

**BOD5 LOG****Analysis Date:** 06/26/2019**QC BATCH ID:** LB103650**ANALYST:** ARIEL**BOD Water:** WP75795**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2520**Conc Sulfuric Acid:** W2482**Alkaline Iodide Azide:** W2472**POLYSEED:** WP75799**Sodium Thiosulfate, 0.025N:** WP74519**GGA:** WP75798**NaOH, 0.25N:** WP71104**Chlorine Strips:** W2431**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP75800

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	8.95
WINKLER 2	WINKLER 2	2	300	8.9	17.9	9	8.95

Meter Calibration1 : 8.95

Zero DO Reading1 : 0.02 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.95

Zero DO Reading2 : 0.02 mg/L (≤ 0.2 Criteria)

QC BATCH ID: LB103650

INCUBATOR TEMP IN(C): 20.8

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 15:55

TIME OUT: 11:06

DATE IN: 06/26/2019

DATE OUT: 07/01/2019

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
LB103650BL	1	No	6.0	N/A	20.30	300	8.95	8.94	0.01	0.01	0.01	
POLYSEED	1					10	8.75	2.35	6.4	1.28	0.91	
POLYSEED	2					15	8.73	2.79	5.94	0.79		
POLYSEED	3					20	8.77	2.08	6.69	0.67		
GGA	1					6	8.78	4.02	4.76	192.5	192.5	
GGA	2					6	8.78	4.01	4.77	193	193	
GGA	3					6	8.76	3.70	5.06	207.5	207.5	
K3542-01	1	No	6.4	N/A	20.10	5	8.95	7.50	-	0	13.14	
K3542-01	2					20	8.86	7.65	-	0		
K3542-01	3					50	8.64	4.21	4.43	21.12		
K3542-01	4					150	8.06	4.57	3.49	5.16		
K3542-02	1	No	6.4	N/A	19.80	5	8.74	7.98	-	0	7.32	
K3542-02	2					20	8.54	7.33	-	0		
K3542-02	3					50	8.09	5.96	2.13	7.32		
K3542-02	4					150	6.61	0.11	-	0		
K3542-03	1	No	6.4	N/A	20.10	5	8.90	7.74	-	0	3.8	
K3542-03	2					20	8.90	7.64	-	0		
K3542-03	3					50	8.92	7.67	-	0		
K3542-03	4					150	9.13	6.32	2.81	3.8		
K3542-04	1	No	6.4	N/A	20.30	5	8.84	6.85	-	0	24.06	
K3542-04	2					20	8.66	6.76	-	0		
K3542-04	3					50	8.23	3.31	4.92	24.06		
K3542-04	4					150	6.53	0.08	-	0		
K3542-05	1	No	6.4	N/A	20.30	5	8.83	7.72	-	0	4.38	
K3542-05	2					20	8.70	7.00	-	0		
K3542-05	3					50	8.43	0.10	-	0		
K3542-05	4					150	7.65	4.55	3.1	4.38		
K3542-06	1	No	6.8	N/A	20.40	5	8.79	7.05	-	0	21.06	
K3542-06	2					20	8.64	6.47	2.17	18.9		
K3542-06	3					50	8.28	3.50	4.78	23.22		
K3542-06	4					150	7.00	0.07	-	0		

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