

**BOD5 LOG****Analysis Date:** 08/21/2020**QC BATCH ID:** LB110650**ANALYST:** Alexander**BOD Water:** WP86414**SUPERVISOR:** apatel**Starch:** W2703**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP86416**Sodium Thiosulfate, 0.025N:** WP84605**GGA:** WP86415**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 : 0.03 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.50

Zero DO Reading2 : 0.04 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB110650

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 12:30

TIME OUT: 10:15

DATE IN: 08/21/2020

DATE OUT: 08/26/2020

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
LB110650BL	1	No	6.0	N/A	21.30	300	8.50	8.41	0.09	0.09	0.09	
POLYSEED	1					10	8.47	4.78	3.69	0.74	0.7	
POLYSEED	2					15	8.47	3.33	5.14	0.69		
POLYSEED	3					20	8.42	1.72	6.7	0.67		
GGA	1					6	8.45	4.18	4.27	178.5	178.5	
GGA	2					6	8.44	3.97	4.47	188.5	188.5	
GGA	3					6	8.42	4.01	4.41	185.5	185.5	
L3741-01	1	No	6.0	N/A	24.30	1	8.49	5.30	3.19	747	747	
L3741-01	2					5	8.45	0.17	-	0		
L3741-01	3					20	8.20	0.13	-	0		
L3741-01	4					50	7.61	0.12	-	0		
L3741-02	1	No	5.58	7.2	24.40	0.1	8.46	6.92	-	0	169.8	pH Adjusted
L3741-02	2					1	8.44	6.81	-	0		
L3741-02	3					5	8.41	4.88	3.53	169.8		
L3741-02	4					20	8.16	0.33	-	0		
L3741-02DUP	1	No	5.58	7.2	24.40	0.1	8.49	6.90	-	0	175.8	pH Adjusted
L3741-02DUP	2					1	8.46	6.82	-	0		
L3741-02DUP	3					5	8.43	4.80	3.63	175.8		
L3741-02DUP	4					20	8.19	0.33	-	0		

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

HB110650

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD L3741 WorkList ID : 141659 Department : Wet-Chemistry Date : 08-21-2020 07:45:40

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
08/22/2020	Water	L3741-01 -F	BOD5	Cool 4 deg C	TRIS02	K61	DSN-001-SEWER-OUTLET-01	08/20/2020	SM5210 B
08/22/2020	Water	L3741-02 F	BOD5	Cool 4 deg C	TRIS02	K61	DSN-002-SEWER-OUTLET-01	08/20/2020	SM5210 B

Date/Time 08/21/2020 7:50
Received by: Jn (wlt - Oncom)
Relinquished by: Jn (wlt - Oncom)

Date/Time 08/21/2020 13:00
Received by: Jn (wlt - Oncom)
Relinquished by: Jn (wlt - Oncom)