

BOD5 LOG

ANALYST: ketankumar

SUPERVISOR: apatel

Analysis Date: 04/13/2022

QC BATCH ID: LB119658

BOD Water: WP96311

Starch: W2766

Sulfuric acid, 1N: WP94324

POLYSEED: WP96313

GGA: WP96312

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	9.05
WINKLER 2	WINKLER 2	2	300	9.0	18.1	9.1	9.05

Meter Calibration1: 9.05

Barometric Pressure1: 755 mmHg

Zero DO Reading1: 0.04 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 9.11

After Incubation

Meter Calibration2: 9.30

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading2: 9.18



QC BATCH ID: LB119658

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 11:01

TIME OUT: 11:35

DATE IN: 04/13/2022

DATE OUT: 04/18/2022

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
LB119658BL	1	No	6.01	N/A	21.00	300	9.12	9.10	0.02	0.02	0.02	
POLYSEED	1					10	9.19	5.05	4.14	0.83	0.76	
POLYSEED	2					15	9.19	3.61	5.58	0.74		
POLYSEED	3					20	9.15	2.12	7.03	0.7		
GGA	1					6	9.22	4.40	4.82	203	193.33	
GGA	2					6	9.12	4.52	4.6	192		
GGA	3					6	9.10	4.64	4.46	185		
N2363-01	1	No	7.72	N/A	19.20	0.5	9.11	7.94	-	0	286.5	
N2363-01	2					1.0	9.11	7.50	-	0		
N2363-01	3					2.0	9.08	6.41	2.67	286.5		
N2363-01	4					5.0	9.06	0.55	-	0		
N2363-01DUP	1	No	7.72	N/A	19.20	0.5	9.12	7.95	-	0	279	
N2363-01DUP	2					1.0	9.08	7.55	-	0		
N2363-01DUP	3					2.0	9.07	6.45	2.62	279		
N2363-01DUP	4					5.0	9.05	0.58	-	0		
N2363-05	1	No	5.07	7.05	19.90	0.1	9.12	5.37	3.75	8970	8850	pH Adjusted
N2363-05	2					0.2	9.12	2.54	6.58	8730		
N2363-05	3					0.5	9.08	0.28	-	0		
N2363-05	4					1.0	9.11	0.25	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 179658

WorkList Name : BOD5-041322 WorkList ID : 158645 Department : Wet-Chemistry Date : 04-13-2022 09:14:10

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/13/2022	Water	N2363-01	BOD5	Cool 4 deg C	HOLL01	N21	EFFLUENT	04/11/2022	SM5210 B
04/13/2022	Water	N2363-05	BOD5	Cool 4 deg C	HOLL01	N21	INFLUENT	04/11/2022	SM5210 B

Date/Time 4/13/22 9:30
 Raw Sample Received by: AD (WC)
 Raw Sample Relinquished by: JP (WC)

Date/Time 4/13/22 11:00
 Raw Sample Received by: JP (WC)
 Raw Sample Relinquished by: AD (WC)