



CBOD5 LOG

ANALYST: ketankumar

SUPERVISOR: Iwona

Analysis Date: 06/01/2022

QC BATCH ID: LB120468

BOD Water: WP97102

Starch: W2766

Sulfuric acid, 1N: WP94324

POLYSEED: WP97104

GGA: WP97103

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

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: 8.80

Barometric Pressure1: 760 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.85

After Incubation

Meter Calibration2: 8.98

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.20



QC BATCH ID: LB120468

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 17:50

TIME OUT: 11:30

DATE IN: 06/01/2022

DATE OUT: 06/06/2022

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
LB120468BL	1	No	6.4	N/A	21.20	300	8.80	8.25	0.55	0.55	0.55	
POLYSEED	1					10	8.78	4.25	4.53	0.91	0.78	
POLYSEED	2					15	8.75	3.52	5.23	0.7		
POLYSEED	3					20	8.73	1.32	7.41	0.74		
GGA	1					6	8.76	4.50	4.26	174	187.33	
GGA	2					6	8.75	4.62	4.13	167.5		
GGA	3					6	8.77	3.58	5.19	220.5		
N3147-01	1	No	7.03	N/A	20.20	5	8.68	7.32	-	0	49.95	
N3147-01	2					20	8.47	4.36	4.11	49.95		
N3147-01	3					50	7.88	0.66	-	0		
N3147-01	4					150	5.40	0.31	-	0		
N3147-01DUP	1	No	7.03	N/A	20.20	5	8.70	7.35	-	0	49.8	
N3147-01DUP	2					20	8.50	4.40	4.1	49.8		
N3147-01DUP	3					50	7.90	0.70	-	0		
N3147-01DUP	4					150	5.42	0.35	-	0		
N3148-01	1	No	7.30	N/A	20.20	5	8.75	8.00	-	0	3.16	
N3148-01	2					20	8.73	7.80	-	0		
N3148-01	3					50	8.70	7.62	-	0		
N3148-01	4					150	8.68	6.32	2.36	3.16		

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

LB 120468

WORKLIST(Hardcopy Internal Chain)

WorkList Name : cbod6222 WorkList ID : 160189 Department : Wet-Chemistry Date : 06-01-2022 14:54:16

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
06/02/2022	Water	N3147-01	CBOD5	Cool 4 deg C	GARD04	N11	220531066-01	05/31/2022	SM5210 B
06/02/2022	Water	N3148-01	CBOD5	Cool 4 deg C	GARD04	N11	220531066-03	05/31/2022	SM5210 B

Date/Time 06/01/22 17:00
Raw Sample Received by: KS(wc)
Raw Sample Relinquished by: KS(wc)

Date/Time 06/01/22 18:00
Raw Sample Received by: KS(wc)
Raw Sample Relinquished by: KS(wc)