

**BOD5 LOG****Analysis Date:** 10/02/2020**QC BATCH ID:** LB111295**ANALYST:** Alexander**BOD Water:** WP87210**SUPERVISOR:** apatel**Starch:** W2703**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2742**POLYSEED:** WP87211**Sodium Thiosulfate, 0.025N:** WP86633**GGA:** WP87212**NaOH, 0.25N:** WP86593**Chlorine Strips:** W2543**IncubatorID:** INCUBATOR #3**pH Strips:** W2716**Zero DO:** WP85368

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.1	9.1	9.15
WINKLER 2	WINKLER 2	2	300	9.1	18.3	9.2	9.15

Meter Calibration1 : 9.15Zero DO Reading1 : 0.02 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 9.15Zero DO Reading2 : 0.03 mg/L (<=0.2 Criteria)



QC BATCH ID: LB111295

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 18:00

TIME OUT: 13:10

DATE IN: 10/02/2020

DATE OUT: 10/07/2020

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
LB111295BL	1	No	6.0	N/A	21.20	300	9.15	9.06	0.09	0.09	0.09	
POLYSEED	1					10	9.01	5.76	3.25	0.65	0.69	
POLYSEED	2					15	8.88	3.16	5.72	0.76		
POLYSEED	3					20	8.78	2.19	6.59	0.66		
GGA	1					6	9.11	4.40	4.71	201	201	
GGA	2					6	9.11	4.16	4.95	213	213	
GGA	3					6	9.10	4.14	4.96	213.5	213.5	
L4232-01	1	No	6.0	N/A	17.20	0.5	9.11	8.51	-	0		
L4232-01	2					5	9.10	8.45	-	0		
L4232-01	3					20	9.09	8.64	-	0		
L4232-01	4					50	9.06	8.42	-	0		
L4232-01	5					150	8.92	8.32	-	0		
L4232-01DUP	1	No	6.0	N/A	17.20	0.5	9.12	8.57	-	0		
L4232-01DUP	2					5	9.09	8.46	-	0		
L4232-01DUP	3					20	9.08	8.57	-	0		
L4232-01DUP	4					50	9.07	8.41	-	0		
L4232-01DUP	5					150	8.94	8.30	-	0		
L4243-01	1	No	6.4	N/A	18.20	1	9.10	8.21	-	0	49.35	
L4243-01	2					5	9.09	7.45	-	0		
L4243-01	3					20	8.87	4.89	3.98	49.35		
L4243-01	4					50	8.24	0.19	-	0		
L4243-02	1	No	6.4	N/A	18.20	1	9.10	8.12	-	0	54	
L4243-02	2					5	9.09	7.62	-	0		
L4243-02	3					20	8.88	4.59	4.29	54		
L4243-02	4					50	8.14	0.19	-	0		
L4261-01	1	No	6.4	N/A	18.20	1	9.14	7.98	-	0	97.89	
L4261-01	2					5	9.09	5.12	3.97	196.8		
L4261-01	3					20	9.03	3.93	5.1	66.15		
L4261-01	4					50	8.78	2.97	5.81	30.72		
L4261-01	5					150	7.29	0.28	-	0		
L4262-01	1	No	6.4	N/A	17.20	1	9.09	8.12	-	0	154.2	
L4262-01	2					5	9.06	5.80	3.26	154.2		
L4262-01	3					20	8.78	0.20	-	0		
L4262-01	4					50	8.03	0.10	-	0		
L4262-01	5					150	5.00	0.06	-	0		
L4265-01	1	No	6.4	N/A	18.20	1	9.12	8.41	-	0		
L4265-01	2					5	9.11	8.56	-	0		
L4265-01	3					20	9.09	8.44	-	0		
L4265-01	4					50	8.98	7.95	-	0		
L4265-01	5					150	8.71	7.72	-	0		
L4265-02	1	No	6.4	N/A	17.20	1	9.13	8.50	-	0		

L4265-02	2					5	9.10	7.95	-	0		
L4265-02	3					20	9.09	7.85	-	0		
L4265-02	4					50	9.06	7.72	-	0		
L4265-02	5					150	8.86	7.61	-	0		
L4265-03	1	No	6.4	N/A	17.20	1	9.14	7.95	-	0	12.98	
L4265-03	2					5	9.13	7.46	-	0		
L4265-03	3					20	9.03	6.93	2.1	21.15		
L4265-03	4					50	9.00	6.06	2.94	13.5		
L4265-03	5					150	8.84	6.00	2.84	4.3		
L4265-04	1	No	6.8	N/A	18.20	1	9.11	7.12	-	0	33.46	
L4265-04	2					5	9.10	6.88	2.22	91.8		
L4265-04	3					20	9.08	6.61	2.47	26.7		
L4265-04	4					50	9.07	6.56	2.51	10.92		
L4265-04	5					150	9.06	6.15	2.91	4.44		
L4265-05	1	No	6.4	N/A	17.20	1	9.11	8.34	-	0		
L4265-05	2					5	9.09	7.99	-	0		
L4265-05	3					20	9.08	7.74	-	0		
L4265-05	4					50	9.05	7.58	-	0		
L4265-05	5					150	8.98	7.00	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 111295

WorkList Name : BOD5-100220 WorkList ID : 142907 Department : Wet-Chemistry Date : 10-02-2020 17:09:00

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/03/2020	Water	L4232-01	BOD5	Cool 4 deg C	PSEG01	O21	1613	10/01/2020	SM5210 B
10/03/2020	Water	L4243-01	BOD5	Cool 4 deg C	TULL01	O12	001-WILLETTS-PT-BLVD(OCT)	10/01/2020	SM5210 B
10/03/2020	Water	L4243-02	BOD5	Cool 4 deg C	TULL01	O12	002-35TH-AVE(OCT)	10/01/2020	SM5210 B
10/04/2020	Water	L4261-01	BOD5	Cool 4 deg C	URBA02	O13	TUNNEL-PIT	10/02/2020	SM5210 B
10/04/2020	Water	L4262-01	BOD5	Cool 4 deg C	URBA02	O13	PIT	10/02/2020	SM5210 B
10/04/2020	Water	L4265-01	BOD5	Cool 4 deg C	GFEL01	O21	MW1S	10/02/2020	SM5210 B
10/04/2020	Water	L4265-02	BOD5	Cool 4 deg C	GFEL01	O21	MW1D	10/02/2020	SM5210 B
10/04/2020	Water	L4265-03	BOD5	Cool 4 deg C	GFEL01	O21	MW2	10/02/2020	SM5210 B
10/04/2020	Water	L4265-04	BOD5	Cool 4 deg C	GFEL01	O21	MW3	10/02/2020	SM5210 B
10/04/2020	Water	L4265-05	BOD5	Cool 4 deg C	GFEL01	O21	MW4S	10/02/2020	SM5210 B

Date/Time 10/02/2020 17:10
 Received by: KS (Wet-Chem)
 Relinquished by: JD (Wet-Chem)

Date/Time 10/02/2020 16:10
 Received by: JD (Wet-Chem)
 Relinquished by: KS (Wet-Chem)