

**BOD5 LOG****Analysis Date:** 04/13/2018**QC BATCH ID:** LB94616**ANALYST:** Indiana**BOD Water:** WP63712**SUPERVISOR:** apatel**Starch:** W2121**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2151**Alkaline Iodide Azide:** W2241**POLYSEED:** WP63713**Sodium Thiosulfate, 0.025N:** W2276**GGA:** WP63714**NaOH, 0.25N:** WP62942**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP63481

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	8.55
WINKLER2	WINKLER 2	2	300	8.4	17.1	8.7	

Meter Calibration1 : 8.55

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

Meter Calibration2 : 8.55

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

QC BATCH ID: LB94616INCUBATOR TEMP IN(C): 20.5INCUBATOR TEMP OUT(C): 20.5TIME IN: 17:55TIME OUT: 12:10DATE IN: 04/13/2018DATE OUT: 04/18/2018

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
LB94616BL	1	No	7.2	N/A	19.0	300	8.54	8.54	0	0	0	
POLYSEED	1					10	8.47	5.31	3.16	0.63	0.57	
POLYSEED	2					15	8.41	4.55	3.86	0.51		
POLYSEED	3					20	8.30	0.89	-	0		
GGA	1					6	8.49	4.20	4.29	186	186	
GGA	2					6	8.52	3.98	4.54	198.5	198.5	
GGA	3					6	8.53	4.09	4.44	193.5	193.5	
J2396-01	1	No	6.4	N/A	18.7	1	8.55	7.73	-	0	38.53	
J2396-01	2					5	8.54	7.28	-	0		
J2396-01	3					20	8.52	5.46	3.06	37.35		
J2396-01	4					50	8.50	1.31	7.19	39.72		
J2396-01DUP	1	No	6.4	N/A	18.7	1	8.56	7.75	-	0	38.16	
J2396-01DUP	2					5	8.53	7.30	-	0		
J2396-01DUP	3					20	8.51	5.48	3.03	36.9		
J2396-01DUP	4					50	8.48	1.34	7.14	39.42		
J2397-02	1	No	6.4	N/A	18.8	0.5	8.60	6.55	2.05	888	967.5	
J2397-02	2					1	8.64	4.58	4.06	1047		
J2397-02	3					5	8.68	0.35	-	0		
J2397-02	4					20	8.62	0.29	-	0		

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

WORKLIST(Hardcopy Internal Chain)

2894616

WorkList Name : BOD041318

WorkList ID : 110775

Date : 4/13/2018 4:45:07 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/15/2018	Water	J2396-01	BOD5	Cool 4 deg C	PHAR02	N13	15220032-1	04/13/2018	SM5210 B
04/15/2018	Water	J2397-02	BOD5	Cool 4 deg C	ARDM01	N21	EFF-WW	04/13/2018	SM5210 B

Date/Time 04/13/18 17:30
 Received by: IB
 Relinquished by: CR

Date/Time 04/13/18 18:28
 Received by: CR
 Relinquished by: IB