

**BOD5 LOG****Analysis Date:** 03/01/2019**QC BATCH ID:** LB101119**ANALYST:** Indiana**BOD Water:** WP72150**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2482**Alkaline Iodide Azide:** W2472**POLYSEED:** WP72151**Sodium Thiosulfate, 0.025N:** WP71781**GGA:** WP72152**NaOH, 0.25N:** WP71104**Chlorine Strips:** W2429**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP72065

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

Meter Calibration2 : 8.55

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



QC BATCH ID: LB101119

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 17:30

TIME OUT: 11:40

DATE IN: 03/01/2019

DATE OUT: 03/06/2019

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
LB101119BL	1	No	6.0	N/A	20.1	300	8.53	8.52	0.01	0.01	0.01	
POLYSEED	1					10	8.42	5.19	3.23	0.65	0.63	
POLYSEED	2					15	8.39	3.76	4.63	0.62		
POLYSEED	3					20	8.31	2.02	6.29	0.63		
GGA	1					6	8.51	4.14	4.37	187	187	
GGA	2					6	8.49	4.10	4.39	188	188	
GGA	3					6	8.50	4.11	4.39	188	188	
K1700-01	1	No	6.4	N/A	18.6	1	8.45	7.69	-	0	61.35	
K1700-01	2					5	8.42	6.71	-	0		
K1700-01	3					20	8.30	3.58	4.72	61.35		
K1700-01	4					50	7.93	0.08	-	0		
K1715-13	1	No	6.4	N/A	18.6	5	8.45	7.89	-	0		
K1715-13	2					20	8.35	7.85	-	0		
K1715-13	3					50	8.33	7.58	-	0		
K1715-13	4					150	7.28	6.56	-	0		
K1715-13DUP	1	No	6.4	N/A	18.6	5	8.46	7.88	-	0		
K1715-13DUP	2					20	8.37	7.81	-	0		
K1715-13DUP	3					50	8.31	7.60	-	0		
K1715-13DUP	4					150	7.30	6.54	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB101119

WorkList Name : BOD5030119

WorkList ID : 122922

Date : 03-01-2019 16:46:28

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/03/2019	Water	K1700-01	BOD5	Cool 4 deg C	PSEG01	K31	NB-21841-21842	03/01/2019	SM5210 B
03/03/2019	Water	K1715-13	BOD5	Cool 4 deg C	PSEG01	K31	TP-4-B	03/01/2019	SM5210 B

Date/Time 03/01/19 16:50
 Received by: IB
 Relinquished by: JB

Date/Time 03/01/19 17:50
 Received by: JB
 Relinquished by: JB