

**BOD5 LOG****Analysis Date:** 12/12/2019**QC BATCH ID:** LB106721**ANALYST:** Alexander**BOD Water:** WP80454**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2602**Alkaline Iodide Azide:** W2472**POLYSEED:** WP80456**Sodium Thiosulfate, 0.025N:** WP80247**GGA:** WP80455**NaOH, 0.25N:** WP77359**Chlorine Strips:** W2430**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP80479

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.2	9.2	9.25
WINKLER 2	WINKLER 2	2	300	9.2	18.5	9.3	9.25

Meter Calibration1 : 9.25Zero DO Reading1 : 0.00 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 9.25Zero DO Reading2 : 0.05 mg/L (<=0.2 Criteria)



QC BATCH ID: LB106721

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 14:30

TIME OUT: 09:40

DATE IN: 12/12/2019

DATE OUT: 12/17/2019

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
LB106721BL	1	No	6.0	N/A	18.30	300	9.25	9.25	0	0	0	
POLYSEED	1					10	9.23	4.17	5.06	1.01	0.88	
POLYSEED	2					15	9.23	2.93	6.3	0.84		
POLYSEED	3					20	9.21	1.25	7.96	0.8		
GGA	1					6	9.23	3.97	5.26	219	219	
GGA	2					6	9.22	3.90	5.32	222	222	
GGA	3					6	9.23	4.52	4.71	191.5	191.5	
K6255-02	1	No	6.4	N/A	21.00	0.5	9.21	6.88	2.33	870	714.38	
K6255-02	2					1	9.21	6.04	3.17	687		
K6255-02	3					2	9.21	3.82	5.39	676.5		
K6255-02	4					3	9.20	2.08	7.12	624		
K6255-02DUP	1	No	6.4	N/A	21.10	0.5	9.21	6.72	2.49	966	718	
K6255-02DUP	2					1	9.22	6.22	3	636		
K6255-02DUP	3					2	9.19	4.21	4.98	615		
K6255-02DUP	4					3	9.19	1.76	7.43	655		

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