

**BOD5 LOG****Analysis Date:** 01/25/2019**QC BATCH ID:** LB100496**ANALYST:** indiana**BOD Water:** WP71220**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2472**POLYSEED:** WP71222**Sodium Thiosulfate, 0.025N:** WP70959**GGA:** WP71221**NaOH, 0.25N:** WP71104**Chlorine Strips:** W2429**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP71223

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.5	8.5	8.55
WINKLER2	WINKLER 2	2	300	8.5	17.1	8.6	

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: LB100496

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 17:35

TIME OUT: 12:00

DATE IN: 01/25/2019

DATE OUT: 01/30/2019

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
LB100496BL	1	No	6.0	N/A	20.0	300	8.52	8.52	0	0	0	
POLYSEED	1					10	8.54	5.07	3.47	0.69	0.69	
POLYSEED	2					15	8.51	3.60	4.91	0.65		
POLYSEED	3					20	8.49	1.34	7.15	0.72		
GGA	1					6	8.51	4.15	4.36	183.5	183.5	
GGA	2					6	8.48	4.03	4.45	188	188	
GGA	3					6	8.49	4.10	4.39	185	185	
K1249-01	1	No	6.8	N/A	18.9	0.5	8.53	7.06	-	0	599.25	
K1249-01	2					1	8.50	6.42	2.08	417		
K1249-01	3					2	8.49	2.59	5.9	781.5		
K1249-01	4					5	8.47	0.57	-	0		
K1249-01	5					10	8.39	0.08	-	0		
K1249-01DUP	1	No	6.8	N/A	18.9	0.5	8.52	7.10	-	0	600	
K1249-01DUP	2					1	8.51	6.40	2.11	426		
K1249-01DUP	3					2	8.48	2.63	5.85	774		
K1249-01DUP	4					5	8.45	0.60	-	0		
K1249-01DUP	5					10	8.40	0.10	-	0		
K1249-03	1	No	6.8	N/A	18.9	0.01	8.50	7.12	-	0	7740	
K1249-03	2					0.05	8.49	6.74	-	0		
K1249-03	3					0.1	8.47	5.20	3.27	7740		
K1249-03	4					0.5	8.45	0.07	-	0		
K1249-03	5					1	8.42	0.06	-	0		
K1250-04	1	No	6.4	N/A	18.7	1	8.50	5.79	2.71	606	606	
K1250-04	2					5	8.43	0.90	-	0		
K1250-04	3					20	8.32	0.08	-	0		
K1250-04	4					50	8.02	0.07	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 100496

WorkList Name : BOD012519

WorkList ID : 121643

Date : 1/25/2019 4:42:26 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/26/2019	Water	K1249-01	BOD5	Cool 4 deg C	HOLL01	L33	EFFLUENT	01/24/2019	SM5210 B
01/26/2019	Water	K1249-03	BOD5	Cool 4 deg C	HOLL01	L33	INFLUENT	01/24/2019	SM5210 B
01/27/2019	Water	K1250-04	BOD5	Cool 4 deg C	PSEG01	K31	DRUM-1-3	01/25/2019	SM5210 B

Date/Time 01/25/19 16:50
 Received by: IB
 Relinquished by: [Signature]

Date/Time 01/25/19 17:45
 Received by: [Signature]
 Relinquished by: IB