

**BOD5 LOG****Analysis Date:** 09/12/2018**QC BATCH ID:** LB97870**ANALYST:** Indiana**BOD Water:** WP67748**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP67749**Sodium Thiosulfate, 0.025N:** W2337**GGA:** WP67750**NaOH, 0.25N:** WP66873**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP67751

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	8.5
WINKLER2	WINKLER 2	2	300	8.4	17.0	8.6	

Meter Calibration1 : 8.5

Zero DO Reading1 : 0.18 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.5

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



QC BATCH ID: LB97870

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 09:00

TIME OUT: 11:30

DATE IN: 09/12/2018

DATE OUT: 09/17/2018

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
LB97870BL	1	No	6.0	N/A	19.9	300	8.49	8.47	0.02	0.02	0.02	
POLYSEED	1					10	8.39	3.05	5.34	1.07	0.84	
POLYSEED	2					15	8.33	2.44	5.89	0.79		
POLYSEED	3					20	8.21	1.57	6.64	0.66		
GGA	1					6	8.45	3.82	4.63	189.5	189.5	
GGA	2					6	8.44	3.75	4.69	192.5	192.5	
GGA	3					6	8.43	3.63	4.8	198	198	
J4854-01	1	No	5.27	7.0	18.8	0.05	8.48	8.28	-	0	1944	pH Adjusted
J4854-01	2					0.1	8.45	6.92	-	0		
J4854-01	3					0.5	8.44	4.36	4.08	1944		
J4854-01	4					2	8.42	0.77	-	0		
J4854-01	5					10	8.36	0.69	-	0		
J4857-02	1	No	6.8	N/A	18.7	5	8.40	8.23	-	0		
J4857-02	2					20	8.38	8.14	-	0		
J4857-02	3					50	8.37	7.53	-	0		
J4857-02	4					150	8.22	7.48	-	0		
J4857-03	1	No	6.8	N/A	18.7	5	8.45	8.12	-	0		
J4857-03	2					20	8.51	8.45	-	0		
J4857-03	3					50	8.60	8.56	-	0		
J4857-03	4					150	9.15	9.01	-	0		
J4857-04	1	No	6.8	N/A	18.7	5	8.46	7.41	-	0		
J4857-04	2					20	8.48	8.10	-	0		
J4857-04	3					50	8.59	8.44	-	0		
J4857-04	4					150	9.09	9.05	-	0		
J4857-04DUP	1	No	6.8	N/A	18.7	5	8.45	7.44	-	0		
J4857-04DUP	2					20	8.47	8.12	-	0		
J4857-04DUP	3					50	8.58	8.41	-	0		
J4857-04DUP	4					150	9.06	9.04	-	0		

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

LB 97870

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD091218

WorkList ID : 116619

Date : 9/12/2018 8:40:57 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/13/2018	Water	J4854-01	BOD5	Cool 4 deg C	MAJO01	I22	DRAIN-WATER-TANK-1	09/11/2018	SM5210 B
09/12/2018	Water	J4857-02	BOD5	Cool 4 deg C	SHAW22	I31	KY038PS027-180910	09/10/2018	SM5210 B
09/12/2018	Water	J4857-03	BOD5	Cool 4 deg C	SHAW22	I31	KY038PS033-180910	09/10/2018	SM5210 B
09/12/2018	Water	J4857-04	BOD5	Cool 4 deg C	SHAW22	I31	KY038PS034-180910	09/10/2018	SM5210 B

Date/Time

Received by:

Relinquished by:

09/12/18 8:35

ISB

JP

Date/Time

Received by:

Relinquished by:

09/12/18 9:30

JP

ISB