



BOD5 LOG

Analysis Date: 07/22/2020

QC BATCH ID: LB110150

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: W2716

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: LB110150

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 17:40

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
LB110150BL	1	No	6.0	N/A	24.90	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	
L3378-16	1	No	11.57	7.2	24.70	5	8.48	8.23	-	0		pH Adjusted
L3378-16	2					20	8.48	8.12	-	0		
L3378-16	3					50	8.26	8.02	-	0		
L3378-16	4					150	7.61	6.86	-	0		
L3390-03	1	No	7.6	N/A	23.50	5	8.50	8.42	-	0		
L3390-03	2					20	8.48	8.36	-	0		
L3390-03	3					50	8.47	8.21	-	0		
L3390-03	4					150	8.46	8.11	-	0		
L3390-03DUP	1	No	7.6	N/A	23.50	5	8.50	8.39	-	0		
L3390-03DUP	2					20	8.49	8.32	-	0		
L3390-03DUP	3					50	8.47	8.22	-	0		
L3390-03DUP	4					150	8.47	8.10	-	0		
L3401-01	1	No	6.8	N/A	23.70	0.5	8.46	6.70	-	0	849.75	
L3401-01	2					1	8.46	4.86	3.6	882		
L3401-01	3					2	8.45	2.34	6.11	817.5		
L3401-01	4					3	8.43	0.12	-	0		
L3404-02	1	No	10.48	7.2	25.10	0.5	8.48	4.29	4.19	2118	2019	pH Adjusted
L3404-02	2					1	8.47	1.41	7.06	1920		
L3404-02	3					5	8.47	0.09	-	0		
L3404-02	4					20	8.47	0.06	-	0		

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

LB110150

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-2-72220 WorkList ID : 140687 Department : Wet-Chemistry Date : 07-22-2020 11:58:25

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
07/24/2020	Water	L3378-16 <i>F</i>	BOD5	Cool 4 deg C	PSEG01	H43	DRUM-WATER	07/22/2020	SM5210 B
07/23/2020	Water	L3390-03 <i>E</i>	BOD5	Cool 4 deg C	SHAW22	H61	OUTFALL001-200721	07/21/2020	SM5210 B
07/24/2020	Water	L3401-01 <i>B</i>	BOD5	Cool 4 deg C	ARAM01	H51	GRAB	07/22/2020	SM5210 B
07/24/2020	Water	L3404-02 <i>B</i>	BOD5	Cool 4 deg C	ARDM01	H61	EFF-WW	07/22/2020	SM5210 B

Date/Time 7/22/2020 16:50
Received by: APLWet-chem
Relinquished by: JP Quet-Chen

Date/Time 7/22/2020 17:45
Received by: JP Quet-Chen
Relinquished by: APLWet-chem