



CBOD5 LOG

ANALYST: Alexander

SUPERVISOR: apatel

Analysis Date: 03/12/2021

QC BATCH ID: LB113501

BOD Water: WP89930

Starch: W2703

Sulfuric acid, 1N: WP88863

POLYSEED: WP89931

GGA: WP89932

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: WP88904

NaOH, 1N: WP89699

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP89913

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	9.1	9.1	9
WINKLER 2	WINKLER 2	2	300	9.1	18.0	8.9	9

Meter Calibration1: 8.77

Barometric Pressure1: 765 mmHg

Zero DO Reading1: 0.04 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.89

After Incubation

Meter Calibration2: 8.82

Barometric Pressure2: 771 mmHg

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

Winkler titrated BOD fluid DO reading2: 8.87



QC BATCH ID: LB113501

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 16:10

TIME OUT: 10:30

DATE IN: 03/12/2021

DATE OUT: 03/17/2021

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
LB113501BL	1	No	6.0	N/A	21.10	300	8.89	8.83	0.06	0.06	0.06	
POLYSEED	1					10	8.87	4.68	4.19	0.84	0.76	
POLYSEED	2					15	8.86	3.18	5.68	0.76		
POLYSEED	3					20	8.85	2.07	6.78	0.68		
GGA	1					6	8.84	4.22	4.62	193	203	
GGA	2					6	8.83	3.93	4.9	207		
GGA	3					6	8.83	3.89	4.94	209		
M1677-03	1	No	12.0	7.2	20.60	5	8.88	8.80	-	0		pH Adjusted
M1677-03	2					20	8.87	8.78	-	0		
M1677-03	3					50	8.85	8.65	-	0		
M1677-03	4					150	8.84	8.01	-	0		
M1677-03DUP	1	No	12.0	7.2	20.60	5	8.88	8.86	-	0		pH Adjusted
M1677-03DUP	2					20	8.86	8.82	-	0		
M1677-03DUP	3					50	8.85	8.62	-	0		
M1677-03DUP	4					150	8.84	8.07	-	0		

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

LB113501

WORKLIST(Hardcopy Internal Chain)

WorkList Name : CBOD-31221 WorkList ID : 147110 Department : Wet-Chemistry Date : 03-12-2021 12:17:57

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/14/2021	Water	M1677-03	CBOD5	Cool 4 deg C	TULL02		D2470-D2800(WATER)	03/12/2021	SM5210 B

Date/Time 3/12/2021 15:00
Received by: AMCWet-chem
Relinquished by: KS (Wetchem)

Date/Time 3/12/2021 16:20
Received by: KS (Wetchem)
Relinquished by: AMCWet-chem