

**BOD5 LOG****Analysis Date:** 11/09/2018**QC BATCH ID:** LB99210**ANALYST:** Indiana**BOD Water:** WP69455**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP69456**Sodium Thiosulfate, 0.025N:** WP68780**GGA:** WP69457**NaOH, 0.25N:** WP68486**Chlorine Strips:** W2429**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP69458

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.0	8	8.1
WINKLER2	WINKLER 2	2	300	8.0	16.2	8.2	

Meter Calibration1 : 8.10

Zero DO Reading1 : 0.18 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.10

Zero DO Reading2 : 0.17 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB99210

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 18:00

TIME OUT: 12:30

DATE IN: 11/09/2018

DATE OUT: 11/14/2018

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
LB99210BL	1	No	6.0	N/A	20.0	300	8.08	8.07	0.01	0.01	0.01	
POLYSEED	1					10	7.88	5.14	2.74	0.55	0.61	
POLYSEED	2					15	7.85	3.29	4.56	0.61		
POLYSEED	3					20	7.81	1.15	6.66	0.67		
GGA	1					6	7.87	3.70	4.17	178	178	
GGA	2					6	7.86	3.75	4.11	175	175	
GGA	3					6	7.87	3.71	4.16	177.5	177.5	
J5269-01	1	No	6.2	N/A	18.7	5	7.90	7.21	-	0		
J5269-01	2					20	7.84	7.15	-	0		
J5269-01	3					50	7.79	6.76	-	0		
J5269-01	4					150	7.0	6.42	-	0		
J5269-01DUP	1	No	6.2	N/A	18.7	5	7.92	7.23	-	0		
J5269-01DUP	2					20	7.83	7.12	-	0		
J5269-01DUP	3					50	7.77	6.78	-	0		
J5269-01DUP	4					150	7.03	6.40	-	0		
J5861-02	1	No	5.12	7.0	18.8	5	7.78	7.39	-	0	3.94	pH Adjusted
J5861-02	2					20	7.75	7.25	-	0		
J5861-02	3					50	7.74	7.12	-	0		
J5861-02	4					150	7.72	5.14	2.58	3.94		
J5866-01	1	No	6.8	N/A	18.8	1	7.75	7.45	-	0	27.34	
J5866-01	2					5	7.74	5.86	-	0		
J5866-01	3					20	7.70	5.14	2.56	29.25		
J5866-01	4					50	7.49	2.64	4.85	25.44		
J5875-01	1	No	6.8	N/A	18.8	1	7.73	2.43	5.3	1407	884.7	
J5875-01	2					5	7.69	1.04	6.65	362.4		
J5875-01	3					20	7.43	0.80	-	0		
J5875-01	4					50	6.52	0.06	-	0		
J5879-01	1	No	7.2	N/A	18.9	5	7.76	7.70	-	0		
J5879-01	2					20	7.75	7.00	-	0		
J5879-01	3					50	7.75	6.96	-	0		
J5879-01	4					150	7.65	6.64	-	0		
J5884-17	1	No	6.4	N/A	18.7	5	7.72	7.30	-	0		
J5884-17	2					20	7.67	7.02	-	0		
J5884-17	3					50	7.53	6.97	-	0		
J5884-17	4					150	7.11	5.30	-	0		
J5898-01	1	No	6.8	N/A	18.8	0.05	7.73	7.69	-	0	897	
J5898-01	2					0.1	7.70	7.68	-	0		
J5898-01	3					0.5	7.69	5.33	2.36	1050		
J5898-01	4					2	7.68	2.11	5.57	744		
J5898-01	5					10	7.62	0.80	-	0		
J5907-17	1	No	6.8	N/A	18.7	5	7.70	7.69	-	0	7.86	

J5907-17	2					20	7.61	6.74	-	0		
J5907-17	3					50	7.47	4.87	2.6	11.94		
J5907-17	4					150	6.95	4.45	2.5	3.78		
J5909-13	1	No	6.8	N/A	18.7	5	7.69	6.49	-	0	8.63	
J5909-13	2					20	7.62	6.44	-	0		
J5909-13	3					50	6.75	4.01	2.74	12.78		
J5909-13	4					150	6.75	3.90	2.85	4.48		

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