



BOD Soluble LOG

ANALYST: jignesh

SUPERVISOR: Sohil

QC BATCH ID: LB122362

Analysis Date: 10/06/2022

BOD Water: WP99315

MANGANOUS SULFATE SOLUTION: W2913

Starch: W2766

Alkaline Iodide Azide: W2914

Sulfuric acid, 1N: WP97258

Sodium Thiosulfate, 0.025N: W2843

POLYSEED: WP99317

NaOH, 1N: WP97250

GGA: WP99318

IncubatorID: INCUBATOR #3

Chlorine Strips: W2011

GuageID: 0511064

pH Strips: W2716

Zero DO: WP99283

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.7	8.7	8.75
WINKLER 2	WINKLER 2	2	300	8.7	17.5	8.8	8.75

Meter Calibration1: 8.88

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

Barometric Pressure1: 755 mmHg

Winkler titrated BOD fluid DO reading1: 8.92

After Incubation

Meter Calibration2: 9.29

Zero DO Reading2: 0.05 mg/L (<=0.2 Criteria)

Barometric Pressure2: 765 mmHg

Winkler titrated BOD fluid DO reading2: 8.64



QC BATCH ID: LB122362

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 14:10

TIME OUT: 15:00

DATE IN: 10/06/2022

DATE OUT: 10/11/2022

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
LB122362BL	1	No	6.80	N/A	20.20	300	8.90	8.85	0.05	0.05	0.05	
POLYSEED	1					10	8.89	5.82	3.07	0.61	0.6	
POLYSEED	2					15	8.86	4.90	3.96	0.53		
POLYSEED	3					20	8.84	2.27	6.57	0.66		
GGA	1					6	8.85	5.00	3.85	162.5	177.17	
GGA	2					6	8.84	3.77	5.07	223.5		
GGA	3					6	8.80	5.29	3.51	145.5		
N5007-06	1	No	8.03	7.10	20.60	2	8.84	7.55	-	0	22.09	pH Adjusted
N5007-06	2					10	8.83	7.40	-	0		
N5007-06	3					50	8.73	4.08	4.65	24.3		
N5007-06	4					100	8.47	1.24	7.23	19.89		
N5007-06DUP	1	No	8.03	7.10	20.60	2	8.85	7.56	-	0	21.2	pH Adjusted
N5007-06DUP	2					10	8.80	7.36	-	0		
N5007-06DUP	3					50	8.68	4.18	4.5	23.4		
N5007-06DUP	4					100	8.42	1.49	6.93	18.99		

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

WORKLIST(Hardcopy Internal Chain)

LB 122362

WorkList Name : BOD-SOL_1006

WorkList ID : 163867

Department : Wet-Chemistry

Date : 10-06-2022 13:47:35

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
10/07/2022	Water	N5007-06	BOD Soluble	Cool 4 deg C	M&MM01	C11	6CS	10/05/2022	SM5210 B

Date/Time 10/6/22 13:50
 Raw Sample Received by: SJ(WC)
 Raw Sample Relinquished by: CP(SM)

Date/Time 10/6/22 14:30
 Raw Sample Received by: CP(SM)
 Raw Sample Relinquished by: SJ(WC)