

**BOD5 LOG****Analysis Date:** 04/03/2020**QC BATCH ID:** LB108572**ANALYST:** Alexander**BOD Water:** WP83283**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP83284**Sodium Thiosulfate, 0.025N:** WP82690**GGA:** WP83285**NaOH, 0.25N:** WP80974**Chlorine Strips:** W2543**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	9.0	9	8.85
WINKLER 2	WINKLER 2	2	300	9.0	17.7	8.7	8.85

Meter Calibration1 : 8.85Zero DO Reading1 : 0.04 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.85Zero DO Reading2 : 0.04 mg/L (<=0.2 Criteria)



QC BATCH ID: LB108572

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 14:10

TIME OUT: 12:20

DATE IN: 04/03/2020

DATE OUT: 04/08/2020

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
LB108572BL	1	No	6.0	N/A	20.70	300	8.85	8.85	0	0	0	
POLYSEED	1					10	8.84	5.37	3.47	0.69	0.71	
POLYSEED	2					15	8.84	3.29	5.55	0.74		
POLYSEED	3					20	8.82	1.82	7	0.7		
GGA	1					6	8.83	4.22	4.61	195	195	
GGA	2					6	8.83	4.18	4.65	197	197	
GGA	3					6	8.83	4.03	4.8	204.5	204.5	
L2140-01	1	No	6.0	N/A	20.20	0.5	8.83	7.94	-	0	72.15	
L2140-01	2					1	8.83	7.73	-	0		
L2140-01	3					2	8.83	7.16	-	0		
L2140-01	4					5	8.83	6.72	2.11	84		
L2140-01	5					10	8.83	6.11	2.72	60.3		
L2140-02	1	No	6.4	N/A	20.10	0.5	8.84	8.06	-	0	57.3	
L2140-02	2					1	8.84	7.87	-	0		
L2140-02	3					2	8.84	7.56	-	0		
L2140-02	4					5	8.84	7.01	-	0		
L2140-02	5					10	8.84	6.22	2.62	57.3		
L2143-01	1	No	7.62	N/A	21.20	1	8.84	8.02	-	0	12.77	
L2143-01	2					5	8.84	7.97	-	0		
L2143-01	3					20	8.83	7.48	-	0		
L2143-01	4					50	8.83	5.24	3.59	17.28		
L2143-01	5					150	8.82	3.98	4.84	8.26		
L2143-01DUP	1	No	7.62	N/A	21.20	1	8.84	8.01	-	0	13.23	
L2143-01DUP	2					5	8.84	7.95	-	0		
L2143-01DUP	3					20	8.83	7.42	-	0		
L2143-01DUP	4					50	8.83	5.11	3.72	18.06		
L2143-01DUP	5					150	8.83	3.92	4.91	8.4		

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

LB108572
WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-4032020	WorkList ID : 137591	Department : Wet-Chemistry	Date : 04-03-2020 09:36:49
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Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/04/2020	Water	L2140-01	BOD5	Cool 4 deg C	TULL01	G12	001-WILLETS-PT-BLVD(APR)	04/02/2020	SM5210 B
04/04/2020	Water	L2140-02	BOD5	Cool 4 deg C	TULL01	G12	002-35TH-AVE(APR)	04/02/2020	SM5210 B
04/04/2020	Water	L2143-01	BOD5	Cool 4 deg C	PSEG01	G21	FORMER-OLDEN-AVE-SUB	04/02/2020	SM5210 B

Date/Time <u>4/3/2020 13:30</u> Received by: <u>AM</u> Relinquished by: <u>30</u>	Date/Time <u>4/3/2020 14:20</u> Received by: <u>AM</u> Relinquished by: <u>AM</u>
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