

**BOD5 LOG****Analysis Date:** 09/26/2018**QC BATCH ID:** LB98210**ANALYST:** Indiana**BOD Water:** WP68121**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP68122**Sodium Thiosulfate, 0.025N:** W2337**GGA:** WP68123**NaOH, 0.25N:** WP66873**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP67938

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	8.45
WINKLER2	WINKLER 2	2	300	8.3	16.9	8.6	

Meter Calibration1 : 8.45Zero DO Reading1 : 0.19 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.45Zero DO Reading2 : 0.18 mg/L (<=0.2 Criteria)



QC BATCH ID: LB98210

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 17:00

TIME OUT: 12:00

DATE IN: 09/26/2018

DATE OUT: 10/01/2018

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
LB98210BL	1	No	6.0	N/A	19.9	300	8.44	8.42	0.02	0.02	0.02	
POLYSEED	1					10	8.44	3.95	4.49	0.9	0.8	
POLYSEED	2					15	8.43	2.18	6.25	0.83		
POLYSEED	3					20	8.40	1.59	6.81	0.68		
GGA	1					6	8.42	3.97	4.45	182.5	182.5	
GGA	2					6	8.43	3.82	4.61	190.5	190.5	
GGA	3					6	8.43	3.85	4.58	189	189	
J5101-01	1	No	6.8	N/A	18.7	5	8.44	7.09	-	0	2.4	
J5101-01	2					20	8.43	6.98	-	0		
J5101-01	3					50	8.43	6.85	-	0		
J5101-01	4					150	8.41	6.41	2	2.4		
J5106-01	1	No	6.4	N/A	18.7	1	8.43	5.36	3.07	681	488.9	
J5106-01	2					2	8.42	4.71	3.71	436.5		
J5106-01	3					5	8.41	1.79	6.62	349.2		
J5106-01	4					10	8.41	0.46	-	0		
J5106-01DUP	1	No	6.4	N/A	18.7	1	8.43	5.38	3.05	675	484.8	
J5106-01DUP	2					2	8.42	4.74	3.68	432		
J5106-01DUP	3					5	8.40	1.81	6.59	347.4		
J5106-01DUP	4					10	8.39	0.49	-	0		
J5108-01	1	No	6.8	N/A	18.7	1	8.45	4.19	4.26	1038	869.25	
J5108-01	2					2	8.44	2.97	5.47	700.5		
J5108-01	3					5	8.41	0.82	-	0		
J5108-01	4					20	8.40	0.61	-	0		

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

LB98210

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD092618

WorkList ID : 117224

Date : 9/26/2018 4:31:31 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/28/2018	Water	J5101-01	BOD5	Cool 4 deg C	PSEG01	I33	C-1329	09/26/2018	SM5210 B
09/28/2018	Water	J5106-01	BOD5	Cool 4 deg C	ARAM01	M41	COMP	09/26/2018	SM5210 B
09/28/2018	Water	J5108-01	BOD5	Cool 4 deg C	ARDM01	M52	EFF-VVV	09/26/2018	SM5210 B

Date/Time

Received by:

Relinquished by:

09/26/18 16:35

JB

JP

Date/Time

Received by:

Relinquished by:

09/26/18 17:30

JP

JB