

**BOD5 LOG****Analysis Date:** 05/03/2018**QC BATCH ID:** LB95090**ANALYST:** Indiana**BOD Water:** WP64197**SUPERVISOR:** apatel**Starch:** W2121**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2151**Alkaline Iodide Azide:** W2241**POLYSEED:** WP64799**Sodium Thiosulfate, 0.025N:** W2276**GGA:** WP64198**NaOH, 0.25N:** WP62942**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP64206

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.3	8.3	8.4
WINKLER2	WINKLER 2	2	300	8.3	16.8	8.5	

Meter Calibration1 : 8.4

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

After Incubation

Meter Calibration2 : 8.4

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

QC BATCH ID: LB95090

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 16:20

TIME OUT: 11:30

DATE IN: 05/03/2018

DATE OUT: 05/08/2018

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
LB95090BL	1	No	6.2	N/A	19.9	300	8.39	8.38	0.01	0.01	0.01	
POLYSEED	1					10	8.35	5.41	2.94	0.59	0.58	
POLYSEED	2					15	7.15	3.05	4.1	0.55		
POLYSEED	3					20	7.94	1.99	5.95	0.6		
GGA	1					6	8.33	3.87	4.46	194	194	
GGA	2					6	8.25	4.02	4.23	182.5	182.5	
GGA	3					6	8.28	3.91	4.37	189.5	189.5	
J2695-07	1	No	7.7	N/A	18.9	1	7.51	7.06	-	0	103.2	
J2695-07	2					5	7.48	5.18	2.3	103.2		
J2695-07	3					20	7.30	0.69	-	0		
J2695-07	4					50	6.96	0.63	-	0		
J2703-03	1	No	6.4	N/A	18.8	1	7.50	7.18	-	0	94.8	
J2703-03	2					5	7.49	5.33	2.16	94.8		
J2703-03	3					20	7.31	0.68	-	0		
J2703-03	4					50	7.01	0.60	-	0		
J2703-03DUP	1	No	6.4	N/A	18.8	1	7.52	7.15	-	0	96	
J2703-03DUP	2					5	7.48	5.30	2.18	96		
J2703-03DUP	3					20	7.29	0.69	-	0		
J2703-03DUP	4					50	7.04	0.57	-	0		
J2729-01	1	No	7.6	N/A	18.7	1	7.90	7.27	-	0	102	
J2729-01	2					5	7.85	5.57	2.28	102		
J2729-01	3					20	7.61	0.63	-	0		
J2729-01	4					50	7.06	0.61	-	0		

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