

**BOD5 LOG****Analysis Date:** 01/05/2019**QC BATCH ID:** LB100186**ANALYST:** Indiana**BOD Water:** WP70695**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP70696**Sodium Thiosulfate, 0.025N:** WP69572**GGA:** WP70697**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	8.4	8.4	8.55
WINKLER2	WINKLER 2	2	300	8.4	17.1	8.7	

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: LB100186

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 12:00

TIME OUT: 11:30

DATE IN: 01/05/2019

DATE OUT: 01/10/2019

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
LB100186BL	1	No	6.0	N/A	19.8	300	8.52	8.51	0.01	0.01	0.01	
POLYSEED	1					10	8.49	5.11	3.38	0.68	0.66	
POLYSEED	2					15	8.42	3.79	4.63	0.62		
POLYSEED	3					20	8.40	1.54	6.86	0.69		
GGA	1					6	8.50	4.08	4.42	188	188	
GGA	2					6	8.52	4.11	4.41	187.5	187.5	
GGA	3					6	8.48	4.03	4.45	189.5	189.5	
K1053-01	1	No	5.64	7.0	18.8	1	8.47	4.00	4.47	1143	1143	pH Adjusted
K1053-01	2					5	8.40	0.50	-	0		
K1053-01	3					20	8.11	0.08	-	0		
K1053-01	4					50	7.51	0.07	-	0		
K1053-04	1	No	5.27	7.0	18.8	1	8.41	4.15	4.26	1080	1080	pH Adjusted
K1053-04	2					5	8.34	0.31	-	0		
K1053-04	3					20	8.02	0.04	-	0		
K1053-04	4					50	7.33	0.03	-	0		
K1053-07	1	No	5.89	7.0	18.8	1	8.39	6.33	2.06	420	420	pH Adjusted
K1053-07	2					5	8.09	0.98	-	0		
K1053-07	3					20	7.49	0.05	-	0		
K1053-07	4					50	5.37	0.04	-	0		
K1053-10	1	No	6.2	N/A	18.8	5	8.39	3.87	4.52	231.6	231.6	
K1053-10	2					20	8.27	0.35	-	0		
K1053-10	3					50	8.03	0.04	-	0		
K1053-10	4					150	7.28	0.02	-	0		
K1053-10DUP	1	No	6.2	N/A	18.8	5	8.36	3.91	4.45	227.4	227.4	
K1053-10DUP	2					20	8.31	0.38	-	0		
K1053-10DUP	3					50	8.02	0.06	-	0		
K1053-10DUP	4					150	7.26	0.03	-	0		
K1059-03	1	No	6.4	N/A	18.8	5	8.40	5.45	2.95	137.4	137.4	
K1059-03	2					20	8.35	0.18	-	0		
K1059-03	3					50	8.23	0.04	-	0		
K1059-03	4					150	7.82	0.03	-	0		
K1061-01	1	No	7.6	N/A	18.8	0.5	8.43	6.02	2.41	1050	443.4	
K1061-01	2					5	8.38	5.39	2.99	139.8		
K1061-01	3					10	8.37	3.03	5.34	140.4		
K1061-01	4					20	8.26	0.73	-	0		
K1064-05	1	No	7.6	N/A	18.8	0.5	8.39	2.81	5.58	2952	2952	
K1064-05	2					5	8.35	0.04	-	0		
K1064-05	3					10	8.27	0.03	-	0		
K1064-05	4					20	8.03	0.02	-	0		

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

LB 100186

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD010419-2

WorkList ID : 121036

Date : 1/4/2019 6:06:44 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/06/2019	Water	K1053-01	BOD5	Cool 4 deg C	PSEG01	E61	COMP-1-DRUM	01/04/2019	SM5210 B
01/06/2019	Water	K1053-04	BOD5	Cool 4 deg C	PSEG01	E61	COMP-2-DRUM	01/04/2019	SM5210 B
01/06/2019	Water	K1053-07	BOD5	Cool 4 deg C	PSEG01	E61	COMP-3-DRUM	01/04/2019	SM5210 B
01/06/2019	Water	K1053-10	BOD5	Cool 4 deg C	PSEG01	E61	COMP-4-DRUM	01/04/2019	SM5210 B
01/06/2019	Water	K1059-03	BOD5	Cool 4 deg C	PSEG01	E61	BUR-COMP-1	01/04/2019	SM5210 B
01/06/2019	Water	K1061-01	BOD5	Cool 4 deg C	PSEG01	E61	TRE-COMP-1	01/04/2019	SM5210 B
01/06/2019	Water	K1064-05	BOD5	Cool 4 deg C	PSEG01	E61	P-1419-W	01/04/2019	SM5210 B

Date/Time 01/05/19 9:30
 Received by: ISB
 Relinquished by: ISB

Date/Time 01/05/19 13:38
 Received by: ISB
 Relinquished by: ISB