

**BOD5 LOG****Analysis Date:** 07/11/2018**QC BATCH ID:** LB96593**ANALYST:** Indiana**BOD Water:** WP66056**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2151**Alkaline Iodide Azide:** W2241**POLYSEED:** WP66057**Sodium Thiosulfate, 0.025N:** W2337**GGA:** WP66058**NaOH, 0.25N:** WP62942**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP66059

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.4	8.4	8.5
WINKLER2	WINKLER 2	2	300	8.4	17.0	8.6	

Meter Calibration1 : 8.50

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

Meter Calibration2 : 8.50

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

QC BATCH ID: LB96593

INCUBATOR TEMP IN(C): 20.7

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 17:00

TIME OUT: 12:00

DATE IN: 07/11/2018

DATE OUT: 07/16/2018

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
LB96593BL	1	No	6.0	N/A	19.9	300	8.49	8.47	0.02	0.02	0.02	
POLYSEED	1					10	8.44	3.59	4.85	0.97	0.95	
POLYSEED	2					15	8.43	1.55	6.88	0.92		
POLYSEED	3					20	8.41	0.75	-	0		
GGA	1					6	8.48	4.11	4.37	171	171	
GGA	2					6	8.50	4.04	4.46	175.5	175.5	
GGA	3					6	8.47	3.97	4.5	177.5	177.5	
J3934-01	1	No	7.6	N/A	18.9	5	8.48	7.29	-	0	31.65	
J3934-01	2					20	8.42	5.15	3.27	34.8		
J3934-01	3					50	8.08	2.38	5.7	28.5		
J3934-01	4					150	6.38	0.26	-	0		
J3936-03	1	No	6.8	N/A	18.7	5	8.47	7.47	-	0		
J3936-03	2					20	8.43	6.99	-	0		
J3936-03	3					50	8.31	7.75	-	0		
J3936-03	4					150	8.34	7.20	-	0		
J3947-27	1	No	6.0	N/A	18.8	5	8.25	7.53	-	0	4.62	
J3947-27	2					20	8.05	7.18	-	0		
J3947-27	3					50	7.80	5.71	2.09	6.84		
J3947-27	4					150	6.65	4.50	2.15	2.4		
J3950-01	1	No	6.4	N/A	18.7	0.5	8.41	6.81	-	0	511.17	
J3950-01	2					1	8.31	5.23	3.08	639		
J3950-01	3					2	8.29	4.55	3.74	418.5		
J3950-01	4					3	8.24	2.53	5.71	476		
J3950-01DUP	1	No	6.4	N/A	18.7	0.5	8.40	6.85	-	0	512.83	
J3950-01DUP	2					1	8.33	5.25	3.08	639		
J3950-01DUP	3					2	8.28	4.50	3.78	424.5		
J3950-01DUP	4					3	8.26	2.56	5.7	475		
J3952-02	1	No	7.0	N/A	18.8	0.5	8.28	7.10	-	0	229	
J3952-02	2					1	8.24	6.23	2.01	318		
J3952-02	3					5	8.15	2.40	5.75	288		
J3952-02	4					20	8.09	1.74	6.35	81		

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

LB96593

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD071118

WorkList ID : 114331

Date : 7/11/2018 12:08:13 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
07/13/2018	Water	J3934-01	BOD5	Cool 4 deg C	PSEG01	K33	TS-BASELINE-WATER	07/11/2018	SM5210 B
07/12/2018	Water	J3936-03	BOD5	Cool 4 deg C	SHAW22	K43	OUTFALL001-180619	07/10/2018	SM5210 B
07/13/2018	Water	J3947-27	BOD5	Cool 4 deg C	PSEG01	K41	PAR-1-OILY-WATER	07/11/2018	SM5210 B
07/13/2018	Water	J3950-01	BOD5	Cool 4 deg C	ARAM01	K62	COMP	07/11/2018	SM5210 B
07/13/2018	Water	J3952-02	BOD5	Cool 4 deg C	ARDM01	K61	EFF-WW	07/11/2018	SM5210 B

Date/Time 07/11/18 16:10

Received by: EB

Relinquished by: CB

Date/Time

Received by: EB

Relinquished by: CB