



CBOD5 LOG

ANALYST: jignesh

SUPERVISOR: Sohil

Analysis Date: 08/31/2022

QC BATCH ID: LB121823

BOD Water: WP98790

Starch: W2766

Sulfuric acid, 1N: WP94324

POLYSEED: WP98792

GGA: WP98791

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: WP98094

Nitrification Inhibitor: W2792

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.6	8.6	8.7
WINKLER 2	WINKLER 2	2	300	8.6	17.4	8.8	8.7

Meter Calibration1: 8.66

Barometric Pressure1: 750 mmHg

Zero DO Reading1: 0.07 mg/L (≤ 0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.95

After Incubation

Meter Calibration2: 8.81

Barometric Pressure2: 760 mmHg

Zero DO Reading2: 0.03 mg/L (≤ 0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.10



QC BATCH ID: LB121823

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 11:00

TIME OUT: 10:00

DATE IN: 08/31/2022

DATE OUT: 09/05/2022

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
LB121823BL	1	No	6.0	N/A	20.90	300	8.98	8.84	0.14	0.14	0.14	
POLYSEED	1					10	8.92	3.64	5.28	1.06	0.89	
POLYSEED	2					15	8.89	2.35	6.54	0.87		
POLYSEED	3					20	8.88	1.38	7.5	0.75		
GGA	1					6	8.93	3.41	5.52	231.5	221.67	
GGA	2					6	8.92	3.78	5.14	212.5		
GGA	3					6	8.89	3.58	5.31	221		
N4437-01	1	No	6.68	N/A	20.90	5	8.90	7.39	-	0		
N4437-01	2					20	8.91	7.27	-	0		
N4437-01	3					50	8.87	6.97	-	0		
N4437-01	4					150	8.86	7.64	-	0		
N4437-01DUP	1	No	6.69	N/A	20.90	5	8.89	7.42	-	0		
N4437-01DUP	2					20	8.87	7.30	-	0		
N4437-01DUP	3					50	8.86	6.99	-	0		
N4437-01DUP	4					150	8.85	7.66	-	0		
N4437-02	1	No	6.65	N/A	21.00	5	8.93	7.68	-	0		
N4437-02	2					20	8.91	7.58	-	0		
N4437-02	3					50	8.86	7.41	-	0		
N4437-02	4					150	8.82	7.22	-	0		
N4452-01	1	No	6.63	N/A	20.10	5	8.94	7.72	-	0		
N4452-01	2					20	8.90	7.30	-	0		
N4452-01	3					50	8.87	7.21	-	0		
N4452-01	4					150	8.82	6.84	-	0		

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