



BOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

Analysis Date: 02/08/2024

QC BATCH ID: LB129452

BOD Water: WP106482

Starch: W2977

Sulfuric acid, 1N: WP105744

POLYSEED: WP106484

GGA: WP106483

Chlorine Strips: W2965

pH Strips: W3056

MANGANOUS SULFATE SOLUTION: W2913

Alkaline Iodide Azide: W2914

Sodium Thiosulfate, 0.025N: W2976

NaOH, 1N: WP103989

IncubatorID: INCUBATOR#3

GuageID: 0511064

Zero DO: WP106040

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: 8.99

Zero DO Reading1: 0.08 mg/L (<=0.2 Criteria)

Barometric Pressure1: 771 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.28

After Incubation

Meter Calibration2: 8.71

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

Barometric Pressure2: 750 mmHg



QC BATCH ID: LB129452

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 16:15

TIME OUT: 12:00

DATE IN: 02/08/2024

DATE OUT: 02/13/2024

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
LB129452BL	1	No	6.77	N/A	20.60	300	9.27	9.26	0.01	0.01	0.01	
POLYSEED	1					10	9.26	6.02	3.24	0.65	0.61	
POLYSEED	2					15	9.24	4.95	4.29	0.57		
POLYSEED	3					20	9.22	3.19	6.03	0.6		
GGA	1					6	9.25	5.07	4.18	178.5	182.83	
GGA	2					6	9.20	4.90	4.3	184.5		
GGA	3					6	9.15	4.83	4.32	185.5		
P1429-01	1	No	6.34	6.65	20.80	5	9.22	8.25	-	0	17.1	pH Adjusted
P1429-01	2					20	9.20	6.69	2.51	28.5		
P1429-01	3					50	9.18	6.11	3.07	14.76		
P1429-01	4					150	9.15	4.52	4.63	8.04		
P1429-01DUP	1	No	6.34	6.65	20.80	5	9.21	8.37	-	0	16.93	pH Adjusted
P1429-01DUP	2					20	9.18	6.74	2.44	27.45		
P1429-01DUP	3					50	9.17	6.02	3.15	15.24		
P1429-01DUP	4					150	9.14	4.48	4.66	8.1		
P1429-02	1	No	6.62	N/A	20.70	5	9.20	8.27	-	0	15.64	
P1429-02	2					20	9.19	6.75	2.44	27.45		
P1429-02	3					50	9.18	6.20	2.98	14.22		
P1429-02	4					150	9.16	5.92	3.24	5.26		

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.

CB129452

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-02-08

WorkList ID : 177745

Department : Wet-Chemistry

Date : 02-08-2024 13:42:11

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P1429-01	001-WILLETS-PT-BLVD(FEB)	Water	BOD5	Cool 4 deg C	TULL01	E21	02/07/2024	SM5210 B
P1429-02	002-35TH-AVE(FEB)	Water	BOD5	Cool 4 deg C	TULL01	E21	02/07/2024	SM5210 B

Date/Time 02/08/2024 15:15

Raw Sample Received by: RM CWC

Raw Sample Relinquished by: JH Lee

Date/Time 02/08/2024 16:00

Raw Sample Received by: JH Lee

Raw Sample Relinquished by: RM CWC