

**BOD5 LOG****Analysis Date:** 08/09/2018**QC BATCH ID:** LB97203**ANALYST:** Indiana**BOD Water:** WP66877**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP66878**Sodium Thiosulfate, 0.025N:** W2337**GGA:** WP66879**NaOH, 0.25N:** WP62942**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP66831

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.5	8.5	8.5
WINKLER2	WINKLER 2	2	300	8.5	17.0	8.5	

Meter Calibration1 : 8.5

Zero DO Reading1 : 0.18 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.5

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

QC BATCH ID: LB97203

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.7

TIME IN: 17:00

TIME OUT: 12:20

DATE IN: 08/09/2018

DATE OUT: 08/14/2018

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
LB97203BL	1	No	6.0	N/A	19.9	300	8.47	8.46	0.01	0.01	0.01	
POLYSEED	1					10	8.49	5.03	3.46	0.69	0.6	
POLYSEED	2					15	8.47	4.16	4.31	0.57		
POLYSEED	3					20	8.45	2.94	5.51	0.55		
GGA	1					6	8.47	4.13	4.34	187	187	
GGA	2					6	8.45	4.07	4.38	189	189	
GGA	3					6	8.47	4.10	4.37	188.5	188.5	
J4403-01	1	No	8.12	7.2	18.9	0.5	8.46	7.23	-	0	126.15	pH Adjusted
J4403-01	2					1	8.45	6.79	-	0		
J4403-01	3					2	8.40	6.81	-	0		
J4403-01	4					5	8.35	5.03	3.32	163.2		
J4403-01	5					10	8.35	4.78	3.57	89.1		
J4403-05	1	No	4.56	7.0	18.9	0.01	8.41	7.49	-	0	7830	pH Adjusted
J4403-05	2					0.05	8.38	6.40	-	0		
J4403-05	3					0.1	8.37	5.16	3.21	7830		
J4403-05	4					0.5	8.32	0.89	-	0		
J4403-05	5					1	8.27	0.85	-	0		
J4411-01	1	No	6.8	N/A	18.8	1	8.31	7.46	-	0	90.6	
J4411-01	2					5	8.25	6.11	2.14	92.4		
J4411-01	3					20	8.13	1.61	6.52	88.8		
J4411-01	4					50	7.99	0.80	-	0		
J4411-01DUP	1	No	6.8	N/A	18.8	1	8.33	7.44	-	0	89.78	
J4411-01DUP	2					5	8.24	6.12	2.12	91.2		
J4411-01DUP	3					20	8.12	1.63	6.49	88.35		
J4411-01DUP	4					50	7.97	0.82	-	0		

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

2B97204

WORKLIST(Hardcopy Internal Chain)

WorkList Name : SBOD080918

WorkList ID : 115467

Date : 8/9/2018 4:38:41 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
08/10/2018	Water	J4403-01	BOD Soluble	Cool 4 deg C	HOLL01	O53	EFFLUENT	08/08/2018	SM5210 B

Date/Time 08/09/18 16:40
Received by: IB
Relinquished by: IB

Date/Time 08/09/18 17:25
Received by: IB
Relinquished by: IB