



BOD5 LOG

ANALYST: Alexander

SUPERVISOR: apatel

Analysis Date: 01/15/2021

QC BATCH ID: LB112819

BOD Water: WP89124

Starch: W2703

Sulfuric acid, 1N: W2609

POLYSEED: WP89125

GGA: WP89126

Chlorine Strips: W2543

pH Strips: W2716

MANGANOUS SULFATE SOLUTION: W2767

Alkaline Iodide Azide: W2742

Sodium Thiosulfate, 0.025N: WP88904

NaOH, 0.25N: WP86593

IncubatorID: INCUBATOR #3

GuageID: 0511064

Zero DO: WP88838

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: 8.61

Barometric Pressure1: 760 mmHg

Zero DO Reading1: 0.11 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading1: 8.84

After Incubation

Meter Calibration2: 8.66

Barometric Pressure2: 760 mmHg

Zero DO Reading2: 0.08 mg/L (<=0.2 Criteria)

Winkler titrated BOD fluid DO reading2: 8.84



QC BATCH ID: LB112819

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 16:50

TIME OUT: 10:10

DATE IN: 01/15/2021

DATE OUT: 01/20/2021

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
LB112819BL	1	No	6.0	N/A	21.20	300	8.84	8.84	0	0	0	
POLYSEED	1					10	8.73	5.88	2.85	0.57	0.69	
POLYSEED	2					15	8.72	3.14	5.58	0.74		
POLYSEED	3					20	8.69	1.13	7.56	0.76		
GGA	1					6	8.81	3.89	4.92	211.5	218.83	
GGA	2					6	8.83	3.74	5.09	220		
GGA	3					6	8.76	3.57	5.19	225		
M1149-01	1	No	10.5	7.2	20.80	0.5	8.84	8.37	-	0	425.4	pH Adjusted
M1149-01	2					1	8.83	7.60	-	0		
M1149-01	3					5	8.80	1.02	7.78	425.4		
M1149-01	4					20	8.68	0.15	-	0		
M1149-01	5					50	8.60	0.14	-	0		
M1149-01DUP	1	No	10.5	7.2	20.80	0.5	8.83	8.39	-	0	425.4	pH Adjusted
M1149-01DUP	2					1	8.83	7.62	-	0		
M1149-01DUP	3					5	8.79	1.01	7.78	425.4		
M1149-01DUP	4					20	8.70	0.15	-	0		
M1149-01DUP	5					50	8.62	0.13	-	0		
M1150-01	1	No	9.0	7.2	20.60	0.5	8.81	8.73	-	0	399	pH Adjusted
M1150-01	2					1	8.77	6.75	2.02	399		
M1150-01	3					5	8.73	0.19	-	0		
M1150-01	4					20	8.40	0.13	-	0		
M1151-01	1	No	5.6	7.2	21.00	0.1	8.77	7.36	-	0	396	pH Adjusted
M1151-01	2					0.5	8.76	7.21	-	0		
M1151-01	3					1	8.75	6.74	2.01	396		
M1151-01	4					5	8.73	0.16	-	0		
M1151-01	5					20	8.42	0.14	-	0		
M1166-01	1	No	4.6	7.2	21.40	80.5	8.82	6.92	-	0	514.5	pH Adjusted
M1166-01	2					1	8.78	6.24	2.54	555		
M1166-01	3					2	8.75	4.90	3.85	474		
M1166-01	4					5	8.70	0.27	-	0		
M1166-01	5					10	8.61	0.12	-	0		
M1166-05	1	No	4.6	7.2	21.40	0.01	8.80	8.12	-	0	6120	pH Adjusted
M1166-05	2					0.05	8.79	7.64	-	0		
M1166-05	3					0.1	8.77	6.04	2.73	6120		
M1166-05	4					0.5	8.75	0.15	-	0		
M1166-05	5					1	8.74	0.12	-	0		

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

LB112819
WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD-11521 WorkList ID : 145730 Department : Wet-Chemistry Date : 01-15-2021 08:44:56

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/16/2021	Water	M1149-01	BOD5	Cool 4 deg C	PHAR02	F62	15220012-1	01/14/2021	SM5210 B
01/16/2021	Water	M1150-01 C	BOD5	Cool 4 deg C	ARDM01	F42	EFF-WW	01/14/2021	SM5210 B
01/16/2021	Water	M1151-01 B	BOD5	Cool 4 deg C	PHAR02	F62	32220008-3	01/14/2021	SM5210 B
01/16/2021	Water	M1166-01 C	BOD5	Cool 4 deg C	HOLL01	F61	EFFLUENT	01/14/2021	SM5210 B
01/16/2021	Water	M1166-05 B	BOD5	Cool 4 deg C	HOLL01	F61	INFLUENT	01/14/2021	SM5210 B

Date/Time 01/15/2021 15:50
Received by: Am Wetchem
Relinquished by: So Wetchem

Date/Time 01/15/2021 16:55
Received by: So Wetchem
Relinquished by: Am Wetchem