

BOD5 LOG

ANALYST: ketankumar

SUPERVISOR: mohammad

Analysis Date: 06/23/2022

QC BATCH ID: LB120857

BOD Water: WP97561

Starch: W2766

Sulfuric acid, 1N: WP94324

POLYSEED: WP97563

GGA: WP97562

Chlorine Strips: W2011

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: W2843

NaOH, 1N: WP97250

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP97024

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

Meter Calibration1: 8.84

Barometric Pressure1: 760 mmHg

Zero DO Reading1: 0.10 mg/L (≤ 0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.95

After Incubation

Meter Calibration2: 8.96

Barometric Pressure2: 765 mmHg

Zero DO Reading2: 0.10 mg/L (≤ 0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.80



QC BATCH ID: LB120857

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 15:45

TIME OUT: 12:30

DATE IN: 06/23/2022

DATE OUT: 06/28/2022

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
LB120857BL	1	No	6.0	N/A	21.20	300	8.96	8.82	0.14	0.14	0.14	
POLYSEED	1					10	8.94	4.25	4.69	0.94	0.81	
POLYSEED	2					15	8.91	3.47	5.44	0.73		
POLYSEED	3					20	8.88	1.35	7.53	0.75		
GGA	1					6	8.87	3.97	4.9	204.5	218.67	
GGA	2					6	8.83	4.58	4.25	172		
GGA	3					6	8.82	2.42	6.4	279.5		
N3437-02	1	No	7.6	N/A	21.20	0.5	8.82	7.03	-	0	538.17	
N3437-02	2					1	8.80	6.11	2.69	564		
N3437-02	3					2	8.78	4.62	4.16	502.5		
N3437-02	4					3	8.75	2.46	6.29	548		
N3446-01	1	No	6.4	N/A	18.20	5	8.81	8.18	-	0		
N3446-01	2					20	8.80	8.08	-	0		
N3446-01	3					50	8.78	7.98	-	0		
N3446-01	4					150	8.75	7.90	-	0		
N3446-01DUP	1	No	6.4	N/A	18.20	5	8.85	8.20	-	0		
N3446-01DUP	2					20	8.82	8.10	-	0		
N3446-01DUP	3					50	8.80	8.02	-	0		
N3446-01DUP	4					150	8.78	7.92	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 120857

WorkList Name : bod62322 WorkList ID : 160817 Department : Wet-Chemistry Date : 06-23-2022 12:55:04

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
06/24/2022	Water	N3446-01	BOD5	Cool 4 deg C	INFR01	D11	WEEKLY-OUTFALL-002	06/22/2022	SM5210 B
06/24/2022	Water	N3437-02	BOD5	Cool 4 deg C	ARAM01	D11	COMP	06/22/2022	SM5210 B

Date/Time 06/23/22 14:00
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: JY (WC)

Date/Time 06/23/22 15:50
 Raw Sample Received by: JY (WC)
 Raw Sample Relinquished by: KS (WC)