

**BOD5 LOG****Analysis Date:** 05/18/2018**QC BATCH ID:** LB95509**ANALYST:** Indiana**BOD Water:** WP64655**SUPERVISOR:** apatel**Starch:** W2121**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2151**Alkaline Iodide Azide:** W2241**POLYSEED:** WP64657**Sodium Thiosulfate, 0.025N:** W2276**GGA:** WP64656**NaOH, 0.25N:** WP62942**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP64654

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	8.45
WINKLER2	WINKLER 2	2	300	8.3	16.9	8.6	

Meter Calibration1 : 8.45

Zero DO Reading1 : 0.19 mg/L (<=0.2 Criteria)

After Incubation

Meter Calibration2 : 8.45

Zero DO Reading2 : 0.18 mg/L (<=0.2 Criteria)



QC BATCH ID: LB95509

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 17:10

TIME OUT: 12:00

DATE IN: 05/18/2018

DATE OUT: 05/23/2018

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
LB95509BL	1	No	6.0	N/A	19.8	300	8.43	8.42	0.01	0.01	0.01	
POLYSEED	1					10	8.37	4.47	3.9	0.78	0.67	
POLYSEED	2					15	8.27	3.65	4.62	0.62		
POLYSEED	3					20	8.10	2.15	5.95	0.6		
GGA	1					6	8.33	3.90	4.43	188	188	
GGA	2					6	8.28	3.85	4.43	188	188	
GGA	3					6	8.30	3.98	4.32	182.5	182.5	
J3010-23	1	No	6.2	N/A	18.7	5	8.35	6.27	2.08	84.6	32.55	
J3010-23	2					20	8.18	5.86	2.32	24.75		
J3010-23	3					50	7.87	4.97	2.9	13.38		
J3010-23	4					150	6.65	2.24	4.41	7.48		
J3013-03	1	No	8.77	7.0	18.9	1	8.14	6.54	-	0	19.3	pH Adjusted
J3013-03	2					5	8.10	6.25	-	0		
J3013-03	3					20	8.07	5.91	2.16	22.35		
J3013-03	4					50	7.93	4.55	3.38	16.26		
J3017-01	1	No	7.6	N/A	18.7	0.5	8.44	6.40	2.04	822	374.22	
J3017-01	2					1	8.42	6.25	2.17	450		
J3017-01	3					2	8.40	5.55	2.85	327		
J3017-01	4					5	8.34	5.32	3.02	141		
J3017-01	5					10	8.24	3.20	5.04	131.1		
J3017-03	1	No	5.20	7.0	18.7	0.01	8.38	6.48	-	0	11130	pH Adjusted
J3017-03	2					0.05	8.32	5.54	2.78	12660		
J3017-03	3					0.1	8.30	4.43	3.87	9600		
J3017-03	4					0.5	8.25	0.69	-	0		
J3017-03	5					1	8.21	0.63	-	0		
J3017-03DUP	1	No	5.2	7.0	18.7	0.01	8.40	6.45	-	0	11235	pH Adjusted
J3017-03DUP	2					0.05	8.33	5.55	2.78	12660		
J3017-03DUP	3					0.1	8.39	4.45	3.94	9810		
J3017-03DUP	4					0.5	8.26	0.71	-	0		
J3017-03DUP	5					1	8.22	0.65	-	0		

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

WORKLIST(Hardcopy Internal Chain)

2B 95509

WorkList Name : BOD051818-02

WorkList ID : 112307

Date : 5/18/2018 2:05:48 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
05/20/2018	Water	J3010-23	BOD5	Cool 4 deg C	PSEG01	I31	OILY-WATER	05/18/2018	SM5210 B
05/20/2018	Water	J3013-03	BOD5	Cool 4 deg C	PSEG01	I23	FP-WATER	05/18/2018	SM5210 B
05/19/2018	Water	J3017-01	BOD5	Cool 4 deg C	HOLL01	L42	EFFLUENT	05/17/2018	SM5210 B
05/19/2018	Water	J3017-03	BOD5	Cool 4 deg C	HOLL01	L42	INFLUENT	05/17/2018	SM5210 B

Date/Time 05/18/18 14:59

Received by: FB

Relinquished by: CB

Date/Time 05/18/18 17:20

Received by: CB

Relinquished by: 3B