

**BOD5 LOG****Analysis Date:** 02/20/2019**QC BATCH ID:** LB100938**ANALYST:** Indiana**BOD Water:** WP71828**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2482**Alkaline Iodide Azide:** W2472**POLYSEED:** WP71830**Sodium Thiosulfate, 0.025N:** WP71781**GGA:** WP71829**NaOH, 0.25N:** WP71104**Chlorine Strips:** W2350**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP71831

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.2	8.2	8.45
WINKLER2	WINKLER 2	2	300	8.3	17.0	8.7	

Meter Calibration1 : 8.45Zero DO Reading1 : 0.18 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.45Zero DO Reading2 : 0.17 mg/L (<=0.2 Criteria)



QC BATCH ID: LB100938

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 16:30

TIME OUT: 11:00

DATE IN: 02/20/2019

DATE OUT: 02/25/2019

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
LB100938BL	1	No	6.0	N/A	20.1	300	8.48	8.43	0.05	0.05	0.05	
POLYSEED	1					10	8.49	4.70	3.79	0.76	0.76	
POLYSEED	2					15	8.46	2.83	5.63	0.75		
POLYSEED	3					20	8.44	0.78	-	0		
GGA	1					6	8.50	4.30	4.2	172	172	
GGA	2					6	8.47	4.25	4.22	173	173	
GGA	3					6	8.47	4.21	4.26	175	175	
K1535-01	1	No	6.4	N/A	18.8	0.5	8.46	6.78	-	0	442.67	
K1535-01	2					1	8.49	6.24	2.25	447		
K1535-01	3					2	8.49	4.81	3.68	438		
K1535-01	4					3	8.47	3.28	5.19	443		
K1535-01DUP	1	No	6.4	N/A	18.8	0.5	8.48	6.80	-	0	439.83	
K1535-01DUP	2					1	8.47	6.24	2.23	441		
K1535-01DUP	3					2	8.46	4.77	3.69	439.5		
K1535-01DUP	4					3	8.46	3.31	5.15	439		
K1548-03	1	No	6.8	N/A	19.0	5	8.46	7.58	-	0		
K1548-03	2					20	8.53	7.90	-	0		
K1548-03	3					50	8.72	7.99	-	0		
K1548-03	4					150	9.81	8.39	-	0		

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

WORKLIST(Hardcopy Internal Chain)

L13 100938

WorkList Name : BOD022019

WorkList ID : 122512

Date : 02-20-2019 12:01:28

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/22/2019	Water	K1535-01	BOD5	Cool 4 deg C	ARAM01	M41	COMP	02/20/2019	SM5210 B
02/21/2019	Water	K1548-03	BOD5	Cool 4 deg C	SHAW22	M41	OUTFALL001-190219	02/19/2019	SM5210 B

Date/Time 02/20/19 15:00
 Received by: JB
 Relinquished by: JB

Date/Time 02/20/19 16:30
 Received by: JB
 Relinquished by: JB