

**BOD5 LOG****Analysis Date:** 07/06/2020**QC BATCH ID:** LB109889**ANALYST:** Alexander**BOD Water:** WP85199**SUPERVISOR:** apatel**Starch:** W2703**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2609**Alkaline Iodide Azide:** W2472**POLYSEED:** WP85200**Sodium Thiosulfate, 0.025N:** WP84605**GGA:** WP85201**NaOH, 0.25N:** WP80974**Chlorine Strips:** W2543**IncubatorID:** INCUBATOR #3**pH Strips:** W2716**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	0.0	8.9	8.9	8.8
WINKLER 2	WINKLER 2	2	300	8.9	17.6	8.7	8.8

Meter Calibration1 : 8.80Zero DO Reading1 : 0.05 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.80Zero DO Reading2 : 0.04 mg/L (<=0.2 Criteria)



QC BATCH ID: LB109889

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 16:10

TIME OUT: 10:20

DATE IN: 07/06/2020

DATE OUT: 07/11/2020

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
LB109889BL	1	No	6.0	N/A	22.40	300	8.80	8.80	0	0	0	
POLYSEED	1					10	8.75	4.78	3.97	0.79	0.75	
POLYSEED	2					15	8.71	3.17	5.54	0.74		
POLYSEED	3					20	8.69	1.60	7.09	0.71		
GGA	1					6	8.70	4.19	4.51	188	188	
GGA	2					6	8.70	3.93	4.77	201	201	
GGA	3					6	8.69	3.84	4.85	205	205	
L3214-01	1	No	6.8	N/A	22.70	5	8.73	7.41	-	0	9.12	
L3214-01	2					20	8.70	7.04	-	0		
L3214-01	3					50	8.60	6.03	2.57	10.92		
L3214-01	4					150	8.15	3.74	4.41	7.32		
L3214-01DUP	1	No	6.8	N/A	22.70	5	8.74	7.40	-	0	9.34	
L3214-01DUP	2					20	8.71	7.01	-	0		
L3214-01DUP	3					50	8.58	5.98	2.6	11.1		
L3214-01DUP	4					150	8.20	3.66	4.54	7.58		
L3214-02	1	No	7.2	N/A	22.50	5	8.78	7.86	-	0		
L3214-02	2					20	8.78	7.13	-	0		
L3214-02	3					50	8.78	7.04	-	0		
L3214-02	4					150	8.78	6.94	-	0		
L3219-02	1	No	7.6	N/A	21.70	2	8.76	7.53	-	0	59.49	
L3219-02	2					10	8.72	5.33	3.39	79.2		
L3219-02	3					50	8.63	1.25	7.38	39.78		
L3219-02	4					100	8.48	0.07	-	0		

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

1.B109889 WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5-70620 WorkList ID : 140170 Department : Wet-Chemistry Date : 07-06-2020 10:09:49

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
07/02/2020	Water	L3214-01 <u>P</u>	BOD5	Cool 4 deg C	LIRO01	P33	MW-14	06/30/2020	SM5210 B
07/02/2020	Water	L3214-02 <u>P</u>	BOD5	Cool 4 deg C	LIRO01	P33	SW-2	06/30/2020	SM5210 B
07/08/2020	Water	L3219-02 <u>C</u>	BOD5	Cool 4 deg C	M&MM01	P41	FE-19C	07/06/2020	SM5210 B

Date/Time 7/06/2020 14:50

Received by: AMCwetchem

Relinquished by: JP (wlt-chem)

Date/Time 7/06/2020 16:20

Received by: JP (wlt-chem)

Relinquished by: AMCwetchem