

BOD5 LOG

ANALYST: ketankumar

SUPERVISOR: apatel

Analysis Date: 04/15/2022

QC BATCH ID: LB119713

BOD Water: WP96332

Starch: W2766

Sulfuric acid, 1N: WP94324

POLYSEED: WP96334

GGA: WP96333

Chlorine Strips: W2011

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: W2843

NaOH, 1N: WP95405

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP96043

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.0	9	8.95
WINKLER 2	WINKLER 2	2	300	9.0	17.9	8.9	8.95

Meter Calibration1: 8.98

Barometric Pressure1: 755 mmHg

Zero DO Reading1: 0.11 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.97

After Incubation

Meter Calibration2: 9.13

Barometric Pressure2: 765 mmHg

Zero DO Reading2: 0.09 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.95



QC BATCH ID: LB119713

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 14:05

TIME OUT: 11:30

DATE IN: 04/15/2022

DATE OUT: 04/20/2022

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
LB119713BL	1	No	6.04	N/A	22.10	300	8.96	8.90	0.06	0.06	0.06	
POLYSEED	1					10	8.94	5.29	3.65	0.73	0.75	
POLYSEED	2					15	8.92	2.77	6.15	0.82		
POLYSEED	3					20	8.92	1.94	6.98	0.7		
GGA	1					6	8.85	3.97	4.88	206.5	203.33	
GGA	2					6	8.84	3.90	4.94	209.5		
GGA	3					6	8.83	4.20	4.63	194		
N2433-02	1	No	9.37	7.06	20.10	0.5	8.85	2.39	6.46	3426	3426	pH Adjusted
N2433-02	2					1	8.85	0.27	-	0		
N2433-02	3					2	8.85	0.25	-	0		
N2433-02	4					3	8.86	0.23	-	0		
N2433-02DUP	1	No	9.37	7.06	20.10	0.5	8.84	2.40	6.44	3414	3414	pH Adjusted
N2433-02DUP	2					1	8.85	0.30	-	0		
N2433-02DUP	3					2	8.84	0.27	-	0		
N2433-02DUP	4					3	8.85	0.25	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB119713

WorkList Name : BOD 041522 WorkList ID : 158736 Department : Wet-Chemistry Date : 04-15-2022 10:33:11

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/16/2022	Water	N2433-02	BOD5	Cool 4 deg C	ARDM01	O11	EFF-WW	04/14/2022	SM5210 B

Date/Time 4/15/22 13:30
Raw Sample Received by: ASHCO
Raw Sample Relinquished by: [Signature]

Date/Time 4/15/22 14:10
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: ASHCO