

**BOD5 LOG****Analysis Date:** 05/04/2018**QC BATCH ID:** LB95147**ANALYST:** Indiana**BOD Water:** WP64251**SUPERVISOR:** apatel**Starch:** W2121**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2151**Alkaline Iodide Azide:** W2241**POLYSEED:** WP64253**Sodium Thiosulfate, 0.025N:** W2276**GGA:** WP64252**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	8.4	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 : 0.18 mg/L (<=0.2 Criteria)

QC BATCH ID: LB95147

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 17:30

TIME OUT: 11:45

DATE IN: 05/04/2018

DATE OUT: 05/09/2018

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
LB95147BL	1	No	6.2	N/A	19.9	300	8.53	8.52	0.01	0.01	0.01	
POLYSEED	1					10	8.39	4.22	4.17	0.83	0.79	
POLYSEED	2					15	8.37	1.99	6.38	0.85		
POLYSEED	3					20	8.31	1.55	6.76	0.68		
GGA	1					6	8.52	4.34	4.18	169.5	169.5	
GGA	2					6	8.53	3.96	4.57	189	189	
GGA	3					6	8.50	4.13	4.37	179	179	
J2759-01	1	No	8.27	N/A	18.7	1	8.45	7.05	-	0	8.58	
J2759-01	2					5	8.40	6.98	-	0		
J2759-01	3					20	8.18	6.20	-	0		
J2759-01	4					50	7.74	5.52	2.22	8.58		
J2764-01	1	No	7.2	N/A	18.8	1	8.49	7.17	-	0	20.32	
J2764-01	2					5	8.45	6.73	-	0		
J2764-01	3					20	8.42	6.00	2.42	24.45		
J2764-01	4					50	8.27	4.78	3.49	16.2		
J2766-01	1	No	6.4	N/A	18.8	5	8.35	4.62	3.73	176.4	155.1	
J2766-01	2					10	8.30	3.05	5.25	133.8		
J2766-01	3					50	7.57	0.31	-	0		
J2766-01	4					100	6.35	0.28	-	0		
J2766-02	1	No	6.4	N/A	18.8	5	8.28	5.52	2.76	118.2	107.25	
J2766-02	2					10	8.18	4.18	4	96.3		
J2766-02	3					50	7.12	0.34	-	0		
J2766-02	4					100	6.21	0.31	-	0		
J2766-02DUP	1	No	6.4	N/A	18.8	5	8.30	5.53	2.77	118.8	107.55	
J2766-02DUP	2					10	8.17	4.17	4	96.3		
J2766-02DUP	3					50	7.14	0.32	-	0		
J2766-02DUP	4					100	6.19	0.29	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB95147

WorkList Name : BOD050418

WorkList ID : 111670

Date : 5/4/2018 2:41:12 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
05/06/2018	Water	J2759-01	BOD5	Cool 4 deg C	PSEG01	I22	TP-2	05/04/2018	SM5210 B
05/06/2018	Water	J2764-01	BOD5	Cool 4 deg C	PSEG01	I23	WATER-WELL	05/04/2018	SM5210 B
05/05/2018	Water	J2766-01	BOD5	Cool 4 deg C	TULL01	J43	001M-WILLETS-PT-BLVD(MA)	05/03/2018	SM5210 B
05/05/2018	Water	J2766-02	BOD5	Cool 4 deg C	TULL01	J43	002M-35TH-AVE(MAY)	05/03/2018	SM5210 B

Date/Time 05/04/18 16:58

Received by: IB

Relinquished by: CB

Date/Time 05/04/18 17:55

Received by: CB

Relinquished by: IB