

**BOD5 LOG****Analysis Date:** 10/12/2018**QC BATCH ID:** LB98591**ANALYST:** Indiana**BOD Water:** WP68783**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP68784**Sodium Thiosulfate, 0.025N:** W2337**GGA:** WP68785**NaOH, 0.25N:** WP68486**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP68495

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	8.45
WINKLER2	WINKLER 2	2	300	8.5	16.9	8.4	

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: LB98591

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 12:30

TIME OUT: 12:00

DATE IN: 10/12/2018

DATE OUT: 10/17/2018

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
LB98591BL	1	No	6.0	N/A	20.0	300	8.44	8.42	0.02	0.02	0.02	
POLYSEED	1					10	8.33	4.99	3.34	0.67	0.63	
POLYSEED	2					15	8.20	3.14	5.06	0.67		
POLYSEED	3					20	8.17	2.71	5.46	0.55		
GGA	1					6	8.35	4.15	4.2	178.5	178.5	
GGA	2					6	8.39	3.97	4.42	189.5	189.5	
GGA	3					6	8.38	4.02	4.36	186.5	186.5	
J5391-01	1	No	6.4	N/A	19.0	0.5	8.20	7.45	-	0	186.5	
J5391-01	2					1	8.24	6.85	-	0		
J5391-01	3					2	8.22	6.21	2.01	207		
J5391-01	4					3	8.20	5.91	2.29	166		
J5391-01DUP	1	No	6.4	N/A	19.0	0.5	8.25	7.15	-	0	188.25	
J5391-01DUP	2					1	8.23	6.82	-	0		
J5391-01DUP	3					2	8.22	6.18	2.04	211.5		
J5391-01DUP	4					3	8.21	5.93	2.28	165		
J5455-05	1	No	5.92	7.0	18.8	5	8.29	7.33	-	0	2.98	pH Adjusted
J5455-05	2					20	8.28	7.08	-	0		
J5455-05	3					50	8.26	6.42	-	0		
J5455-05	4					150	8.17	6.05	2.12	2.98		
J5456-01	1	No	7.0	N/A	18.8	5	8.32	7.22	-	0	34.25	
J5456-01	2					20	8.39	4.73	3.66	45.45		
J5456-01	3					50	8.52	4.05	4.47	23.04		
J5456-01	4					150	9.03	0.95	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB98591

WorkList Name : BOD5101118

WorkList ID : 117907

Date : 10/11/2018 10:55:48 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/12/2018	Water	J5391-01	BOD5	Cool 4 deg C	ARAM01	P51	COMP	10/10/2018	SM5210 B
10/13/2018	Water	J5455-05	BOD5	Cool 4 deg C	PSEG01	P23	MS-OILY-WATER	10/11/2018	SM5210 B
10/13/2018	Water	J5456-01	BOD5	Cool 4 deg C	PSEG01	P23	MS-FRAC-TANK	10/11/2018	SM5210 B

Date/Time

Received by:

Relinquished by:

10/12/18 11:20
 Received by: ISB
 Relinquished by: ISB

Date/Time

Received by:

Relinquished by:

10/12/18 13:05
 Received by: ISB
 Relinquished by: ISB