

**BOD5 LOG****Analysis Date:** 06/11/2018**QC BATCH ID:** LB95943**ANALYST:** Indiana**BOD Water:** WP65203**SUPERVISOR:** apatel**Starch:** W2121**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2151**Alkaline Iodide Azide:** W2241**POLYSEED:** WP65204**Sodium Thiosulfate, 0.025N:** W2276**GGA:** WP65205**NaOH, 0.25N:** WP62942**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP65098

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.6	8.6	8.55
WINKLER2	WINKLER 2	2	300	8.6	17.1	8.5	

Meter Calibration1 : 8.55Zero DO Reading1 : 0.19 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.55Zero DO Reading2 : 0.18 mg/L (<=0.2 Criteria)



QC BATCH ID: LB95943

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 17:00

TIME OUT: 11:30

DATE IN: 06/11/2018

DATE OUT: 06/16/2018

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
LB95943BL	1	No	6.0	N/A	19.8	300	8.54	8.53	0.01	0.01	0.01	
POLYSEED	1					10	8.53	4.78	3.75	0.75	0.68	
POLYSEED	2					15	8.55	3.66	4.89	0.65		
POLYSEED	3					20	8.48	2.19	6.29	0.63		
GGA	1					6	8.53	4.17	4.36	184	184	
GGA	2					6	8.55	4.02	4.53	192.5	192.5	
GGA	3					6	8.52	4.11	4.41	186.5	186.5	
J3435-01	1	No	6.8	N/A	18.7	5	8.54	7.87	-	0	7.04	
J3435-01	2					20	8.37	7.15	-	0		
J3435-01	3					50	7.99	5.53	2.46	10.68		
J3435-01	4					150	6.38	4.00	2.38	3.4		
J3435-01DUP	1	No	6.8	N/A	18.7	5	8.55	7.86	-	0	6.86	
J3435-01DUP	2					20	8.38	7.12	-	0		
J3435-01DUP	3					50	7.97	5.56	2.41	10.38		
J3435-01DUP	4					150	6.37	4.02	2.35	3.34		
J3435-02	1	No	6.4	N/A	18.8	5	8.51	7.54	-	0		
J3435-02	2					20	8.35	7.35	-	0		
J3435-02	3					50	8.23	7.12	-	0		
J3435-02	4					150	7.50	6.37	-	0		
J3435-03	1	No	6.4	N/A	18.9	5	8.52	7.28	-	0	8.61	
J3435-03	2					20	8.04	7.14	-	0		
J3435-03	3					50	7.92	5.60	2.32	9.84		
J3435-03	4					150	7.86	3.49	4.37	7.38		
J3435-04	1	No	6.4	N/A	18.9	5	8.51	6.53	-	0	31.57	
J3435-04	2					20	8.38	4.73	3.65	44.55		
J3435-04	3					50	7.98	4.20	3.78	18.6		
J3435-04	4					150	6.81	0.87	-	0		
J3435-05	1	No	6.4	N/A	18.8	5	8.45	6.22	2.23	93	53.63	
J3435-05	2					20	8.23	4.82	3.41	40.95		
J3435-05	3					50	7.64	2.47	5.17	26.94		
J3435-05	4					150	5.45	0.37	-	0		
J3435-06	1	No	6.4	N/A	18.7	5	8.51	6.80	-	0	10.77	
J3435-06	2					20	8.29	6.27	2.02	20.1		
J3435-06	3					50	7.96	5.90	2.06	8.28		
J3435-06	4					150	6.01	3.37	2.64	3.92		
J3435-07	1	No	6.8	N/A	18.9	5	8.52	6.60	-	0	17.9	
J3435-07	2					20	8.43	5.49	2.94	33.9		
J3435-07	3					50	8.27	5.00	3.27	15.54		
J3435-07	4					150	7.16	4.35	2.81	4.26		
J3435-08	1	No	6.4	N/A	18.7	5	8.60	6.75	-	0	13.17	
J3435-08	2					20	8.50	6.10	2.4	25.8		

J3435-08	3					50	8.47	6.02	2.45	10.62		
J3435-08	4					150	7.62	5.40	2.22	3.08		
J3435-09	1	No	6.4	N/A	18.8	5	8.53	6.57	-	0	23.2	
J3435-09	2					20	8.32	5.77	2.55	28.05		
J3435-09	3					50	7.97	4.23	3.74	18.36		
J3435-09	4					150	6.03	0.37	-	0		

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

LB95943

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD061118

WorkList ID : 113196

Date : 6/11/2018 3:23:12 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
06/09/2018	Water	J3435-01	BOD5	Cool 4 deg C	CASH01	P21	MW4	06/07/2018	SM5210 B
06/09/2018	Water	J3435-02	BOD5	Cool 4 deg C	CASH01	P21	MW8	06/07/2018	SM5210 B
06/09/2018	Water	J3435-03	BOD5	Cool 4 deg C	CASH01	P21	MW10	06/07/2018	SM5210 B
06/09/2018	Water	J3435-04	BOD5	Cool 4 deg C	CASH01	P21	MW11	06/07/2018	SM5210 B
06/09/2018	Water	J3435-05	BOD5	Cool 4 deg C	CASH01	P21	MW12	06/07/2018	SM5210 B
06/09/2018	Water	J3435-06	BOD5	Cool 4 deg C	CASH01	P21	NW1	06/07/2018	SM5210 B
06/09/2018	Water	J3435-07	BOD5	Cool 4 deg C	CASH01	P21	NW3	06/07/2018	SM5210 B
06/09/2018	Water	J3435-08	BOD5	Cool 4 deg C	CASH01	P21	NW4	06/07/2018	SM5210 B
06/09/2018	Water	J3435-09	BOD5	Cool 4 deg C	CASH01	P21	NW6	06/07/2018	SM5210 B

Date/Time 06/11/18 15:38

Received by: TSRelinquished by: TS

Date/Time 06/11/18 17:50

Received by: TSRelinquished by: TS