



BOD5 LOG

ANALYST: Alexander

SUPERVISOR: apatel

Analysis Date: 03/12/2021

QC BATCH ID: LB113500

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

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: LB113500

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
LB113500BL	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	204.17	
GGA	2					6	8.83	3.93	4.9	207		
GGA	3					6	8.83	3.82	5.01	212.5		
M1643-01	1	No	6.4	N/A	21.20	5	8.88	8.79	-	0		
M1643-01	2					20	8.87	8.18	-	0		
M1643-01	3					50	8.87	8.11	-	0		
M1643-01	4					150	8.87	8.32	-	0		
M1651-01	1	No	6.4	N/A	20.90	1	8.88	8.11	-	0	90.75	
M1651-01	2					2	8.87	7.71	-	0		
M1651-01	3					5	8.83	6.52	2.31	93		
M1651-01	4					20	8.60	1.94	6.66	88.5		
M1651-01DUP	1	No	6.4	N/A	20.90	1	8.88	8.10	-	0	93.68	
M1651-01DUP	2					2	8.87	7.70	-	0		
M1651-01DUP	3					5	8.80	6.45	2.35	95.4		
M1651-01DUP	4					20	8.61	1.72	6.89	91.95		

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

28113500

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-31221

WorkList ID : 147091

Department : Wet-Chemistry

Date : 03-12-2021 08:52:32

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/13/2021	Water	M1643-01 A	BOD5	Cool 4 deg C	PHAR02	J32	32220008-3	03/11/2021	SM5210 B
03/13/2021	Water	M1651-01 A	BOD5	Cool 4 deg C	PHAR02	J41	15220012-1	03/11/2021	SM5210 B

Date/Time

3/12/2021 15:00

Received by:

AMC(wet-chem)

Relinquished by:

KS (wet-chem)

Date/Time

3/12/2021 16:20

Received by:

KS (wet-chem)

Relinquished by:

AMC(wet-chem)