

**BOD5 LOG****Analysis Date:** 03/20/2019**QC BATCH ID:** LB101503**ANALYST:** Indiana**BOD Water:** WP72719**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2482**Alkaline Iodide Azide:** W2472**POLYSEED:** WP72721**Sodium Thiosulfate, 0.025N:** WP71781**GGA:** WP72720**NaOH, 0.25N:** WP71104**Chlorine Strips:** W2429**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP72722

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	8.6
WINKLER2	WINKLER 2	2	300	8.5	17.2	8.7	

Meter Calibration1 : 8.6

Zero DO Reading1 : 0.19 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.6

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



QC BATCH ID: LB101503

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.7

TIME IN: 11:20

TIME OUT: 08:40

DATE IN: 03/20/2019

DATE OUT: 03/25/2019

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
LB101503BL	1	No	6.0	N/A	20.0	300	8.59	8.59	0	0	0	
POLYSEED	1					10	8.48	5.38	3.1	0.62	0.52	
POLYSEED	2					15	8.43	5.09	3.34	0.45		
POLYSEED	3					20	8.35	3.40	4.95	0.5		
GGA	1					6	8.47	4.33	4.14	181	181	
GGA	2					6	8.45	4.15	4.3	189	189	
GGA	3					6	8.44	3.98	4.46	197	197	
K2019-03	1	No	7.0	N/A	18.9	5	8.52	8.32	-	0		
K2019-03	2					20	8.57	8.01	-	0		
K2019-03	3					50	8.66	8.13	-	0		
K2019-03	4					150	9.25	8.91	-	0		
K2019-03DUP	1	No	7.0	N/A	18.9	5	8.54	8.30	-	0		
K2019-03DUP	2					20	8.56	8.00	-	0		
K2019-03DUP	3					50	8.68	8.11	-	0		
K2019-03DUP	4					150	9.20	8.89	-	0		
K2020-02	1	No	6.8	N/A	19.0	5	8.56	8.47	-	0		
K2020-02	2					20	8.54	7.99	-	0		
K2020-02	3					50	8.63	7.75	-	0		
K2020-02	4					150	8.88	8.47	-	0		
K2020-03	1	No	6.8	N/A	19.0	5	8.55	8.33	-	0		
K2020-03	2					20	8.66	8.66	-	0		
K2020-03	3					50	9.03	9.03	-	0		
K2020-03	4					150	9.48	9.48	-	0		
K2020-04	1	No	6.8	N/A	19.0	5	8.53	8.29	-	0		
K2020-04	2					20	8.56	6.99	-	0		
K2020-04	3					50	8.69	8.54	-	0		
K2020-04	4					150	9.50	8.82	-	0		

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

LB101503

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD032019 WorkList ID : 123701 Date : 03-20-2019 10:21:11

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/21/2019	Water	K2019-03	BOD5	Cool 4 deg C	SHAW22	F31	OUTFALL001-190319	03/19/2019	SM5210 B
03/20/2019	Water	K2020-02	BOD5	Cool 4 deg C	SHAW22	F11	KY038PS027-190318	03/18/2019	SM5210 B
03/20/2019	Water	K2020-03	BOD5	Cool 4 deg C	SHAW22	F11	KY038PS035-190318	03/18/2019	SM5210 B
03/20/2019	Water	K2020-04	BOD5	Cool 4 deg C	SHAW22	F11	KY038PS036-190318	03/18/2019	SM5210 B

Date/Time 03/20/19 10:25
Received by: IB
Relinquished by: CP

Date/Time 03/20/19 12:40
Received by: CP
Relinquished by: IB