

**BOD5 LOG****Analysis Date:** 07/26/2018**QC BATCH ID:** LB96922**ANALYST:** Indiana**BOD Water:** WP66480**SUPERVISOR:** apatel**Starch:** W2121**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP66481**Sodium Thiosulfate, 0.025N:** W2337**GGA:** WP66482**NaOH, 0.25N:** WP62942**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP66479

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.4	8.4	8.45
WINKLER2	WINKLER 2	2	300	8.4	16.9	8.5	

Meter Calibration1 : 8.45

Zero DO Reading1 : 0.19 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.45

Zero DO Reading2 : 0.18 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB96922

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 16:40

TIME OUT: 11:40

DATE IN: 07/26/2018

DATE OUT: 07/31/2018

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
LB96922BL	1	No	6.0	N/A	19.9	300	8.44	8.43	0.01	0.01	0.01	
POLYSEED	1					10	8.43	5.32	3.11	0.62	0.53	
POLYSEED	2					15	8.40	4.91	3.49	0.47		
POLYSEED	3					20	8.38	3.52	4.86	0.49		
GGA	1					6	8.41	4.13	4.28	187.5	187.5	
GGA	2					6	8.39	4.02	4.37	192	192	
GGA	3					6	8.40	4.05	4.35	191	191	
J4080-18	1	No	3.36	7.0	18.8	5	8.46	6.45	2.01	88.8	53.67	pH Adjusted
J4080-18	2					10	8.48	5.62	2.86	69.9		
J4080-18	3					20	8.50	4.59	3.91	50.7		
J4080-18	4					50	8.56	1.57	6.99	38.76		
J4080-18	5					100	8.67	1.41	7.26	20.19		
J4158-01	1	No	6.8	N/A	18.7	1	8.42	6.68	-	0	92.68	
J4158-01	2					5	8.40	5.45	2.95	145.2		
J4158-01	3					20	8.17	1.24	6.93	96		
J4158-01	4					50	7.72	1.05	6.67	36.84		
J4166-01	1	No	6.4	N/A	18.8	0.5	8.43	7.17	-	0	345	
J4166-01	2					1	8.40	6.90	-	0		
J4166-01	3					2	8.37	5.42	2.95	363		
J4166-01	4					3	8.35	4.55	3.8	327		
J4166-01DUP	1	No	6.8	N/A	18.8	0.5	8.42	7.15	-	0	343	
J4166-01DUP	2					1	8.39	6.88	-	0		
J4166-01DUP	3					2	8.36	5.43	2.93	360		
J4166-01DUP	4					3	8.36	4.57	3.79	326		
J4167-01	1	No	6.8	N/A	18.9	5	8.32	7.09	-	0	10.68	
J4167-01	2					20	8.23	6.81	-	0		
J4167-01	3					50	8.09	6.11	-	0		
J4167-01	4					150	7.45	1.58	5.87	10.68		
J4183-01	1	No	6.4	N/A	18.7	0.5	8.37	7.12	-	0	152.7	
J4183-01	2					1	8.30	6.40	-	0		
J4183-01	3					2	8.28	6.04	2.24	256.5		
J4183-01	4					5	8.25	5.60	2.65	127.2		
J4183-01	5					10	8.23	5.22	3.01	74.4		
J4183-05	1	No	5.26	7.2	18.7	0.01	8.35	7.23	-	0	8550	pH Adjusted
J4183-05	2					0.05	8.29	6.18	2.11	9480		
J4183-05	3					0.1	8.27	5.20	3.07	7620		
J4183-05	4					0.5	8.18	0.69	-	0		
J4183-05	5					1	8.05	0.65	-	0		

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