

**BOD5 LOG****Analysis Date:** 05/24/2018**QC BATCH ID:** LB95571**ANALYST:** Indiana**BOD Water:** WP64749**SUPERVISOR:** apatel**Starch:** W2121**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2151**Alkaline Iodide Azide:** W2241**POLYSEED:** WP64750**Sodium Thiosulfate, 0.025N:** W2276**GGA:** WP64751**NaOH, 0.25N:** WP62942**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP64752

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	8.45
WINKLER2	WINKLER 2	2	300	8.4	16.9	8.5	

Meter Calibration1 : 8.45Zero DO Reading1 : 0.18 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.45Zero DO Reading2 : 0.17 mg/L (<=0.2 Criteria)



QC BATCH ID: LB95571

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 10:30

TIME OUT: 10:10

DATE IN: 05/24/2018

DATE OUT: 05/29/2018

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
LB95571BL	1	No	6.0	N/A	19.8	300	8.44	8.43	0.01	0.01	0.01	
POLYSEED	1					10	8.38	5.06	3.32	0.66	0.59	
POLYSEED	2					15	8.39	4.10	4.29	0.57		
POLYSEED	3					20	8.32	2.90	5.42	0.54		
GGA	1					6	8.24	3.86	4.38	189.5	189.5	
GGA	2					6	8.26	3.92	4.34	187.5	187.5	
GGA	3					6	8.25	3.95	4.3	185.5	185.5	
J3072-01	1	No	10.22	N/A	7.0	0.05	8.27	7.03	-	0	1122	
J3072-01	2					0.1	8.26	6.88	-	0		
J3072-01	3					0.5	8.25	5.79	2.46	1122		
J3072-01	4					2	8.22	0.86	-	0		
J3072-01	5					10	8.15	0.71	-	0		
J3079-01	1	No	6.8	N/A	18.8	0.5	8.28	6.45	-	0	394.67	
J3079-01	2					1	8.24	5.80	2.44	555		
J3079-01	3					2	8.16	5.25	2.91	348		
J3079-01	4					3	8.14	4.74	3.4	281		
J3079-01DUP	1	No	6.8	N/A	18.8	0.5	8.29	6.43	-	0	396.33	
J3079-01DUP	2					1	8.25	5.81	2.44	555		
J3079-01DUP	3					2	8.15	5.22	2.93	351		
J3079-01DUP	4					3	8.12	4.70	3.42	283		

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

LB 95571

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD052318

WorkList ID : 112499

Date : 5/23/2018 12:21:51 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
05/24/2018	Water	J3072-01	BOD5	Cool 4 deg C	MAJO01	L52	DRAIN-WATER-TANK-1	05/22/2018	SM5210 B
05/25/2018	Water	J3079-01	BOD5	Cool 4 deg C	ARAM01	L41	COMP	05/23/2018	SM5210 B

Date/Time 05/24/18 9:00
 Received by: IB
 Relinquished by: IB

Date/Time 05/24/18 11:10
 Received by: IB
 Relinquished by: IB