

**BOD5 LOG****Analysis Date:** 01/17/2019**QC BATCH ID:** LB100372**ANALYST:** Indiana**BOD Water:** WP70997**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP70998**Sodium Thiosulfate, 0.025N:** WP70959**GGA:** WP70999**NaOH, 0.25N:** WP68486**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	8.5
WINKLER2	WINKLER 2	2	300	8.3	17.0	8.7	

Meter Calibration1 : 8.5

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

After Incubation

Meter Calibration2 : 8.5

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



QC BATCH ID: LB100372

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 11:40

TIME OUT: 11:00

DATE IN: 01/17/2019

DATE OUT: 01/22/2019

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
LB100372BL	1	No	6.0	N/A	19.8	300	8.47	8.46	0.01	0.01	0.01	
POLYSEED	1					10	8.35	5.20	3.15	0.63	0.63	
POLYSEED	2					15	8.29	3.91	4.38	0.58		
POLYSEED	3					20	8.26	1.47	6.79	0.68		
GGA	1					6	8.45	4.13	4.32	184.5	184.5	
GGA	2					6	8.43	4.08	4.35	186	186	
GGA	3					6	8.42	4.10	4.32	184.5	184.5	
K1148-01	1	No	6.70	N/A	18.9	5	8.42	7.02	-	0		
K1148-01	2					20	8.43	7.18	-	0		
K1148-01	3					50	8.48	7.33	-	0		
K1148-01	4					150	8.56	8.03	-	0		
K1148-04	1	No	6.4	N/A	18.9	5	8.46	6.64	-	0		
K1148-04	2					20	8.49	7.54	-	0		
K1148-04	3					50	8.56	7.97	-	0		
K1148-04	4					150	8.84	8.11	-	0		
K1151-03	1	No	7.0	N/A	18.8	5	8.55	7.43	-	0		
K1151-03	2					20	8.68	7.80	-	0		
K1151-03	3					50	8.93	8.12	-	0		
K1151-03	4					150	11.20	9.30	-	0		
K1165-01	1	No	10.48	7.0	18.8	0.5	8.46	6.73	-	0	458.33	pH Adjusted
K1165-01	2					1	8.43	5.50	2.93	690		
K1165-01	3					2	8.41	5.10	3.31	402		
K1165-01	4					3	8.40	4.94	3.46	283		
K1165-01DUP	1	No	10.48	7.0	18.8	0.5	8.47	6.75	-	0	459.33	pH Adjusted
K1165-01DUP	2					1	8.44	5.52	2.92	687		
K1165-01DUP	3					2	8.42	5.07	3.35	408		
K1165-01DUP	4					3	8.38	4.92	3.46	283		
K1179-01	1	No	6.8	N/A	18.8	0.5	8.48	6.81	-	0	567.4	
K1179-01	2					1	8.39	5.24	3.15	756		
K1179-01	3					2	8.38	3.61	4.77	621		
K1179-01	4					5	8.37	2.32	6.05	325.2		
K1179-01	5					10	8.35	0.08	-	0		
K1179-03	1	No	6.4	N/A	18.4	0.01	8.44	7.18	-	0	11235	
K1179-03	2					0.05	8.43	5.57	2.86	13380		
K1179-03	3					0.1	8.40	4.74	3.66	9090		
K1179-03	4					0.5	8.39	0.07	-	0		
K1179-03	5					1	8.37	0.05	-	0		

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

LB/00372

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD011719

WorkList ID : 121391

Date : 1/17/2019 9:20:47 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/18/2019	Water	K1148-01	BOD5	Cool 4 deg C	PSEG01	K21	T-1	01/16/2019	SM5210 B
01/18/2019	Water	K1148-04	BOD5	Cool 4 deg C	PSEG01	K21	T-2	01/16/2019	SM5210 B
01/16/2019	Water	K1151-03	BOD5	Cool 4 deg C	SHAW22	K41	OUTFALL001-190115	01/15/2019	SM5210 B
01/11/2019	Water	K1165-01	BOD5	Cool 4 deg C	ARAM01	K11	COMP	01/16/2019	SM5210 B
01/17/2019	Water	K1179-01	BOD5	Cool 4 deg C	HOLL01	K63	EFFLUENT	01/15/2019	SM5210 B
01/17/2019	Water	K1179-03	BOD5	Cool 4 deg C	HOLL01	K63	INFLUENT	01/15/2019	SM5210 B

Date/Time

Received by:

Relinquished by:

Date/Time

Received by:

Relinquished by: