



BOD5 LOG

ANALYST: Rubina

SUPERVISOR: Iwona

Analysis Date: 03/03/2023

QC BATCH ID: LB124366

BOD Water: WP101306

Starch: W2977

Sulfuric acid, 1N: WP100509

POLYSEED: WP101308

GGA: WP101307

Chlorine Strips: W2011

pH Strips: W3006

MANGANOUS SULFATE SOLUTION: W2913

Alkaline Iodide Azide: W2914

Sodium Thiosulfate, 0.025N: W2941

NaOH, 1N: WP101216

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP101031

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.80	8.8	8.8
WINKLER 2	WINKLER 2	2	300	8.80	17.6	8.8	8.8

Meter Calibration1: 8.84

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

Barometric Pressure1: 765 mmHg

DO Meter BOD fluid reading for winkler comparison: 8.79

After Incubation

Meter Calibration2: 8.85

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

Barometric Pressure2: 760 mmHg



QC BATCH ID: LB124366

INCUBATOR TEMP IN(C): 19.9

INCUBATOR TEMP OUT(C): 20.0

TIME IN: 16:10

TIME OUT: 12:00

DATE IN: 03/03/2023

DATE OUT: 03/08/2023

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
LB124366BL	1	No	7.10	N/A	20.20	300	8.78	8.77	0.01	0.01	0.01	
POLYSEED	1					10	8.69	4.96	3.73	0.75	0.64	
POLYSEED	2					15	8.67	4.16	4.51	0.6		
POLYSEED	3					20	8.63	3.04	5.59	0.56		
GGA	1					6	8.68	4.54	4.14	175	187.67	
GGA	2					6	8.65	4.26	4.39	187.5		
GGA	3					6	8.63	3.98	4.65	200.5		
O1774-01	1	No	6.98	N/A	20.00	5	8.69	5.79	2.9	135.6	135.6	
O1774-01	2					20	8.02	0.31	-	0		
O1774-01	3					50	6.64	0.25	-	0		
O1774-01	4					150	4.03	0.23	-	0		
O1774-01DUP	1	No	6.98	N/A	20.00	5	8.70	5.78	2.92	136.8	136.8	
O1774-01DUP	2					20	8.03	0.32	-	0		
O1774-01DUP	3					50	6.65	0.26	-	0		
O1774-01DUP	4					150	4.04	0.22	-	0		
O1774-02	1	No	6.99	N/A	20.00	5	8.67	5.44	3.23	155.4	155.4	
O1774-02	2					20	8.05	0.26	-	0		
O1774-02	3					50	6.65	0.19	-	0		
O1774-02	4					150	1.70	0.18	-	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)

66124366

WorkList Name : bod3-3

WorkList ID : 167848

Department : Wet-Chemistry

Date : 03-03-2023 08:29:52

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
03/04/2023	Water	O1774-01 E	BOD5	Cool 4 deg C	TULL01	E31	001-WILLETTS-PT-BLVD(MAR)	03/02/2023	SM5210 B
03/04/2023	Water	O1774-02 F	BOD5	Cool 4 deg C	TULL01	E31	002-35TH-AVE(MAR)	03/02/2023	SM5210 B

Date/Time 03/03/2023 15:00
 Raw Sample Received by: RRA CWC
 Raw Sample Relinquished by: JDCWC

Date/Time 03/03/2023 16:15
 Raw Sample Received by: RRA CWC
 Raw Sample Relinquished by: RRA CWC