

**BOD5 LOG****Analysis Date:** 01/16/2019**QC BATCH ID:** LB100340**ANALYST:** Indiana**BOD Water:** WP70949**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP70950**Sodium Thiosulfate, 0.025N:** WP69572**GGA:** WP70951**NaOH, 0.25N:** WP68486**Chlorine Strips:** W2429**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP70835

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	8.55
WINKLER2	WINKLER 2	2	300	8.5	17.1	8.6	

Meter Calibration1 : 8.55Zero DO Reading1 : 0.18 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.55Zero DO Reading2 : 0.17 mg/L (<=0.2 Criteria)



QC BATCH ID: LB100340

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 08:45

TIME OUT: 11:00

DATE IN: 01/16/2019

DATE OUT: 01/21/2019

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
LB100340BL	1	No	6.0	N/A	19.9	300	8.54	8.52	0.02	0.02	0.02	
POLYSEED	1					10	8.47	4.55	3.92	0.78	0.71	
POLYSEED	2					15	8.44	3.20	5.24	0.7		
POLYSEED	3					20	8.39	1.99	6.4	0.64		
GGA	1					6	8.48	4.10	4.38	183.5	183.5	
GGA	2					6	8.47	4.13	4.34	181.5	181.5	
GGA	3					6	8.45	4.04	4.41	185	185	
K1149-01	1	No	6.0	N/A	18.7	5	8.54	8.02	-	0		
K1149-01	2					20	8.59	7.97	-	0		
K1149-01	3					50	8.63	7.92	-	0		
K1149-01	4					150	8.89	7.64	-	0		
K1149-02	1	No	6.0	N/A	18.7	5	8.52	7.99	-	0		
K1149-02	2					20	8.49	7.93	-	0		
K1149-02	3					50	8.39	7.10	-	0		
K1149-02	4					150	7.69	6.87	-	0		
K1149-03	1	No	6.0	N/A	18.7	5	8.53	7.81	-	0		
K1149-03	2					20	8.52	7.60	-	0		
K1149-03	3					50	8.49	7.44	-	0		
K1149-03	4					150	8.42	6.66	-	0		
K1149-04	1	No	6.8	N/A	18.7	5	8.53	7.33	-	0		
K1149-04	2					20	8.58	7.54	-	0		
K1149-04	3					50	8.66	7.73	-	0		
K1149-04	4					150	9.02	7.94	-	0		
K1150-02	1	No	6.8	N/A	18.8	5	8.50	7.78	-	0		
K1150-02	2					20	8.51	7.67	-	0		
K1150-02	3					50	8.53	7.62	-	0		
K1150-02	4					150	8.44	7.38	-	0		
K1150-03	1	No	6.4	N/A	18.8	5	8.83	7.88	-	0		
K1150-03	2					20	9.12	8.55	-	0		
K1150-03	3					50	9.90	9.20	-	0		
K1150-03	4					150	11.08	10.69	-	0		
K1150-04	1	No	6.8	N/A	18.8	5	8.58	7.95	-	0		
K1150-04	2					20	8.81	8.00	-	0		
K1150-04	3					50	9.44	8.68	-	0		
K1150-04	4					150	10.57	10.05	-	0		
K1150-04DUP	1	No	6.8	N/A	18.8	5	8.57	7.97	-	0		
K1150-04DUP	2					20	8.79	8.03	-	0		
K1150-04DUP	3					50	9.42	8.66	-	0		
K1150-04DUP	4					150	10.60	10.02	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB 100340

WorkList Name : BOD011619

WorkList ID : 121361

Date : 1/16/2019 8:10:19 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/16/2019	Water	K1149-01	BOD5	Cool 4 deg C	ROYF02	K32	SW001-190114-01	01/14/2019	SM5210 B
01/16/2019	Water	K1149-02	BOD5	Cool 4 deg C	ROYF02	K32	SW002-190114-01	01/14/2019	SM5210 B
01/16/2019	Water	K1149-03	BOD5	Cool 4 deg C	ROYF02	K32	SW003-190114-01	01/14/2019	SM5210 B
01/16/2019	Water	K1149-04	BOD5	Cool 4 deg C	ROYF02	K32	SW004-190114-01	01/14/2019	SM5210 B
01/16/2019	Water	K1150-02	BOD5	Cool 4 deg C	SHAW22	K31	KY038PS027-190114	01/14/2019	SM5210 B
01/16/2019	Water	K1150-03	BOD5	Cool 4 deg C	SHAW22	K31	KY038PS035-190114	01/14/2019	SM5210 B
01/16/2019	Water	K1150-04	BOD5	Cool 4 deg C	SHAW22	K31	KY038PS036-190114	01/14/2019	SM5210 B

Date/Time 01/16/19 8:15
 Received by: LB
 Relinquished by: LB

Date/Time 01/16/19 10:00
 Received by: LB
 Relinquished by: LB