.00	5	9.17	7.44	-	0	76.35	
O2830-01DUP	2					20	9.03	3.24	5.79	76.35		
O2830-01DUP	3					50	8.61	0.34	-	0		
O2830-01DUP	4					150	6.85	0.29	-	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)

66125534

WorkList Name : CBOD5-5-17 **WorkList ID :** 170089 **Department :** Wet-Chemistry **Date :** 05-17-2023 14:26:48

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O2830-01	SEMI-ANNUAL-CONDENSATE	Water	CBOD5	1:1 HNO3 to pH < 2	INFR01	N11	05/17/2023	SM5210 B

Date/Time 05/18/2023 12:00
Raw Sample Received by: RM CWS
Raw Sample Relinquished by: JQ/QC1

Date/Time 05/18/2023 14:30
Raw Sample Received by: JQ/QC1
Raw Sample Relinquished by: RM CWS