



CBOD5 LOG

ANALYST: jignesh

SUPERVISOR: Sohil

QC BATCH ID: LB121622

Analysis Date: 08/20/2022

BOD Water: WP98549

MANGANOUS SULFATE SOLUTION: W2767

Starch: W2766

Alkaline Iodide Azide: W2742

Sulfuric acid, 1N: WP94324

Sodium Thiosulfate, 0.025N: W2843

POLYSEED: WP98551

NaOH, 1N: WP97250

GGA: WP98550

IncubatorID: INCUBATOR #3

Chlorine Strips: W2011

GuageID: 0511064

pH Strips: W2716

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	8.90	8.9	8.95
WINKLER 2	WINKLER 2	2	300	8.90	17.9	9	8.95

Meter Calibration1: 8.89

Zero DO Reading1: 0.08 mg/L (≤ 0.2 Criteria)

Barometric Pressure1: 765 mmHg

Winkler titrated BOD fluid DO reading1: 8.95

After Incubation

Meter Calibration2: 8.82

Zero DO Reading2: 0.09 mg/L (≤ 0.2 Criteria)

Barometric Pressure2: 760 mmHg

Winkler titrated BOD fluid DO reading2: 8.80



QC BATCH ID: LB121622

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 11:00

TIME OUT: 10:00

DATE IN: 08/20/2022

DATE OUT: 08/25/2022

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
LB121622BL	1	No	6.0	N/A	20.80	300	8.97	8.87	0.1	0.1	0.1	
POLYSEED	1					10	8.94	3.29	5.65	1.13	0.94	
POLYSEED	2					15	8.92	2.18	6.74	0.9		
POLYSEED	3					20	8.90	1.10	7.8	0.78		
GGA	1					6	8.86	3.84	5.02	204	211.83	
GGA	2					6	8.87	3.70	5.17	211.5		
GGA	3					6	8.85	3.51	5.34	220		
N4277-02	1	No	6.92	N/A	23.10	5	8.36	7.78	-	0		
N4277-02	2					20	8.32	7.51	-	0		
N4277-02	3					50	8.27	7.40	-	0		
N4277-02	4					150	8.01	7.22	-	0		
N4277-03	1	No	6.74	N/A	23.20	5	8.40	7.76	-	0		
N4277-03	2					20	8.36	7.60	-	0		
N4277-03	3					50	8.30	7.51	-	0		
N4277-03	4					150	8.10	7.38	-	0		
N4277-03DUP	1	No	6.74	N/A	23.20	5	8.42	7.79	-	0		
N4277-03DUP	2					20	8.38	7.63	-	0		
N4277-03DUP	3					50	8.32	7.54	-	0		
N4277-03DUP	4					150	8.12	7.39	-	0		

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

WORKLIST(Hardcopy Internal Chain)

VB 121622

WorkList Name : cbod n4277

WorkList ID : 162472

Department : Wet-Chemistry

Date : 08-20-2022 09:50:17

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
08/21/2022	Water	N4277-02	CBOD5	Cool 4 deg C	TECT01	K11	B-1	08/19/2022	SM5210 B
08/21/2022	Water	N4277-03	CBOD5	Cool 4 deg C	TECT01	K11	U-2	08/19/2022	SM5210 B

Date/Time 08/20/22 10:00

Raw Sample Received by: 1016001

Raw Sample Relinquished by: CP son

Date/Time 08/20/22 15:00

Raw Sample Received by: CP son

Raw Sample Relinquished by: 1016001