

**BOD5 LOG****Analysis Date:** 12/28/2018**QC BATCH ID:** LB100098**ANALYST:** Indiana**BOD Water:** WP70585**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP70587**Sodium Thiosulfate, 0.025N:** WP69572**GGA:** WP70586**NaOH, 0.25N:** WP68486**Chlorine Strips:** W2429**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP70338

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	8.6
WINKLER2	WINKLER 2	2	300	8.5	17.2	8.7	

Meter Calibration1 : 8.6

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

Meter Calibration2 : 8.6

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



QC BATCH ID: LB100098

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 09:00

TIME OUT: 11:00

DATE IN: 12/28/2018

DATE OUT: 01/02/2019

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
LB100098BL	1	No	6.0	N/A	19.8	300	8.56	8.54	0.02	0.02	0.02	
POLYSEED	1					10	8.50	4.17	4.33	0.87	0.76	
POLYSEED	2					15	8.48	3.20	5.28	0.7		
POLYSEED	3					20	8.42	1.45	6.97	0.7		
GGA	1					6	8.48	4.07	4.41	182.5	182.5	
GGA	2					6	8.49	3.95	4.54	189	189	
GGA	3					6	8.51	3.98	4.53	188.5	188.5	
J6575-01	1	No	6.8	N/A	18.8	0.5	8.54	1.83	6.71	3570	3570	
J6575-01	2					1	8.52	0.91	-	0		
J6575-01	3					5	8.51	0.53	-	0		
J6575-01	4					20	8.16	0.06	-	0		
J6581-01	1	No	6.4	N/A	18.7	0.5	8.51	7.50	-	0	202.75	
J6581-01	2					1	8.50	6.80	-	0		
J6581-01	3					2	8.48	6.43	2.05	193.5		
J6581-01	4					3	8.47	5.59	2.88	212		
J6581-01DUP	1	No	6.4	N/A	18.7	0.5	8.52	7.47	-	0	204.25	
J6581-01DUP	2					1	8.49	6.77	-	0		
J6581-01DUP	3					2	8.48	6.41	2.07	196.5		
J6581-01DUP	4					3	8.45	5.57	2.88	212		

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

LB/0098

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD122618

WorkList ID : 120781

Date : 12/26/2018 8:30:21 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
12/28/2018	Water	J6575-01	BOD5	Cool 4 deg C	PSEG01	E31	SS-122618-A	12/26/2018	SM5210 B
12/28/2018	Water	J6581-01	BOD5	Cool 4 deg C	ARAM01	D32	COMP	12/26/2018	SM5210 B

Date/Time 12/26/18 8:33

Received by: EBRelinquished by: JP

Date/Time 12/26/18 10:20

Received by: JPRelinquished by: IB