

**BOD5 LOG****Analysis Date:** 03/13/2019**QC BATCH ID:** LB101363**ANALYST:** Indiana**BOD Water:** WP72530**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2482**Alkaline Iodide Azide:** W2472**POLYSEED:** WP72531**Sodium Thiosulfate, 0.025N:** WP71781**GGA:** WP72532**NaOH, 0.25N:** WP71104**Chlorine Strips:** W2429**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP72533

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.6	8.6	8.7
WINKLER2	WINKLER 2	2	300	8.6	17.4	8.8	

Meter Calibration1 : 8.7

Zero DO Reading1 : 0.19 mg/L (<=0.2 Criteria)

After Incubation

Meter Calibration2 : 8.7

Zero DO Reading2 : 0.18 mg/L (<=0.2 Criteria)



QC BATCH ID: LB101363

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 10:20

TIME OUT: 11:00

DATE IN: 03/13/2019

DATE OUT: 03/18/2019

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
LB101363BL	1	No	6.0	N/A	20.1	300	8.68	8.67	0.01	0.01	0.01	
POLYSEED	1					10	8.64	6.00	2.64	0.53	0.54	
POLYSEED	2					15	8.61	4.67	3.94	0.53		
POLYSEED	3					20	8.55	2.93	5.62	0.56		
GGA	1					6	8.63	4.30	4.33	189.5	189.5	
GGA	2					6	8.60	4.25	4.35	190.5	190.5	
GGA	3					6	8.61	4.21	4.4	193	193	
K1844-02	1	No	7.6	N/A	18.8	1	8.57	6.50	2.07	459	435.9	
K1844-02	2					5	8.52	1.10	7.42	412.8		
K1844-02	3					20	8.32	0.21	-	0		
K1844-02	4					50	8.32	0.05	-	0		
K1844-02DUP	1	No	7.6	N/A	18.8	1	8.57	6.55	2.02	444	426.9	
K1844-02DUP	2					5	8.52	1.15	7.37	409.8		
K1844-02DUP	3					20	8.30	0.18	-	0		
K1844-02DUP	4					50	7.15	0.08	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB101363

WorkList Name : BOD5031319

WorkList ID : 123360

Date : 03-13-2019 9:55:52

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/13/2019	Water	K1844-02	BOD5	Cool 4 deg C	PSEG01	K31	DRUM-1-4	03/11/2019	SM5210 B

Date/Time 03/13/19 9:58
 Received by: IB
 Relinquished by: 1P

Date/Time 03/13/19 11:00
 Received by: IB
 Relinquished by: IB