

**BOD5 LOG****Analysis Date:** 03/28/2019**QC BATCH ID:** LB101706**ANALYST:** Indiana**BOD Water:** WP73086**SUPERVISOR:** apatel**Starch:** W2379**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2482**Alkaline Iodide Azide:** W2472**POLYSEED:** WP73087**Sodium Thiosulfate, 0.025N:** WP71781**GGA:** WP73088**NaOH, 0.25N:** WP71104**Chlorine Strips:** W2429**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP73089

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.4	8.4	8.45
WINKLER2	WINKLER 2	2	300	8.4	16.9	8.5	

Meter Calibration1 : 8.45

Zero DO Reading1 : 0.18 mg/L (<=0.2 Criteria)

After Incubation

Meter Calibration2 : 8.45

Zero DO Reading2 : 0.17 mg/L (<=0.2 Criteria)



QC BATCH ID: LB101706

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 12:30

TIME OUT: 12:00

DATE IN: 03/28/2019

DATE OUT: 04/02/2019

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
LB101706BL	1	No	6.0	N/A	20.0	300	8.44	8.42	0.02	0.02	0.02	
POLYSEED	1					10	8.38	5.78	2.6	0.52	0.58	
POLYSEED	2					15	8.34	3.88	4.46	0.59		
POLYSEED	3					20	8.29	1.87	6.42	0.64		
GGA	1					6	8.35	4.29	4.06	174	174	
GGA	2					6	8.36	4.25	4.11	176.5	176.5	
GGA	3					6	8.35	4.21	4.14	178	178	
K2093-17	1	No	6.8	N/A	18.8	5	8.34	7.28	-	0	27.38	
K2093-17	2					20	8.18	5.87	2.31	25.95		
K2093-17	3					50	7.73	2.35	5.38	28.8		
K2093-17	4					150	5.75	0.07	-	0		
K2093-20	1	No	5.34	N/A	18.9	0.5	8.35	5.09	3.26	1608	1660.5	
K2093-20	2					1	8.33	2.04	6.29	1713		
K2093-20	3					5	8.32	0.10	-	0		
K2093-20	4					10	8.23	0.05	-	0		
K2124-01	1	No	6.8	N/A	18.9	5	8.36	7.86	-	0		
K2124-01	2					20	8.34	7.51	-	0		
K2124-01	3					50	8.28	7.35	-	0		
K2124-01	4					150	8.07	7.21	-	0		
K2124-04	1	No	6.8	N/A	18.9	5	8.39	7.89	-	0		
K2124-04	2					20	8.35	7.51	-	0		
K2124-04	3					50	8.37	7.35	-	0		
K2124-04	4					150	8.42	7.12	-	0		
K2134-01	1	No	11.15	N/A	7.0	0.5	8.38	5.60	2.78	1320	1111	
K2134-01	2					1	8.37	3.67	4.7	1236		
K2134-01	3					2	8.35	2.59	5.76	777		
K2134-01	4					3	8.34	0.98	-	0		
K2134-01DUP	1	No	11.15	N/A	7.0	0.5	8.39	5.62	2.77	1314	1107	
K2134-01DUP	2					1	8.36	3.70	4.66	1224		
K2134-01DUP	3					2	8.35	2.55	5.8	783		
K2134-01DUP	4					3	8.34	0.98	-	0		

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

213101706

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD032719

WorkList ID : 124031

Date : 03-27-2019 15:12:47

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/28/2019	Water	K2093-17	BOD5	Cool 4 deg C	PSEG01	K31	30092-30093-5	03/26/2019	SM5210 B
03/28/2019	Water	K2093-20	BOD5	Cool 4 deg C	PSEG01	K31	30099-30100-OW-6	03/26/2019	SM5210 B
03/29/2019	Water	K2124-01	BOD5	Cool 4 deg C	PSEG01	K31	SAMPLE-1	03/27/2019	SM5210 B
03/29/2019	Water	K2124-04	BOD5	Cool 4 deg C	PSEG01	K31	SAMPLE-2	03/27/2019	SM5210 B
03/29/2019	Water	K2134-01	BOD5	Cool 4 deg C	ARAM01	F31	COMP	03/27/2019	SM5210 B

Date/Time 03/28/19 11:00
 Received by: IB
 Relinquished by: [Signature]

Date/Time 03/28/19 13:30
 Received by: [Signature]
 Relinquished by: IB