

**BOD5 LOG****Analysis Date:** 01/18/2019**QC BATCH ID:** LB100402**ANALYST:** Indiana**BOD Water:** WP71041**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP71042**Sodium Thiosulfate, 0.025N:** WP70959**GGA:** WP71043**NaOH, 0.25N:** WP71104**Chlorine Strips:** W2429**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP71046

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.3	8.3	8.4
WINKLER2	WINKLER 2	2	300	8.3	16.8	8.5	

Meter Calibration1 : 8.4

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

Meter Calibration2 : 8.4

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



QC BATCH ID: LB100402

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 17:35

TIME OUT: 12:30

DATE IN: 01/18/2019

DATE OUT: 01/23/2019

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
LB100402BL	1	No	6.0	N/A	19.9	300	8.39	8.37	0.02	0.02	0.02	
POLYSEED	1					10	8.37	5.13	3.24	0.65	0.6	
POLYSEED	2					15	8.31	3.90	4.41	0.59		
POLYSEED	3					20	8.21	2.57	5.64	0.56		
GGA	1					6	8.35	4.16	4.19	179.5	179.5	
GGA	2					6	8.36	4.09	4.27	183.5	183.5	
GGA	3					6	8.33	4.12	4.21	180.5	180.5	
K1200-01	1	No	6.8	N/A	18.7	5	8.38	7.66	-	0		
K1200-01	2					20	8.45	7.97	-	0		
K1200-01	3					50	8.57	8.13	-	0		
K1200-01	4					150	9.13	8.64	-	0		
K1200-01DUP	1	No	6.8	N/A	18.7	5	8.37	7.64	-	0		
K1200-01DUP	2					20	8.46	7.99	-	0		
K1200-01DUP	3					50	8.60	8.15	-	0		
K1200-01DUP	4					150	9.15	8.66	-	0		

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

LB100402

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD011819

WorkList ID : 121474

Date : 1/18/2019 5:13:16 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/20/2019	Water	K1200-01	BOD5	Cool 4 deg C	PSEG01	K31	WS-1	01/18/2019	SM5210 B

Date/Time 01/18/19 5:15
 Received by: IB
 Relinquished by: IB

Date/Time 01/18/19 17:49
 Received by: IB
 Relinquished by: IB