

**BOD5 LOG****Analysis Date:** 10/09/2020**QC BATCH ID:** LB111415**ANALYST:** Alexander**BOD Water:** WP87383**SUPERVISOR:** apatel**Starch:** W2703**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2742**POLYSEED:** WP87384**Sodium Thiosulfate, 0.025N:** WP87313**GGA:** WP8735**NaOH, 0.25N:** WP86593**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	8.9	8.9	8.8
WINKLER 2	WINKLER 2	2	300	8.9	17.6	8.7	8.8

Meter Calibration1 : 8.80

Zero DO Reading1 : 0.03 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.80

Zero DO Reading2 : 0.03 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB111415

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 17:45

TIME OUT: 12:30

DATE IN: 10/09/2020

DATE OUT: 10/14/2020

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
LB111415BL	1	No	6.0	N/A	22.10	300	8.80	8.75	0.05	0.05	0.05	
POLYSEED	1					10	8.76	4.12	4.64	0.93	0.81	
POLYSEED	2					15	8.75	3.08	5.67	0.76		
POLYSEED	3					20	8.74	1.27	7.47	0.75		
GGA	1					6	8.76	4.06	4.7	194.5	194.5	
GGA	2					6	8.75	3.87	4.88	203.5	203.5	
GGA	3					6	8.75	3.99	4.76	197.5	197.5	
L4328-01	1	No	6.4	N/A	20.50	0.5	8.78	7.95	-	0	17.4	
L4328-01	2					1	8.77	7.89	-	0		
L4328-01	3					5	8.77	7.30	-	0		
L4328-01	4					20	8.75	6.42	2.33	22.8		
L4328-01	5					50	8.73	5.92	2.81	12		
L4328-01DUP	1	No	6.4	N/A	20.50	0.5	8.78	7.98	-	0	17.55	
L4328-01DUP	2					1	8.78	7.88	-	0		
L4328-01DUP	3					5	8.77	7.25	-	0		
L4328-01DUP	4					20	8.75	6.40	2.35	23.1		
L4328-01DUP	5					50	8.74	5.93	2.81	12		
L4348-01	1	No	5.6	7.2	2.10	0.1	8.78	7.99	-	0	140.4	pH Adjusted
L4348-01	2					0.5	8.77	7.81	-	0		
L4348-01	3					1	8.77	7.36	-	0		
L4348-01	4					5	8.77	5.62	3.15	140.4		
L4348-01	5					20	8.76	0.22	-	0		
L4353-01	1	No	6.8	N/A	20.90	0.5	8.78	4.91	3.87	1836	1732.5	
L4353-01	2					1	8.77	2.53	6.24	1629		
L4353-01	3					5	8.76	0.20	-	0		
L4353-01	4					20	8.75	0.08	-	0		

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

LB111415
WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-100920 WorkList ID : 143139 Department : Wet-Chemistry Date : 10-09-2020 09:01:41

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/10/2020	Water	L4328-01 B	BOD5	Cool 4 deg C	PHAR02	O51	15220032-1	10/08/2020	SM5210 B
10/10/2020	Water	L4348-01 B	BOD5	Cool 4 deg C	PHAR02	O51	32220008-3	10/08/2020	SM5210 B
10/11/2020	Water	L4353-01 B	BOD5	Cool 4 deg C	ARDM01	O62	EFF-WW	10/09/2020	SM5210 B

Date/Time 10/09/2020 16:50
Received by: AM (wet-chem)
Relinquished by: JH (wet-chem)

Date/Time 10/09/2020 17:55
Received by: JH (wet-chem)
Relinquished by: AM (wet-chem)