

BOD5 LOG

ANALYST: ketankumar

SUPERVISOR: mohammad

Analysis Date: 06/02/2022

QC BATCH ID: LB120465

BOD Water: WP97099

Starch: W2766

Sulfuric acid, 1N: WP94324

POLYSEED: WP97101

GGA: WP97100

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: 8.70

Barometric Pressure1: 765 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.90

After Incubation

Meter Calibration2: 8.90

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: LB120465

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 13:10

TIME OUT: 12:00

DATE IN: 06/02/2022

DATE OUT: 06/07/2022

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
LB120465BL	1	No	6.4	N/A	21.20	300	8.88	8.78	0.1	0.1	0.1	
POLYSEED	1					10	8.87	3.40	5.47	1.09	1.04	
POLYSEED	2					15	8.86	1.53	7.33	0.98		
POLYSEED	3					20	8.81	0.25	-	0		
GGA	1					6	8.80	4.25	4.55	175.5	210	
GGA	2					6	8.78	3.90	4.88	192		
GGA	3					6	8.78	2.49	6.29	262.5		
N3146-01	1	No	7.94	N/A	20.10	5	8.74	0.22	-	0		
N3146-01	2					20	8.48	0.13	-	0		
N3146-01	3					50	7.81	0.12	-	0		
N3146-01	4					150	5.20	0.09	-	0		
N3146-01DUP	1	No	7.94	N/A	20.10	5	8.75	0.25	-	0		
N3146-01DUP	2					20	8.50	0.15	-	0		
N3146-01DUP	3					50	7.82	0.13	-	0		
N3146-01DUP	4					150	5.22	0.10	-	0		
N3149-01	1	No	6.89	N/A	20.10	5	8.78	4.99	3.79	165	117.75	
N3149-01	2					20	8.67	2.93	5.74	70.5		
N3149-01	3					50	8.37	0.15	-	0		
N3149-01	4					150	7.00	0.12	-	0		
N3150-01	1	No	6.72	N/A	20.20	5	8.74	0.18	-	0		
N3150-01	2					20	8.48	0.10	-	0		
N3150-01	3					50	7.79	0.08	-	0		
N3150-01	4					150	5.15	0.07	-	0		
N3154-02	1	No	6.59	N/A	22.50	0.5	8.78	7.45	-	0	239.75	
N3154-02	2					1	8.76	6.91	-	0		
N3154-02	3					2	8.75	6.24	2.51	220.5		
N3154-02	4					3	8.73	5.10	3.63	259		
N3155-01	1	No	8.29	7.20	22.80	5	8.85	8.03	-	0		pH Adjusted
N3155-01	2					20	8.83	8.02	-	0		
N3155-01	3					50	8.81	7.90	-	0		
N3155-01	4					150	8.75	7.27	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB120465

WorkList Name : bod6222 **WorkList ID :** 160180 **Department :** Wet-Chemistry **Date :** 06-02-2022 11:40:54

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
06/02/2022	Water	N3146-01	✓ BOD5	Cool 4 deg C	GARD04	N11	220531044-02	05/31/2022	SM5210 B
06/02/2022	Water	N3149-01	✓ BOD5	Cool 4 deg C	GARD04	N11	220531048-01	05/30/2022	SM5210 B
06/02/2022	Water	N3150-01	✓ BOD5	Cool 4 deg C	GARD04	N11	220531044-01	05/31/2022	SM5210 B
06/03/2022	Water	N3154-02	✓ BOD5	Cool 4 deg C	ARAM01		COMP	06/01/2022	SM5210 B
06/03/2022	Water	N3155-01	✓ BOD5	Cool 4 deg C	INFR01	N11	MONTHLY-OUTFALL-002	06/01/2022	SM5210 B

Date/Time 06/02/22 12:15
Raw Sample Received by: KS(wc)
Raw Sample Relinquished by: KS(wc)

Date/Time 06/02/22 13:15
Raw Sample Received by: KS(wc)
Raw Sample Relinquished by: KS(wc)