

**BOD5 LOG**

Analysis Date: 06/14/2019

QC BATCH ID: LB103441

ANALYST: ARIEL

BOD Water: WP75519

SUPERVISOR: apatel

Starch: W2379

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2482

Alkaline Iodide Azide: W2472

POLYSEED: WP75521

Sodium Thiosulfate, 0.025N: WP74519

GGA: WP75520

NaOH, 0.25N: WP66873

Chlorine Strips: W2429

IncubatorID: Incubator-3

pH Strips: W2350

Zero DO: WP75450

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.00	8.7	8.7	8.75
WINKLER 2	WINKLER 2	2	300	8.7	17.5	8.8	8.75

Meter Calibration1 : 8.75

Zero DO Reading1 : 0.02 mg/L (<=0.2 Criteria)

After Incubation

Meter Calibration2 : 8.75

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



QC BATCH ID: LB103441

INCUBATOR TEMP IN(C): 20.8

INCUBATOR TEMP OUT(C): 20.7

TIME IN: 17:10

TIME OUT: 13:24

DATE IN: 06/14/2019

DATE OUT: 06/19/2019

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
LB103441BL	1	No	6.0	N/A	19.20	300	8.72	8.70	0.02	0.02	0.02	
POLYSEED	1					10	8.67	2.23	6.44	1.29	1	
POLYSEED	2					15	8.64	3.27	5.37	0.72		
POLYSEED	3					20	8.46	0.08	-	0		
GGA	1					6	8.67	4.20	4.47	173.5	173.5	
GGA	2					6	8.68	4.05	4.63	181.5	181.5	
GGA	3					6	8.67	4.26	4.41	170.5	170.5	
K3382-02	1	No	6.4	N/A	19.80	5	8.68	7.89	-	0		
K3382-02	2					20	8.66	7.90	-	0		
K3382-02	3					50	8.68	7.84	-	0		
K3382-02	4					150	8.70	7.71	-	0		
K3410-01	1	No	7.2	N/A	19.40	0.5	8.67	6.78	-	0	306	
K3410-01	2					1	8.66	7.05	-	0		
K3410-01	3					5	8.65	2.55	6.1	306		
K3410-01	4					20	8.53	0.07	-	0		
K3410-01DUP	1	No	7.4	N/A	19.70	0.5	8.65	7.03	-	0	306	
K3410-01DUP	2					1	8.67	7.06	-	0		
K3410-01DUP	3					5	8.67	2.57	6.1	306		
K3410-01DUP	4					20	8.56	0.05	-	0		

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD061419 WorkList ID : 127417 Department : Wet-Chemistry Date : 06-14-2019 08:22:24

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
06/16/2019	Water	K3382-02	BOD5	Cool 4 deg C	PSEG01	O31	SUMP	06/14/2019	SM5210 B
06/16/2019	Water	K3410-01	BOD5	Cool 4 deg C	ARDM01	H11	EFF-WASTE-WATER	06/14/2019	SM5210 B

Date/Time 6/14/19 1645
 Received by: DB
 Relinquished by: SR

Date/Time 6/14/19 1715
 Received by: SR
 Relinquished by: ARB