

**BOD5 LOG**

Analysis Date: 07/22/2020

QC BATCH ID: LB110136

ANALYST: Alexander

BOD Water: WP85713

SUPERVISOR: apatel

Starch: W2703

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2609

Alkaline Iodide Azide: W2472

POLYSEED: WP85714

Sodium Thiosulfate, 0.025N: WP84605

GGA: WP85715

NaOH, 0.25N: WP80974

Chlorine Strips: W2543

IncubatorID: INCUBATOR #3

pH Strips: W2644

Zero DO: WP85367

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	8.6	8.6	8.5
WINKLER 2	WINKLER 2	2	300	8.6	17.0	8.4	8.5

Meter Calibration1 : 8.50

Zero DO Reading1 : 0.04 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.50

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



QC BATCH ID: LB110136

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 09:50

TIME OUT: 12:05

DATE IN: 07/22/2020

DATE OUT: 07/27/2020

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
LB110136BL	1	No	6.0	N/A	24.80	300	8.50	8.42	0.08	0.08	0.08	
POLYSEED	1					10	8.48	5.15	3.33	0.67	0.66	
POLYSEED	2					15	8.44	3.56	4.88	0.65		
POLYSEED	3					20	8.40	1.90	6.5	0.65		
GGA	1					6	8.46	4.06	4.4	187	187	
GGA	2					6	8.46	3.97	4.49	191.5	191.5	
GGA	3					6	8.46	3.86	4.6	197	197	
L3370-09	1	No	7.2	N/A	23.70	5	8.50	7.77	-	0	3.26	
L3370-09	2					20	8.47	7.55	-	0		
L3370-09	3					50	8.40	7.39	-	0		
L3370-09	4					150	7.95	5.66	2.29	3.26		
L3371-02	1	No	7.6	N/A	22.30	5	8.50	8.48	-	0		
L3371-02	2					20	8.49	8.48	-	0		
L3371-02	3					50	8.49	8.47	-	0		
L3371-02	4					150	8.48	8.47	-	0		
L3371-02DUP	1	No	7.6	N/A	22.30	5	8.50	8.48	-	0		
L3371-02DUP	2					20	8.49	8.47	-	0		
L3371-02DUP	3					50	8.49	8.47	-	0		
L3371-02DUP	4					150	8.48	8.46	-	0		
L3371-03	1	No	7.6	N/A	22.30	5	8.50	8.50	-	0		
L3371-03	2					20	8.49	8.49	-	0		
L3371-03	3					50	8.49	8.48	-	0		
L3371-03	4					150	8.48	8.46	-	0		
L3371-04	1	No	7.6	N/A	22.30	5	8.50	8.48	-	0		
L3371-04	2					20	8.49	8.32	-	0		
L3371-04	3					50	8.47	8.02	-	0		
L3371-04	4					150	8.46	7.77	-	0		

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

LB110156

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-72220 WorkList ID : 140664 Department : Wet-Chemistry Date : 07-22-2020 08:50:49

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
07/23/2020	Water	L3370-09 P	BOD5	Cool 4 deg C	PSEG01	H31	TP-3-GW	07/21/2020	SM5210 B
07/22/2020	Water	L3371-02 F	BOD5	Cool 4 deg C	SHAW22	H41	KY038PS027-200720	07/20/2020	SM5210 B
07/22/2020	Water	L3371-03 P	BOD5	Cool 4 deg C	SHAW22	H41	KY038PS037-200720	07/20/2020	SM5210 B
07/22/2020	Water	L3371-04 P	BOD5	Cool 4 deg C	SHAW22	H41	KY038PS038-200720	07/20/2020	SM5210 B

Date/Time 7/22/2020 9:05
Received by: AmLwetchem
Relinquished by: JA (wet-chem)

Date/Time 7/22/2020 10:00
Received by: JA (wet-chem)
Relinquished by: AmLwetchem