

**BOD5 LOG****Analysis Date:** 12/22/2018**QC BATCH ID:** LB100036**ANALYST:** Indiana**BOD Water:** WP70494**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP70496**Sodium Thiosulfate, 0.025N:** WP69572**GGA:** WP70495**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	8.55
WINKLER2	WINKLER 2	2	300	8.3	17.1	8.8	

Meter Calibration1 : 8.55

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

Meter Calibration2 : 8.55

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



QC BATCH ID: LB100036

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 12:00

TIME OUT: 13:00

DATE IN: 12/22/2018

DATE OUT: 12/27/2018

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
LB100036BL	1	No	6.4	N/A	19.8	300	8.53	8.51	0.02	0.02	0.02	
POLYSEED	1					10	8.38	3.22	5.16	1.03	0.85	
POLYSEED	2					15	8.28	2.05	6.23	0.83		
POLYSEED	3					20	8.16	1.13	7.03	0.7		
GGA	1					6	8.45	3.99	4.46	180.5	180.5	
GGA	2					6	8.47	3.95	4.52	183.5	183.5	
GGA	3					6	8.44	3.93	4.51	183	183	
J6527-01	1	No	7.6	N/A	18.8	5	8.51	8.10	-	0		
J6527-01	2					20	8.48	7.36	-	0		
J6527-01	3					50	8.45	7.89	-	0		
J6527-01	4					150	8.42	6.92	-	0		
J6527-02	1	No	7.6	N/A	18.8	5	8.45	8.13	-	0		
J6527-02	2					20	8.43	8.05	-	0		
J6527-02	3					50	8.37	7.72	-	0		
J6527-02	4					150	8.16	7.68	-	0		
J6530-01	1	No	7.2	N/A	18.8	0.5	8.54	6.58	-	0	775.5	
J6530-01	2					1	8.51	5.28	3.23	714		
J6530-01	3					2	8.46	2.03	6.43	837		
J6530-01	4					5	8.45	0.88	-	0		
J6530-01	5					10	8.44	0.31	-	0		
J6530-03	1	No	7.0	N/A	18.8	0.01	8.53	6.55	-	0	15675	
J6530-03	2					0.05	8.52	5.17	3.35	15000		
J6530-03	3					0.1	8.50	2.20	6.3	16350		
J6530-03	4					0.5	8.49	0.66	-	0		
J6530-03	5					1	8.47	0.17	-	0		
J6533-07	1	No	6.8	N/A	18.7	5	8.52	6.44	2.08	73.8	56.6	
J6533-07	2					20	8.45	3.78	4.67	57.3		
J6533-07	3					50	8.37	1.07	7.3	38.7		
J6533-07	4					150	7.90	0.86	-	0		
J6533-10	1	No	6.8	N/A	18.7	5	8.49	6.33	2.16	78.6	66.3	
J6533-10	2					20	8.43	3.98	4.45	54		
J6533-10	3					50	8.33	0.90	-	0		
J6533-10	4					150	7.77	0.05	-	0		
J6533-10DUP	1	No	6.8	N/A	18.7	5	8.48	6.34	2.14	77.4	65.63	
J6533-10DUP	2					20	8.45	4.01	4.44	53.85		
J6533-10DUP	3					50	8.31	0.92	-	0		
J6533-10DUP	4					150	7.79	0.51	-	0		
J6533-13	1	No	5.89	7.0	18.7	1	8.53	6.09	2.44	477	311.4	pH Adjusted
J6533-13	2					5	8.49	5.21	3.28	145.8		
J6533-13	3					20	8.43	0.98	-	0		
J6533-13	4					50	8.32	0.56	-	0		

J6533-16	1	No	5.22	7.0	18.7	0.5	8.50	1.22	7.28	3858	3858	pH Adjusted
J6533-16	2					1	8.48	0.20	-	0		
J6533-16	3					5	8.36	0.09	-	0		
J6533-16	4					20	7.81	0.07	-	0		
J6533-19	1	No	5.47	N/A	18.7	0.5	8.54	3.92	4.62	2262	2097	
J6533-19	2					1	8.51	1.22	7.29	1932		
J6533-19	3					5	8.38	0.07	-	0		
J6533-19	4					20	7.92	0.05	-	0		

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

LS60036

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD122118

WorkList ID : 120735

Date : 12/21/2018 6:29:01 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
12/22/2018	Water	J6527-01	BOD5	Cool 4 deg C	DIST01	D11	CENTER-PIT	12/20/2018	SM5210 B
12/22/2018	Water	J6527-02	BOD5	Cool 4 deg C	DIST01	D11	FOUNDATION-WALL	12/20/2018	SM5210 B
12/22/2018	Water	J6530-01	BOD5	Cool 4 deg C	HOLL01	D51	EFFLUENT	12/20/2018	SM5210 B
12/22/2018	Water	J6530-03	BOD5	Cool 4 deg C	HOLL01	D51	INFLUENT	12/20/2018	SM5210 B
12/23/2018	Water	J6533-07	BOD5	Cool 4 deg C	PSEG01	E52	COMP-1	12/21/2018	SM5210 B
12/23/2018	Water	J6533-10	BOD5	Cool 4 deg C	PSEG01	E52	COMP-2	12/21/2018	SM5210 B
12/23/2018	Water	J6533-13	BOD5	Cool 4 deg C	PSEG01	E52	COMP-3	12/21/2018	SM5210 B
12/23/2018	Water	J6533-16	BOD5	Cool 4 deg C	PSEG01	E52	COMP-4	12/21/2018	SM5210 B
12/23/2018	Water	J6533-19	BOD5	Cool 4 deg C	PSEG01	E52	COMP-5	12/21/2018	SM5210 B

Date/Time 12/22/18 9:20
 Received by: SB
 Relinquished by: [Signature]

Date/Time 12/22/18
 Received by: [Signature]
 Relinquished by: SB