



BOD5 LOG

Analysis Date: 02/07/2020

QC BATCH ID: LB107629

ANALYST: Alexander

BOD Water: WP81936

SUPERVISOR: apatel

Starch: W2379

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2609

Alkaline Iodide Azide: W2472

POLYSEED: WP81938

Sodium Thiosulfate, 0.025N: WP80247

GGA: WP81939

NaOH, 0.25N: WP80974

Chlorine Strips: W2430

IncubatorID: INCUBATOR #3

pH Strips: W2644

Zero DO: WP81261

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	8.7
WINKLER 2	WINKLER 2	2	300	8.5	17.4	8.9	8.7

Meter Calibration1 : 8.70

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

After Incubation

Meter Calibration2 : 8.70

Zero DO Reading2 : 0.04 mg/L (<=0.2 Criteria)

QC BATCH ID: LB107629

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 13:10

TIME OUT: 10:05

DATE IN: 02/07/2020

DATE OUT: 02/12/2020

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
LB107629BL	1	No	6.0	N/A	21.10	300	8.69	8.51	0.18	0.18	0.18	
POLYSEED	1					10	8.58	5.21	3.37	0.67	0.64	
POLYSEED	2					15	8.46	3.74	4.72	0.63		
POLYSEED	3					20	8.37	2.08	6.29	0.63		
GGA	1					6	8.60	4.14	4.46	191	191	
GGA	2					6	8.59	4.10	4.49	192.5	192.5	
GGA	3					6	8.59	4.07	4.52	194	194	
L1410-01	1	No	6.8	N/A	20.70	0.5	8.62	8.08	-	0	109.2	
L1410-01	2					1	8.62	7.80	-	0		
L1410-01	3					2	8.62	7.73	-	0		
L1410-01	4					5	8.62	7.70	-	0		
L1410-01	5					10	8.58	4.30	4.28	109.2		
L1410-02	1	No	6.8	N/A	20.70	0.5	8.63	8.18	-	0	98.1	
L1410-02	2					1	8.63	7.38	-	0		
L1410-02	3					2	8.60	7.10	-	0		
L1410-02	4					5	8.59	6.82	-	0		
L1410-02	5					10	8.53	4.62	3.91	98.1		
L1426-01	1	No	6.0	N/A	21.20	0.1	8.62	7.34	-	0	1011	
L1426-01	2					0.5	8.62	6.08	2.54	1140		
L1426-01	3					1	8.60	5.02	3.58	882		
L1426-01	4					5	8.62	0.12	-	0		
L1426-01	5					20	8.47	0.08	-	0		
L1428-01	1	No	9.2	7.2	21.10	0.5	8.60	6.72	-	0	411	pH Adjusted
L1428-01	2					1	8.60	6.59	2.01	411		
L1428-01	3					5	8.57	0.12	-	0		
L1428-01	4					20	8.56	0.09	-	0		
L1428-01	5					50	8.45	0.06	-	0		
L1430-01	1	No	7.2	N/A	20.30	5	8.62	8.57	-	0	6.63	
L1430-01	2					20	8.61	8.47	-	0		
L1430-01	3					50	8.57	6.45	2.12	8.88		
L1430-01	4					150	8.46	5.63	2.83	4.38		
L1434-02	1	No	7.2	N/A	21.10	0.5	8.58	6.82	-	0	538.8	
L1434-02	2					1	8.51	5.60	2.91	681		
L1434-02	3					5	8.34	1.09	7.25	396.6		
L1434-02	4					20	7.70	0.09	-	0		
L1434-02DUP	1	No	7.2	N/A	21.10	0.5	8.57	6.77	-	0	535.2	
L1434-02DUP	2					1	8.52	5.63	2.89	675		
L1434-02DUP	3					5	8.35	1.12	7.23	395.4		
L1434-02DUP	4					20	7.79	0.07	-	0		

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

LB107629 WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-2072020

WorkList ID : 135803

Department : Wet-Chemistry

Date : 02-06-2020 16:35:22

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/07/2020	Water	L1410-01 <u>C</u>	BOD5	Cool 4 deg C	TULL01	L31	001-WILLETS-PT-BLVD-(FEB)	02/05/2020	SM5210 B
02/07/2020	Water	L1410-02 <u>F</u>	BOD5	Cool 4 deg C	TULL01	L31	002-35TH-AVE-(FEB)	02/05/2020	SM5210 B
02/08/2020	Water	L1426-01 <u>A</u>	BOD5	Cool 4 deg C	PHAR02	L31	32220008-3	02/06/2020	SM5210 B
02/08/2020	Water	L1428-01	BOD5	Cool 4 deg C	PHAR02	L31	15220032-1	02/06/2020	SM5210 B
02/08/2020	Water	L1430-01 <u>F</u>	BOD5	Cool 4 deg C	PSEG01	I61	N29305	02/06/2020	SM5210 B
02/08/2020	Water	L1434-02 <u>B</u>	BOD5	Cool 4 deg C	ARDM01	L32	EFF-WW	02/06/2020	SM5210 B

Date/Time 2/07/2020 12:50
 Received by: AM
 Relinquished by: OP

Date/Time 2/07/2020 13:30
 Received by: AM
 Relinquished by: AM