



CBOD5 LOG

ANALYST: Alexander

SUPERVISOR: apatel

Analysis Date: 04/09/2021

QC BATCH ID: LB113920

BOD Water: WP90460

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: WP90463

GGA: WP90461

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: WP90315

NaOH, 1N: WP89214

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP90097

Nitrification Inhibitor: W2791

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.8	8.8	8.8
WINKLER 2	WINKLER 2	2	300	8.8	17.6	8.8	8.8

Meter Calibration1: 8.92

Barometric Pressure1: 760 mmHg

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

Winkler titrated BOD fluid DO reading1: 8.98

After Incubation

Meter Calibration2: 8.99

Barometric Pressure2: 765 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.90



QC BATCH ID: LB113920

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 16:30

TIME OUT: 11:00

DATE IN: 04/09/2021

DATE OUT: 04/14/2021

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
LB113920BL	1	No	6.0	N/A	21.20	300	8.87	8.86	0.01	0.01	0.01	
POLYSEED	1					10	8.73	5.59	3.14	0.63	0.65	
POLYSEED	2					15	8.70	4.42	4.28	0.57		
POLYSEED	3					20	8.70	1.21	7.49	0.75		
GGA	1					6	8.59	2.98	5.61	248	199.67	
GGA	2					6	8.59	4.44	4.15	175		
GGA	3					6	8.56	4.39	4.17	176		
M1990-01	1	No	6.8	N/A	17.20	5	8.45	8.31	-	0		
M1990-01	2					20	8.43	8.21	-	0		
M1990-01	3					50	8.42	7.90	-	0		
M1990-01	4					150	8.40	6.96	-	0		
M1990-01DUP	1	No	6.8	N/A	17.20	5	8.44	8.33	-	0		
M1990-01DUP	2					20	8.40	8.24	-	0		
M1990-01DUP	3					50	8.39	7.92	-	0		
M1990-01DUP	4					150	8.38	6.99	-	0		
M2007-01	1	No	6.4	N/A	18.20	5	8.44	8.24	-	0		
M2007-01	2					20	8.37	7.76	-	0		
M2007-01	3					50	8.35	7.61	-	0		
M2007-01	4					150	8.34	8.28	-	0		
M2007-02	1	No	6.4	N/A	17.20	5	8.42	8.33	-	0		
M2007-02	2					20	8.40	8.26	-	0		
M2007-02	3					50	8.39	7.76	-	0		
M2007-02	4					150	8.38	7.63	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB113920

WorkList Name : CBOD4921 WorkList ID : 147899 Department : Wet-Chemistry Date : 04-09-2021 11:09:12

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/10/2021	Water	M1990-01	CBOD5	Cool 4 deg C	TULL02		ELEVATOR-PIT-STANDIN	04/08/2021	SM5210 B
04/11/2021	Water	M2007-01	CBOD5	Cool 4 deg C	DIST01		55-ST-31	04/09/2021	SM5210 B
04/11/2021	Water	M2007-02	CBOD5	Cool 4 deg C	DIST01		37-ST-2021	04/09/2021	SM5210 B

Date/Time 04/09/21 15:20
 Raw Sample Received by: KS (webchem)
 Raw Sample Relinquished by: AM (webchem)

Date/Time 04/09/21 16:30
 Raw Sample Received by: AM (webchem)
 Raw Sample Relinquished by: KS (webchem)