

**BOD5 LOG****Analysis Date:** 10/03/2018**QC BATCH ID:** LB98352**ANALYST:** Indiana**BOD Water:** WP68330**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP68331**Sodium Thiosulfate, 0.025N:** W2337**GGA:** WP68332**NaOH, 0.25N:** WP66873**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP68454

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.2	8.2	8.4
WINKLER2	WINKLER 2	2	300	8.2	16.8	8.6	

Meter Calibration1 : 8.4

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

Meter Calibration2 : 8.4

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

QC BATCH ID: LB98352

INCUBATOR TEMP IN(C): 20.7

INCUBATOR TEMP OUT(C): 20.7

TIME IN: 15:55

TIME OUT: 12:00

DATE IN: 10/03/2018

DATE OUT: 10/08/2018

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
LB98352BL	1	No	6.0	N/A	19.9	300	8.38	8.37	0.01	0.01	0.01	
POLYSEED	1					10	8.36	4.47	3.89	0.78	0.68	
POLYSEED	2					15	8.23	3.53	4.7	0.63		
POLYSEED	3					20	8.04	1.64	6.4	0.64		
GGA	1					6	8.31	4.08	4.23	177.5	177.5	
GGA	2					6	8.28	3.91	4.37	184.5	184.5	
GGA	3					6	8.30	3.97	4.33	182.5	182.5	
J5214-01	1	No	7.2	N/A	18.8	5	8.16	7.69	-	0		
J5214-01	2					20	8.12	7.33	-	0		
J5214-01	3					50	8.09	6.20	-	0		
J5214-01	4					150	8.03	6.14	-	0		
J5214-01DUP	1	No	7.2	N/A	18.8	5	8.18	7.70	-	0		
J5214-01DUP	2					20	8.14	7.31	-	0		
J5214-01DUP	3					50	8.10	6.24	-	0		
J5214-01DUP	4					150	8.01	6.12	-	0		
J5214-04	1	No	4.83	7.0	18.8	1	8.14	4.08	4.06	1014	415.65	pH Adjusted
J5214-04	2					5	8.08	1.24	6.84	369.6		
J5214-04	3					10	8.06	1.19	6.87	185.7		
J5214-04	4					20	8.02	1.12	6.9	93.3		
J5225-01	1	No	5.60	7.2	18.7	5	8.09	7.73	-	0		pH Adjusted
J5225-01	2					20	8.04	7.60	-	0		
J5225-01	3					50	7.93	7.53	-	0		
J5225-01	4					150	7.22	6.55	-	0		
J5225-02	1	No	6.2	N/A	18.7	5	8.40	7.70	-	0		
J5225-02	2					20	8.34	7.60	-	0		
J5225-02	3					50	8.25	6.61	-	0		
J5225-02	4					150	8.00	6.50	-	0		
J5225-03	1	No	6.2	N/A	18.7	5	8.32	7.58	-	0		
J5225-03	2					20	8.31	7.52	-	0		
J5225-03	3					50	8.26	7.37	-	0		
J5225-03	4					150	8.16	6.77	-	0		
J5225-04	1	No	6.4	N/A	18.7	5	8.40	7.34	-	0		
J5225-04	2					20	8.33	6.83	-	0		
J5225-04	3					50	8.02	6.62	-	0		
J5225-04	4					150	6.70	5.04	-	0		

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