

**BOD5 LOG****Analysis Date:** 04/03/2019**QC BATCH ID:** LB101933**ANALYST:** Indiana**BOD Water:** WP73273**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2472**POLYSEED:** WP73275**Sodium Thiosulfate, 0.025N:** WP71781**GGA:** WP73274**NaOH, 0.25N:** WP71104**Chlorine Strips:** W2429**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP73276

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: LB101933

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.7

TIME IN: 14:00

TIME OUT: 12:00

DATE IN: 04/03/2019

DATE OUT: 04/08/2019

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
LB101933BL	1	No	6.0	N/A	20.1	300	8.54	8.52	0.02	0.02	0.02	
POLYSEED	1					10	8.42	6.09	2.33	0.47	0.52	
POLYSEED	2					15	8.40	4.68	3.72	0.5		
POLYSEED	3					20	8.34	2.30	6.04	0.6		
GGA	1					6	8.48	4.33	4.15	181.5	181.5	
GGA	2					6	8.49	4.28	4.21	184.5	184.5	
GGA	3					6	8.51	4.20	4.31	189.5	189.5	
K2233-02	1	No	7.8	N/A	19.9	2	8.54	8.20	-	0	22.86	
K2233-02	2					10	8.45	7.53	-	0		
K2233-02	3					50	8.25	3.92	4.33	22.86		
K2233-02	4					100	7.60	0.14	-	0		
K2235-01	1	No	6.4	N/A	18.9	5	8.49	7.51	-	0	24.72	
K2235-01	2					10	8.47	7.33	-	0		
K2235-01	3					50	8.05	3.41	4.64	24.72		
K2235-01	4					100	7.24	0.07	-	0		
K2235-02	1	No	6.4	N/A	18.9	5	8.51	7.84	-	0	29.64	
K2235-02	2					10	8.50	7.48	-	0		
K2235-02	3					50	8.09	2.63	5.46	29.64		
K2235-02	4					100	7.48	0.07	-	0		
K2247-02	1	No	6.4	N/A	18.9	5	8.59	8.01	-	0		
K2247-02	2					20	8.68	8.46	-	0		
K2247-02	3					50	9.00	8.73	-	0		
K2247-02	4					150	10.58	10.40	-	0		
K2247-02DUP	1	No	6.4	N/A	18.9	5	8.56	8.05	-	0		
K2247-02DUP	2					20	8.66	8.42	-	0		
K2247-02DUP	3					50	9.02	8.72	-	0		
K2247-02DUP	4					150	10.53	10.38	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 101933

WorkList Name : BOD040319

WorkList ID : 124340

Date : 04-03-2019 10:21:04

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/04/2019	Water	K2233-02	BOD5	Cool 4 deg C	M&MM01	F51	FE-19C	04/02/2019	SM5210 B
04/04/2019	Water	K2235-01	BOD5	Cool 4 deg C	TULL01	F12	001M-WILLETS-PT-BLVD(API	04/02/2019	SM5210 B
04/04/2019	Water	K2235-02	BOD5	Cool 4 deg C	TULL01	F12	002M-35TH-AVE(APR)	04/02/2019	SM5210 B
04/04/2019	Water	K2247-02	BOD5	Cool 4 deg C	SHAW22	F61	OUTFALL001-190402	04/02/2019	SM5210 B

Date/Time

Received by:

Relinquished by:

04/03/19 13:00
LB
CP

Date/Time

Received by:

Relinquished by:

04/03/19 15:00
CP
LB