

**BOD5 LOG****Analysis Date:** 02/01/2019**QC BATCH ID:** LB100610**ANALYST:** Indiana**BOD Water:** WP71361**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP71362**Sodium Thiosulfate, 0.025N:** WP70959**GGA:** WP71363**NaOH, 0.25N:** WP71104**Chlorine Strips:** W2429**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP71304

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	8.6
WINKLER2	WINKLER 2	2	300	8.4	17.2	8.8	

Meter Calibration1 : 8.6

Zero DO Reading1 : 0.18 mg/L (<=0.2 Criteria)

After Incubation

Meter Calibration2 : 8.6

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



QC BATCH ID: LB100610

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 16:45

TIME OUT: 11:00

DATE IN: 02/01/2019

DATE OUT: 02/06/2019

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
LB100610BL	1	No	6.0	N/A	19.9	300	8.58	8.57	0.01	0.01	0.01	
POLYSEED	1					10	8.48	5.50	2.98	0.6	0.53	
POLYSEED	2					15	8.43	4.78	3.65	0.49		
POLYSEED	3					20	8.36	3.31	5.05	0.51		
GGA	1					6	8.52	4.15	4.37	192	192	
GGA	2					6	8.55	4.18	4.37	192	192	
GGA	3					6	8.53	4.16	4.37	192	192	
K1359-03	1	No	6.4	N/A	18.8	0.5	8.54	6.29	2.25	1032	979.5	
K1359-03	2					1	8.53	4.91	3.62	927		
K1359-03	3					5	8.52	0.09	-	0		
K1359-03	4					20	8.49	0.06	-	0		
K1363-02	1	No	6.4	N/A	18.7	5	8.51	7.75	-	0		
K1363-02	2					20	8.36	7.25	-	0		
K1363-02	3					50	8.15	7.00	-	0		
K1363-02	4					150	7.01	5.93	-	0		
K1363-02DUP	1	No	6.4	N/A	18.7	5	8.50	7.74	-	0		
K1363-02DUP	2					20	8.34	7.22	-	0		
K1363-02DUP	3					50	8.14	7.05	-	0		
K1363-02DUP	4					150	7.00	5.95	-	0		

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

LB100610

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD020119

WorkList ID : 121847

Date : 2/1/2019 4:05:17 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/03/2019	Water	K1359-03	BOD5	Cool 4 deg C	PSEG01	K31	COMP-3	02/01/2019	SM5210 B
02/03/2019	Water	K1363-02	BOD5	Cool 4 deg C	AREC01	L63	INFLUENT	02/01/2019	SM5210 B

Date/Time 02/01/19 16:10
 Received by: IS
 Relinquished by: CS

Date/Time 02/01/19 17:07
 Received by: IS
 Relinquished by: IS