



CBOD5 LOG

ANALYST: jignesh

SUPERVISOR: Iwona

QC BATCH ID: LB121270

Analysis Date: 07/28/2022

BOD Water: WP98090

MANGANOUS SULFATE SOLUTION: W2767

Starch: W2766

Alkaline Iodide Azide: W2742

Sulfuric acid, 1N: WP94324

Sodium Thiosulfate, 0.025N: W2843

POLYSEED: WP98093

NaOH, 1N: WP97250

GGA: WP98091

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

Meter Calibration1: 8.82

Zero DO Reading1: 0.09 mg/L (≤ 0.2 Criteria)

Barometric Pressure1: 8.90 mmHg

Winkler titrated BOD fluid DO reading1: 8.90

After Incubation

Meter Calibration2: 8.90

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

Barometric Pressure2: 765 mmHg

Winkler titrated BOD fluid DO reading2: 8.80



QC BATCH ID: LB121270

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 17:30

TIME OUT: 11:30

DATE IN: 07/28/2022

DATE OUT: 08/02/2022

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
LB121270BL	1	No	6.4	N/A	21.20	300	8.90	8.69	0.21	0.21	0.21	
POLYSEED	1					10	8.87	4.33	4.54	0.91	0.86	
POLYSEED	2					15	8.85	2.18	6.67	0.89		
POLYSEED	3					20	8.83	1.09	7.74	0.77		
GGA	1					6	8.81	3.44	5.37	225.5	213	
GGA	2					6	8.87	3.78	5.09	211.5		
GGA	3					6	8.83	3.93	4.9	202		
N3969-01	1	No	8.20	7.20	20.50	5	8.86	8.43	-	0		pH Adjusted
N3969-01	2					20	8.84	8.11	-	0		
N3969-01	3					50	8.43	8.01	-	0		
N3969-01	4					150	7.30	6.44	-	0		
N3969-01DUP	1	No	8.20	7.20	20.50	5	8.88	8.45	-	0		pH Adjusted
N3969-01DUP	2					20	8.85	8.13	-	0		
N3969-01DUP	3					50	8.45	8.03	-	0		
N3969-01DUP	4					150	7.32	6.46	-	0		

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

LB121270

WORKLIST(Hardcopy Internal Chain)

WorkList Name : cbod72822 WorkList ID : 161776 Department : Wet-Chemistry Date : 07-28-2022 15:47:27

Due Date		Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location		Customer Sample	Collect Date	Method
07/30/2022	Water	N3969-01	CBOD5		Cool 4 deg C	DIST01	N11	CHAMBERS-STREET-A3-9065X-MH		07/28/2022	SM5210 B

Date/Time 07/28/22 16:50
Raw Sample Received by: KS(wc)
Raw Sample Relinquished by: KS(wc)

Date/Time 07/28/22 17:35
Raw Sample Received by: KS(wc)
Raw Sample Relinquished by: KS(wc)