

**BOD5 LOG****Analysis Date:** 09/19/2018**QC BATCH ID:** LB98035**ANALYST:** Indiana**BOD Water:** WP67935**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP67936**Sodium Thiosulfate, 0.025N:** W2337**GGA:** WP67937**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	8.4
WINKLER2	WINKLER 2	2	300	8.3	16.8	8.5	

Meter Calibration1 : 8.4

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

Meter Calibration2 : 8.4

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



QC BATCH ID: LB98035

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 16:20

TIME OUT: 11:00

DATE IN: 09/19/2018

DATE OUT: 09/24/2018

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
LB98035BL	1	No	6.0	N/A	19.9	300	8.39	8.37	0.02	0.02	0.02	
POLYSEED	1					10	8.38	3.93	4.45	0.89	0.89	
POLYSEED	2					15	8.36	0.90	-	0		
POLYSEED	3					20	8.32	0.57	-	0		
GGA	1					6	8.35	3.89	4.46	178.5	178.5	
GGA	2					6	8.33	3.95	4.38	174.5	174.5	
GGA	3					6	8.34	3.85	4.49	180	180	
J4880-03	1	No	3.43	7.0	18.7	5	8.36	5.51	2.85	117.6	110.05	pH Adjusted
J4880-03	2					10	8.35	3.59	4.76	116.1		
J4880-03	3					20	8.33	1.01	7.32	96.45		
J4880-03	4					50	8.31	0.67	-	0		
J4993-06	1	No	6.4	N/A	18.8	5	8.35	6.78	-	0	31.09	
J4993-06	2					20	8.10	5.18	2.92	30.45		
J4993-06	3					50	7.55	1.37	6.18	31.74		
J4993-06	4					150	5.66	0.91	-	0		
J4996-03	1	No	6.8	N/A	18.8	5	8.31	8.06	-	0		
J4996-03	2					20	8.38	8.10	-	0		
J4996-03	3					50	8.66	8.23	-	0		
J4996-03	4					150	8.76	8.61	-	0		
J5003-01	1	No	6.4	N/A	18.9	1	8.39	5.34	3.05	648	349.57	
J5003-01	2					2	8.37	4.83	3.54	397.5		
J5003-01	3					5	8.35	4.63	3.72	169.8		
J5003-01	4					10	8.32	1.33	6.99	183		
J5003-01DUP	1	No	6.4	N/A	18.9	1	8.38	5.36	3.02	639	346.13	
J5003-01DUP	2					2	8.36	4.85	3.51	393		
J5003-01DUP	3					5	8.35	4.62	3.73	170.4		
J5003-01DUP	4					10	8.30	1.34	6.96	182.1		

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

LB 98035

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD091918

WorkList ID : 116953

Date : 9/19/2018 2:31:27 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/21/2018	Water	J4993-06	BOD5	Cool 4 deg C	PSEG01	J41	NS-OILY-WATER	09/19/2018	SM5210 B
09/20/2018	Water	J4996-03	BOD5	Cool 4 deg C	SHAW22	L22	OUTFALL001-180918	09/18/2018	SM5210 B
09/21/2018	Water	J5003-01	BOD5	Cool 4 deg C	ARAM01	L41	COMP	09/19/2018	SM5210 B

Date/Time 09/19/18 15:50
 Received by: IB
 Relinquished by: IB

Date/Time 09/19/18 16:50
 Received by: IB
 Relinquished by: IB