



BOD5 LOG

ANALYST: Alexander

SUPERVISOR: apatel

Analysis Date: 12/24/2020

QC BATCH ID: LB112530

BOD Water: WP88764

Starch: W2703

Conc Sulfuric Acid: W2609

POLYSEED: WP88766

GGA: WP88765

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: WP87313

NaOH, 0.25N: WP86593

IncubatorID: INCUBATOR #3

GuageID: AZ55971

Zero DO: WP88411

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.5	8.5	8.6
WINKLER 2	WINKLER 2	2	300	8.5	17.2	8.7	8.6

Meter Calibration1: 8.84

Barometric Pressure1: 765 mmHg

Zero DO Reading1: 0.07 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.74

After Incubation

Meter Calibration2: 8.67

Barometric Pressure2: 765 mmHg

Zero DO Reading2: 0.06 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.71



QC BATCH ID: LB112530

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 12:00

TIME OUT: 09:55

DATE IN: 12/24/2020

DATE OUT: 12/29/2020

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
LB112530BL	1	No	6.0	N/A	21.10	300	8.74	8.60	0.14	0.14	0.14	
POLYSEED	1					10	8.68	4.48	4.2	0.84	0.77	
POLYSEED	2					15	8.67	3.08	5.59	0.75		
POLYSEED	3					20	8.66	1.38	7.28	0.73		
GGA	1					6	8.66	4.38	4.28	175.5	175.5	
GGA	2					6	8.65	4.17	4.48	185.5	185.5	
GGA	3					6	8.65	3.72	4.93	208	208	
L5202-02	1	No	6.0	N/A	20.80	0.5	8.72	7.37	-	0	199.5	
L5202-02	2					1	8.71	7.16	-	0		
L5202-02	3					2	8.71	6.56	2.15	207		
L5202-02	4					3	8.71	6.02	2.69	192		
L5202-02DUP	1	No	6.0	N/A	20.80	0.5	8.72	7.64	-	0	179	
L5202-02DUP	2					1	8.70	7.30	-	0		
L5202-02DUP	3					2	8.70	6.70	-	0		
L5202-02DUP	4					3	8.70	6.14	2.56	179		

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

WORKLIST(Hardcopy Internal Chain)

LB

WorkList Name : BOD122420 WorkList ID : 145228 Department : Wet-Chemistry Date : 12-24-2020 08:56:24

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
12/25/2020	Water	L5202-02 -P	BOD5	Cool 4 deg C	ARAM01	M33	COMP	12/23/2020	SM5210 B

Date/Time 12-24-2020 10:50
 Received by: JG/W4 (chem)
 Relinquished by: KS (Wetchem)

Date/Time 12-24-2020 12:05
 Received by: KS (Wetchem)
 Relinquished by: AP (wet) Chem