

**BOD5 LOG****Analysis Date:** 08/23/2018**QC BATCH ID:** LB97543**ANALYST:** Indiana**BOD Water:** WP67269**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP67270**Sodium Thiosulfate, 0.025N:** W2337**GGA:** WP67271**NaOH, 0.25N:** WP62942**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP67238

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 : 0.19 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.4

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



QC BATCH ID: LB97543

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.7

TIME IN: 11:05

TIME OUT: 11:00

DATE IN: 08/23/2018

DATE OUT: 08/28/2018

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
LB97543BL	1	No	6.0	N/A	19.9	300	8.38	8.37	0.01	0.01	0.01	
POLYSEED	1					10	8.37	5.45	2.92	0.58	0.64	
POLYSEED	2					15	8.36	3.17	5.19	0.69		
POLYSEED	3					20	8.34	1.86	6.48	0.65		
GGA	1					6	8.37	3.93	4.44	190	190	
GGA	2					6	8.32	3.99	4.33	184.5	184.5	
GGA	3					6	8.36	4.08	4.28	182	182	
J4605-03	1	No	6.8	N/A	18.7	5	8.38	7.85	-	0		
J4605-03	2					20	8.37	7.60	-	0		
J4605-03	3					50	8.30	7.25	-	0		
J4605-03	4					150	8.24	6.29	-	0		
J4609-01	1	No	6.8	N/A	18.9	5	8.32	7.78	-	0	20.28	
J4609-01	2					20	8.11	7.66	-	0		
J4609-01	3					50	7.78	3.76	4.02	20.28		
J4609-01	4					150	6.11	0.78	-	0		
J4612-07	1	No	6.4	N/A	18.7	1	8.16	7.59	-	0	8.22	
J4612-07	2					5	8.14	6.60	-	0		
J4612-07	3					20	7.97	6.03	-	0		
J4612-07	4					50	7.65	5.64	2.01	8.22		
J4613-01	1	No	6.4	N/A	18.7	0.5	8.18	6.19	-	0	440.33	
J4613-01	2					1	8.11	5.68	2.43	537		
J4613-01	3					2	8.05	4.43	3.62	447		
J4613-01	4					3	8.03	4.02	4.01	337		
J4613-01DUP	1	No	6.4	N/A	18.7	0.5	8.16	6.20	-	0	440.5	
J4613-01DUP	2					1	8.12	5.70	2.42	534		
J4613-01DUP	3					2	8.07	4.40	3.67	454.5		
J4613-01DUP	4					3	8.02	4.05	3.97	333		

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

WORKLIST(Hardcopy Internal Chain)

LB97453

WorkList Name : BOD082318

WorkList ID : 115975

Date : 8/23/2018 10:14:52 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
08/23/2018	Water	J4605-03	BOD5	Cool 4 deg C	SHAW22	P23	OUTFALL001-180821	08/21/2018	SM5210 B
08/24/2018	Water	J4609-01	BOD5	Cool 4 deg C	PSEG01	E11	2749	08/22/2018	SM5210 B
08/24/2018	Water	J4612-07	BOD5	Cool 4 deg C	PSEG01	E11	TOTE	08/22/2018	SM5210 B
08/24/2018	Water	J4613-01	BOD5	Cool 4 deg C	ARAM01	E22	COMP	08/22/2018	SM5210 B

Date/Time 08/23/18 10:30
 Received by: IB
 Relinquished by: IB

Date/Time 08/23/18 12:00
 Received by: IB
 Relinquished by: IB