

**BOD5 LOG****Analysis Date:** 05/02/2018**QC BATCH ID:** LB95076**ANALYST:** Indiana**BOD Water:** WP64167**SUPERVISOR:** apatel**Starch:** W2121**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2151**Alkaline Iodide Azide:** W2241**POLYSEED:** WP64169**Sodium Thiosulfate, 0.025N:** W2276**GGA:** WP64168**NaOH, 0.25N:** WP62942**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP64069

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.5	8.5	8.45
WINKLER2	WINKLER 2	2	300	8.5	16.9	8.4	

Meter Calibration1 : 8.45

Zero DO Reading1 : 0.19 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.45

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



QC BATCH ID: LB95076

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.7

TIME IN: 15:40

TIME OUT: 12:00

DATE IN: 05/02/2018

DATE OUT: 05/07/2018

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
LB95076BL	1	No	6.2	N/A	19.8	300	8.45	8.43	0.02	0.02	0.02	
POLYSEED	1					10	8.45	5.55	2.9	0.58	0.59	
POLYSEED	2					15	8.42	3.64	4.78	0.64		
POLYSEED	3					20	8.40	2.98	5.42	0.54		
GGA	1					6	8.42	4.10	4.32	186.5	186.5	
GGA	2					6	8.43	3.99	4.44	192.5	192.5	
GGA	3					6	8.44	4.06	4.38	189.5	189.5	
J2667-11	1	No	6.8	N/A	18.7	5	8.46	7.63	-	0	7.22	
J2667-11	2					20	8.41	6.86	-	0		
J2667-11	3					50	8.30	6.49	-	0		
J2667-11	4					150	7.73	3.53	4.2	7.22		
J2689-02	1	No	6.8	N/A	19.0	5	8.48	7.40	-	0		
J2689-02	2					20	8.59	7.49	-	0		
J2689-02	3					50	8.63	7.61	-	0		
J2689-02	4					150	8.75	7.56	-	0		
J2690-01	1	No	6.4	N/A	18.9	0.5	8.44	7.30	-	0	235	
J2690-01	2					1	8.40	6.57	-	0		
J2690-01	3					2	8.35	5.98	2.37	267		
J2690-01	4					3	8.32	5.70	2.62	203		
J2690-01DUP	1	No	6.4	N/A	18.9	0.5	8.45	7.32	-	0	233.5	
J2690-01DUP	2					1	8.42	6.55	-	0		
J2690-01DUP	3					2	8.34	5.97	2.37	267		
J2690-01DUP	4					3	8.31	5.72	2.59	200		

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

1B95076

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD050218

WorkList ID : 111534

Date : 5/2/2018 9:00:52 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
05/03/2018	Water	J2667-11	BOD5	Cool 4 deg C	PSEG01	B63	GROUNDWATER	05/01/2018	SM5210 B
05/03/2018	Water	J2689-02	BOD5	Cool 4 deg C	SHAW22	I11	OUTFALL001-180501	05/01/2018	SM5210 B
05/04/2018	Water	J2690-01	BOD5	Cool 4 deg C	ARAM01	I63	COMP	05/02/2018	SM5210 B

Date/Time 05/02/18 15:10
Received by: IB
Relinquished by: CB

Date/Time 05/02/18 16:30
Received by: CB
Relinquished by: IB