

BOD5 LOG

ANALYST: ketankumar

SUPERVISOR: mohammad

Analysis Date: 05/27/2022

QC BATCH ID: LB120393

BOD Water: WP97021

Starch: W2766

Sulfuric acid, 1N: WP94324

POLYSEED: WP97023

GGA: WP97022

Chlorine Strips: W2011

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: W2843

NaOH, 1N: WP94570

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: 8.92

Barometric Pressure1: 765 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.98

After Incubation

Meter Calibration2: 8.75

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.90



QC BATCH ID: LB120393

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 17:00

TIME OUT: 12:00

DATE IN: 05/27/2022

DATE OUT: 06/01/2022

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
LB120393BL	1	No	6.4	N/A	21.20	300	8.99	8.81	0.18	0.18	0.18	
POLYSEED	1					10	8.88	5.55	3.33	0.67	0.67	
POLYSEED	2					15	8.87	3.94	4.93	0.66		
POLYSEED	3					20	8.85	0.96	-	0		
GGA	1					6	8.80	4.16	4.64	198.5	196.33	
GGA	2					6	8.82	4.23	4.59	196		
GGA	3					6	8.81	4.25	4.56	194.5		
N3092-01	1	No	6.05	N/A	20.20	5	8.84	0.35	-	0		
N3092-01	2					20	8.63	0.31	-	0		
N3092-01	3					50	8.00	0.27	-	0		
N3092-01	4					150	5.49	0.25	-	0		
N3092-01DUP	1	No	6.05	N/A	20.20	5	8.85	0.38	-	0		
N3092-01DUP	2					20	8.65	0.35	-	0		
N3092-01DUP	3					50	8.02	0.30	-	0		
N3092-01DUP	4					150	5.50	0.28	-	0		
N3093-01	1	No	6.10	N/A	20.30	5	8.78	0.32	-	0		
N3093-01	2					20	8.52	0.27	-	0		
N3093-01	3					50	7.74	0.26	-	0		
N3093-01	4					150	5.48	0.24	-	0		
N3093-02	1	No	6.18	N/A	20.40	5	8.80	0.28	-	0		
N3093-02	2					20	8.63	0.22	-	0		
N3093-02	3					50	8.01	0.21	-	0		
N3093-02	4					150	6.02	0.20	-	0		
N3094-01	1	No	6.25	N/A	20.50	5	8.76	0.22	-	0		
N3094-01	2					20	8.56	0.19	-	0		
N3094-01	3					50	7.92	0.15	-	0		
N3094-01	4					150	5.52	0.14	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB120393

WorkList Name : bod52722 WorkList ID : 160062 Department : Wet-Chemistry Date : 05-27-2022 14:27:13

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
05/28/2022	Water	N3092-01	✓ BOD5	Cool 4 deg C	GARD04	N11	220526029-01	05/26/2022	SM5210 B
05/28/2022	Water	N3093-01	✓ BOD5	Cool 4 deg C	GARD04	N11	220526030-01-MENDEZ-F-OUTFALL	05/26/2022	SM5210 B
05/28/2022	Water	N3093-02	✓ BOD5	Cool 4 deg C	GARD04	N11	220526030-02-MENDEZ-SILZER-OUTFALL	05/26/2022	SM5210 B
05/28/2022	Water	N3094-01	✓ BOD5	Cool 4 deg C	GARD04	N11	220526031-01	05/26/2022	SM5210 B

Date/Time 05/27/22 16:00
 Raw Sample Received by: RS(WC)
 Raw Sample Relinquished by: [Signature]

Date/Time 05/27/22 17:10
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: RS(WC)