

**BOD5 LOG****Analysis Date:** 12/21/2018**QC BATCH ID:** LB100034**ANALYST:** Indiana**BOD Water:** WP70491**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP70493**Sodium Thiosulfate, 0.025N:** W2337**GGA:** WP70492**NaOH, 0.25N:** WP68486**Chlorine Strips:** W2429**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP70049

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	8.5
WINKLER2	WINKLER 2	2	300	8.3	17.0	8.7	

Meter Calibration1 : 8.5

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

Meter Calibration2 : 8.5

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



QC BATCH ID: LB100034

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 09:50

TIME OUT: 11:30

DATE IN: 12/21/2018

DATE OUT: 12/26/2018

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
LB100034BL	1	No	6.0	N/A	19.8	300	8.49	8.47	0.02	0.02	0.02	
POLYSEED	1					10	8.39	5.28	3.11	0.62	0.64	
POLYSEED	2					15	8.28	3.40	4.88	0.65		
POLYSEED	3					20	8.23	1.85	6.38	0.64		
GGA	1					6	8.48	3.89	4.59	197.5	197.5	
GGA	2					6	8.45	3.82	4.63	199.5	199.5	
GGA	3					6	8.42	3.79	4.63	199.5	199.5	
J6495-01	1	No	6.4	N/A	18.7	0.5	8.47	7.30	-	0	382.33	
J6495-01	2					1	8.44	6.03	2.41	531		
J6495-01	3					2	8.43	5.39	3.04	360		
J6495-01	4					3	8.40	5.20	3.2	256		
J6495-01DUP	1	No	6.4	N/A	18.7	0.5	8.46	7.28	-	0	382.5	
J6495-01DUP	2					1	8.45	6.05	2.4	528		
J6495-01DUP	3					2	8.42	5.37	3.05	361.5		
J6495-01DUP	4					3	8.39	5.17	3.22	258		
J6496-01	1	No	5.65	7.0	18.8	1	8.44	6.08	2.36	516	366.3	pH Adjusted
J6496-01	2					5	8.42	4.17	4.25	216.6		
J6496-01	3					20	8.34	0.90	-	0		
J6496-01	4					50	8.20	0.10	-	0		
J6497-01	1	No	5.75	7.0	18.8	5	8.42	7.76	-	0		pH Adjusted
J6497-01	2					20	8.40	7.37	-	0		
J6497-01	3					50	8.39	7.25	-	0		
J6497-01	4					150	8.35	7.20	-	0		
J6497-02	1	No	5.76	7.0	18.7	5	8.39	8.12	-	0	5.24	pH Adjusted
J6497-02	2					20	8.37	7.84	-	0		
J6497-02	3					50	8.35	7.65	-	0		
J6497-02	4					150	8.31	5.05	3.26	5.24		
J6497-03	1	No	6.40	7.0	18.7	5	8.38	7.46	-	0	8.64	pH Adjusted
J6497-03	2					20	8.34	7.15	-	0		
J6497-03	3					50	8.27	6.32	-	0		
J6497-03	4					150	7.94	2.98	4.96	8.64		
J6497-04	1	No	6.4	N/A	18.7	5	8.37	7.50	-	0		
J6497-04	2					20	8.34	7.40	-	0		
J6497-04	3					50	8.30	7.19	-	0		
J6497-04	4					150	8.11	6.69	-	0		
J6503-01	1	No	9.24	7.0	18.7	5	8.35	7.85	-	0	11.44	pH Adjusted
J6503-01	2					20	8.31	7.20	-	0		
J6503-01	3					50	8.29	5.70	2.59	11.7		
J6503-01	4					150	8.24	2.01	6.23	11.18		
J6516-01	1	No	7.6	N/A	18.7	5	8.32	7.55	-	0	9.72	
J6516-01	2					20	8.36	6.38	-	0		

J6516-01	3					50	8.37	5.47	2.9	13.56		
J6516-01	4					150	8.40	4.82	3.58	5.88		

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

WORKLIST(Hardcopy Internal Chain)

LB 10034

WorkList Name : BOD122018

WorkList ID : 120644

Date : 12/20/2018 11:13:14 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
12/16/2018	Water	J6495-01	BOD5	Cool 4 deg C	ARAM01	D41	COMP	12/14/2018	SM5210 B
12/22/2018	Water	J6496-01	BOD5	Cool 4 deg C	PSEG01	E41	WATER-1	12/20/2018	SM5210 B
12/21/2018	Water	J6497-01	BOD5	Cool 4 deg C	LOCK01	E41	MW-1	12/19/2018	SM5210 B
12/21/2018	Water	J6497-02	BOD5	Cool 4 deg C	LOCK01	E41	MW-2	12/19/2018	SM5210 B
12/21/2018	Water	J6497-03	BOD5	Cool 4 deg C	LOCK01	E41	MW-3	12/19/2018	SM5210 B
12/21/2018	Water	J6497-04	BOD5	Cool 4 deg C	LOCK01	E41	MW-4	12/19/2018	SM5210 B
12/22/2018	Water	J6503-01	BOD5	Cool 4 deg C	PSEG01	E21	TP-GROUNDWATER-1-1	12/20/2018	SM5210 B
12/22/2018	Water	J6516-01	BOD5	Cool 4 deg C	PSEG01	E51	EXCAVATION-WATER	12/20/2018	SM5210 B

Date/Time

Received by:

Relinquished by:

12/21/18 9:00
LB
CB

Date/Time

Received by:

Relinquished by:

12/21/18 11:36
CB
LB