



BOD5 LOG

Analysis Date: 11/13/2020

QC BATCH ID: LB111972

ANALYST: Alexander

BOD Water: WP88170

SUPERVISOR: apatel

Starch: W2703

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2609

Alkaline Iodide Azide: W2742

POLYSEED: WP88171

Sodium Thiosulfate, 0.025N: WP87313

GGA: WP88172

NaOH, 0.25N: WP86593

Chlorine Strips: W2543

IncubatorID: INCUBATOR #3

pH Strips: W2716

Zero DO: WP87426

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	8.8
WINKLER 2	WINKLER 2	2	300	8.9	17.6	8.7	8.8

Meter Calibration1 : 8.80

Zero DO Reading1 : 0.03 mg/L (<=0.2 Criteria)

After Incubation

Meter Calibration2 : 8.80

Zero DO Reading2 : 0.02 mg/L (<=0.2 Criteria)



QC BATCH ID: LB111972

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 17:37

TIME OUT: 13:00

DATE IN: 11/13/2020

DATE OUT: 11/18/2020

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
LB111972BL	1	No	6.0	N/A	21.70	300	8.80	8.80	0	0	0	
POLYSEED	1					10	8.70	5.09	3.61	0.72	0.75	
POLYSEED	2					15	8.68	3.01	5.67	0.76		
POLYSEED	3					20	8.67	1.01	7.66	0.77		
GGA	1					6	8.70	4.38	4.32	178.5	178.5	
GGA	2					6	8.68	3.96	4.72	198.5	198.5	
GGA	3					6	8.68	4.01	4.67	196	196	
L4752-01	1	No	7.2	N/A	21.40	0.5	8.70	8.07	-	0	100.2	
L4752-01	2					1	8.70	7.91	-	0		
L4752-01	3					2	8.68	7.59	-	0		
L4752-01	4					5	8.65	5.88	2.77	121.2		
L4752-01	5					10	8.61	5.22	3.39	79.2		
L4752-01DUP	1	No	7.2	N/A	21.40	0.5	8.70	8.10	-	0	98.7	
L4752-01DUP	2					1	8.69	7.93	-	0		
L4752-01DUP	3					2	8.67	7.60	-	0		
L4752-01DUP	4					5	8.64	5.90	2.74	119.4		
L4752-01DUP	5					10	8.60	5.25	3.35	78		
L4752-05	1	No	4.5	7.2	21.40	0.01	8.65	7.97	-	0	9900	pH Adjusted
L4752-05	2					0.05	8.65	7.33	-	0		
L4752-05	3					0.1	8.63	4.58	4.05	9900		
L4752-05	4					0.5	8.63	0.34	-	0		
L4752-05	5					1	8.60	0.13	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-111320 WorkList ID : 144153 Department : Wet-Chemistry Date : 11-13-2020 16:36:03

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
11/14/2020	Water	L4752-01 C	BOD5	Cool 4 deg C	HOLL01	F61	EFFLUENT	11/12/2020	SM5210 B
11/14/2020	Water	L4752-05 B	BOD5	Cool 4 deg C	HOLL01	F61	INFLUENT	11/12/2020	SM5210 B

Date/Time
Received by:
Relinquished by:

11/13/2020 16:40
AmCwet-Chem
JP (Wet-Chem)

Date/Time
Received by:
Relinquished by:

11/13/2020 17:50
JP (Wet-Chem)
AmCwet-Chem