

**BOD5 LOG****Analysis Date:** 07/11/2018**QC BATCH ID:** LB96567**ANALYST:** Indiana**BOD Water:** WP66056**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2151**Alkaline Iodide Azide:** W2241**POLYSEED:** WP66057**Sodium Thiosulfate, 0.025N:** W2337**GGA:** WP66058**NaOH, 0.25N:** WP62942**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP66059

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	8.5
WINKLER2	WINKLER 2	2	300	8.4	17.0	8.6	

Meter Calibration1 : 8.5

Zero DO Reading1 : 0.18 mg/L (<=0.2 Criteria)

After Incubation

Meter Calibration2 : 8.50

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



QC BATCH ID: LB96567

INCUBATOR TEMP IN(C): 20.7

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 09:25

TIME OUT: 12:00

DATE IN: 07/11/2018

DATE OUT: 07/16/2018

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
LB96567BL	1	No	6.0	N/A	19.9	300	8.49	8.47	0.02	0.02	0.02	
POLYSEED	1					10	8.44	3.59	4.85	0.97	0.95	
POLYSEED	2					15	8.43	1.55	6.88	0.92		
POLYSEED	3					20	8.41	0.75	-	0		
GGA	1					6	8.48	4.11	4.37	171	171	
GGA	2					6	8.50	4.04	4.46	175.5	175.5	
GGA	3					6	8.47	3.97	4.5	177.5	177.5	
J3911-01	1	No	7.2	N/A	18.8	2	8.30	6.10	2.2	187.5	250.05	
J3911-01	2					5	8.06	1.90	6.16	312.6		
J3911-01	3					20	7.63	0.57	-	0		
J3911-01	4					50	4.51	0.21	-	0		
J3911-03	1	No	6.8	N/A	18.8	2	8.22	3.20	5.02	610.5	610.5	
J3911-03	2					5	7.62	0.66	-	0		
J3911-03	3					20	6.85	0.41	-	0		
J3911-03	4					50	2.15	0.27	-	0		
J3921-02	1	No	6.8	N/A	18.7	5	8.26	7.40	-	0		
J3921-02	2					20	8.43	7.68	-	0		
J3921-02	3					50	8.63	7.82	-	0		
J3921-02	4					150	9.40	8.35	-	0		
J3921-03	1	No	6.8	N/A	18.7	5	8.25	8.25	-	0		
J3921-03	2					20	8.27	8.27	-	0		
J3921-03	3					50	8.78	8.78	-	0		
J3921-03	4					150	10.05	9.96	-	0		
J3921-04	1	No	6.8	N/A	18.7	5	8.14	7.83	-	0		
J3921-04	2					20	8.12	7.60	-	0		
J3921-04	3					50	7.97	6.82	-	0		
J3921-04	4					150	7.31	6.56	-	0		
J3921-04DUP	1	No	6.8	N/A	18.7	5	8.15	7.85	-	0		
J3921-04DUP	2					20	8.10	7.62	-	0		
J3921-04DUP	3					50	7.95	6.80	-	0		
J3921-04DUP	4					150	7.34	6.51	-	0		

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