



CBOD5 LOG

ANALYST: jignesh

SUPERVISOR: ketankumar

QC BATCH ID: LB120356

Analysis Date: 05/25/2022

BOD Water: WP96959

MANGANOUS SULFATE SOLUTION: W2767

Starch: W2766

Alkaline Iodide Azide: W2742

Sulfuric acid, 1N: WP94324

Sodium Thiosulfate, 0.025N: W2843

POLYSEED: WP96961

NaOH, 1N: WP94570

GGA: WP96960

IncubatorID: INCUBATOR #3

Chlorine Strips: W2011

GuageID: 0511064

pH Strips: W2716

Zero DO: WP96459

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	8.9	8.9	8.95
WINKLER 2	WINKLER 2	2	300	8.9	17.9	9	8.95

Meter Calibration1: 8.92

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

Barometric Pressure1: 765 mmHg

Winkler titrated BOD fluid DO reading1: 8.99

After Incubation

Meter Calibration2: 9.15

Zero DO Reading2: 0.04 mg/L (≤ 0.2 Criteria)

Barometric Pressure2: 8.85 mmHg

Winkler titrated BOD fluid DO reading2: 765



QC BATCH ID: LB120356

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 17:15

TIME OUT: 11:00

DATE IN: 05/25/2022

DATE OUT: 05/30/2022

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
LB120356BL	1	No	6.4	N/A	21.20	300	8.98	8.84	0.14	0.14	0.14	
POLYSEED	1					10	8.95	4.86	4.09	0.82	0.74	
POLYSEED	2					15	8.93	2.16	6.77	0.9		
POLYSEED	3					20	8.90	3.87	5.03	0.5		
GGA	1					6	8.87	4.33	4.54	190	194.5	
GGA	2					6	8.88	4.33	4.55	190.5		
GGA	3					6	8.86	4.06	4.8	203		
N3036-01	1	No	6.95	N/A	21.20	5	8.87	5.48	3.39	159	159	
N3036-01	2					20	8.60	0.19	-	0		
N3036-01	3					50	7.86	0.14	-	0		
N3036-01	4					150	5.06	0.14	-	0		
N3036-01DUP	1	No	6.95	N/A	21.20	5	8.90	5.50	3.4	159.6	159.6	
N3036-01DUP	2					20	8.62	0.22	-	0		
N3036-01DUP	3					50	7.88	0.13	-	0		
N3036-01DUP	4					150	5.08	0.11	-	0		
N3036-02	1	No	7.77	N/A	20.30	5	8.95	8.52	-	0	8.68	
N3036-02	2					20	8.93	8.26	-	0		
N3036-02	3					50	8.92	7.64	-	0		
N3036-02	4					150	8.90	3.82	5.08	8.68		

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

WORKLIST(Hardcopy Internal Chain)

AB 120356

WorkList Name : cbod52522 WorkList ID : 159976 Department : Wet-Chemistry Date : 05-25-2022 12:24:56

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
05/26/2022	Water	N3036-01	✓ CBOD5	Cool 4 deg C	GARD04	N11	220524029-01-RAW	05/24/2022	SM5210 B
05/26/2022	Water	N3036-02	✓ CBOD5	Cool 4 deg C	GARD04	N11	220524029-02-FINAL	05/24/2022	SM5210 B

Date/Time 05/25/22 15:00
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: KS(wc)

Date/Time 05/25/22
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: KS(wc)