

**BOD5 LOG**

Analysis Date: 01/04/2019

QC BATCH ID: LB100185

ANALYST: Indiana

BOD Water: WP70692

SUPERVISOR: apatel

Starch: W2277

MANGANOUS SULFATE SOLUTION: W2427

Conc Sulfuric Acid: W2310

Alkaline Iodide Azide: W2241

POLYSEED: WP70694

Sodium Thiosulfate, 0.025N: WP69572

GGA: WP70693

NaOH, 0.25N: WP68486

Chlorine Strips: W2429

IncubatorID: Incubator-3

pH Strips: W2350

Zero DO: WP70665

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: LB100185

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 16:00

TIME OUT: 12:00

DATE IN: 01/04/2019

DATE OUT: 01/09/2019

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
LB100185BL	1	No	6.0	N/A	19.9	300	8.47	8.46	0.01	0.01	0.01	
POLYSEED	1					10	8.47	5.01	3.46	0.69	0.65	
POLYSEED	2					15	8.42	3.46	4.96	0.66		
POLYSEED	3					20	8.41	2.44	5.97	0.6		
GGA	1					6	8.45	4.11	4.34	184.5	184.5	
GGA	2					6	8.48	4.05	4.43	189	189	
GGA	3					6	8.46	4.08	4.38	186.5	186.5	
K1042-01	1	No	7.2	N/A	18.8	5	8.44	7.74	-	0	9.54	
K1042-01	2					20	8.26	7.36	-	0		
K1042-01	3					50	7.87	5.63	2.24	9.54		
K1042-01	4					150	5.89	0.07	-	0		
K1042-01DUP	1	No	7.2	N/A	18.8	5	8.45	7.72	-	0	9.6	
K1042-01DUP	2					20	8.28	7.34	-	0		
K1042-01DUP	3					50	7.91	5.66	2.25	9.6		
K1042-01DUP	4					150	5.86	0.10	-	0		
K1043-01	1	No	7.2	N/A	18.8	5	8.47	7.79	-	0	8	
K1043-01	2					20	8.46	7.71	-	0		
K1043-01	3					50	8.42	6.44	-	0		
K1043-01	4					150	8.32	3.67	4.65	8		
K1046-01	1	No	6.8	N/A	18.7	5	8.46	6.83	-	0	111.9	
K1046-01	2					10	8.27	3.89	4.38	111.9		
K1046-01	3					50	7.92	0.06	-	0		
K1046-01	4					100	6.81	0.05	-	0		
K1046-02	1	No	6.8	N/A	18.7	5	8.43	7.03	-	0	115.8	
K1046-02	2					10	8.34	3.83	4.51	115.8		
K1046-02	3					50	7.83	0.06	-	0		
K1046-02	4					100	6.45	0.02	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB100185

WorkList Name : BOD010419

WorkList ID : 121029

Date : 1/4/2019 3:36:30 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/05/2019	Water	K1042-01	BOD5	Cool 4 deg C	PSEG01	E61	JC-1319-WS	01/03/2019	SM5210 B
01/05/2019	Water	K1043-01	BOD5	Cool 4 deg C	PSEG01	E61	HB-1319-WS	01/03/2019	SM5210 B
01/06/2019	Water	K1046-01	BOD5	Cool 4 deg C	TULL01	E51	001M-WILLETTS-PT-BLVD(JAN)	01/04/2019	SM5210 B
01/06/2019	Water	K1046-02	BOD5	Cool 4 deg C	TULL01	E51	002M-35TH-AVE(JAN)	01/04/2019	SM5210 B

Date/Time 01/04/19 13:45
 Received by: IB
 Relinquished by: IB

Date/Time 01/04/19 16:59
 Received by: IB
 Relinquished by: IB