

**BOD5 LOG**

Analysis Date: 05/16/2018

QC BATCH ID: LB95399

ANALYST: Indiana

BOD Water: WP64549

SUPERVISOR: apatel

Starch: W2121

MANGANOUS SULFATE SOLUTION: W2191

Conc Sulfuric Acid: W2151

Alkaline Iodide Azide: W2241

POLYSEED: WP64550

Sodium Thiosulfate, 0.025N: W2276

GGA: WP64551

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	8.35
WINKLER2	WINKLER 2	2	300	8.3	16.7	8.4	

Meter Calibration1 : 8.35

Zero DO Reading1 : 0.18 mg/L (<=0.2 Criteria)

After Incubation

Meter Calibration2 : 8.34

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



QC BATCH ID: LB95399

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 11:45

TIME OUT: 12:00

DATE IN: 05/16/2018

DATE OUT: 05/21/2018

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
LB95399BL	1	No	6.0	N/A	19.9	300	8.34	8.33	0.01	0.01	0.01	
POLYSEED	1					10	8.39	5.25	3.14	0.63	0.58	
POLYSEED	2					15	8.33	4.13	4.2	0.56		
POLYSEED	3					20	8.31	2.79	5.52	0.55		
GGA	1					6	8.37	4.07	4.3	186	186	
GGA	2					6	8.34	3.99	4.35	188.5	188.5	
GGA	3					6	8.35	4.03	4.32	187	187	
J2519-02	1	No	5.60	7.2	18.7	5	8.37	7.72	-	0	18.91	pH Adjusted
J2519-02	2					20	8.35	6.54	-	0		
J2519-02	3					50	8.03	2.84	5.19	27.66		
J2519-02	4					150	6.69	1.03	5.66	10.16		
J2940-03	1	No	6.8	N/A	18.9	5	8.40	7.53	-	0		
J2940-03	2					20	8.42	7.79	-	0		
J2940-03	3					50	8.46	7.90	-	0		
J2940-03	4					150	8.48	7.95	-	0		
J2940-03DUP	1	No	6.8	N/A	18.9	5	8.39	7.50	-	0		
J2940-03DUP	2					20	8.41	7.77	-	0		
J2940-03DUP	3					50	8.45	7.91	-	0		
J2940-03DUP	4					150	8.49	7.96	-	0		
J2943-01	1	No	6.8	N/A	18.8	5	8.34	8.19	-	0	8.64	
J2943-01	2					20	8.32	7.47	-	0		
J2943-01	3					50	8.29	6.06	2.23	9.9		
J2943-01	4					150	8.14	3.87	4.27	7.38		
J2943-02	1	No	6.8	N/A	18.7	5	8.35	7.19	-	0	21.78	
J2943-02	2					20	8.33	6.64	-	0		
J2943-02	3					50	8.02	3.81	4.21	21.78		
J2943-02	4					150	6.44	0.83	-	0		
J2943-03	1	No	6.8	N/A	18.8	5	8.39	7.57	-	0	8.78	
J2943-03	2					20	8.33	6.92	-	0		
J2943-03	3					50	8.32	6.56	-	0		
J2943-03	4					150	7.84	2.87	4.97	8.78		

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

WORKLIST(Hardcopy Internal Chain)

L395399

WorkList Name : BOD051618

WorkList ID : 112167

Date : 5/16/2018 10:41:46 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
05/17/2018	Water	J2519-02	BOD5	Cool 4 deg C	PSEG02	I62	OILY-WATER-TOTE	05/15/2018	SM5210 B
05/17/2018	Water	J2940-03	BOD5	Cool 4 deg C	SHAW22	I41	OUTFALL001-180515	05/15/2018	SM5210 B
05/16/2018	Water	J2943-01	BOD5	Cool 4 deg C	LIRO01	J43	MW-10	05/14/2018	SM5210 B
05/16/2018	Water	J2943-02	BOD5	Cool 4 deg C	LIRO01	J43	MW-1	05/14/2018	SM5210 B
05/16/2018	Water	J2943-03	BOD5	Cool 4 deg C	LIRO01	J43	MW-D	05/14/2018	SM5210 B

Date/Time 05/16/18 11:00
 Received by: IB
 Relinquished by: CB

Date/Time 05/16/18 13:00
 Received by: IB
 Relinquished by: IB