

**BOD5 LOG****Analysis Date:** 08/31/2018**QC BATCH ID:** LB97688**ANALYST:** Indiana**BOD Water:** WP67478**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP67480**Sodium Thiosulfate, 0.025N:** W2337**GGA:** WP67479**NaOH, 0.25N:** WP62942**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP67400

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 : 8.55

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

After Incubation

Meter Calibration2 : 8.55

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



QC BATCH ID: LB97688

INCUBATOR TEMP IN(C): 8.27

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 16:00

TIME OUT: 11:30

DATE IN: 08/31/2018

DATE OUT: 09/05/2018

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
LB97688BL	1	No	6.0	N/A	19.9	300	8.53	8.51	0.02	0.02	0.02	
POLYSEED	1					10	8.48	3.89	4.59	0.92	0.89	
POLYSEED	2					15	8.47	2.02	6.45	0.86		
POLYSEED	3					20	8.45	0.35	-	0		
GGA	1					6	8.52	3.91	4.61	186	186	
GGA	2					6	8.50	4.05	4.45	178	178	
GGA	3					6	8.47	3.97	4.5	180.5	180.5	
J4735-01	1	No	7.0	N/A	18.8	5	8.48	7.41	-	0	6.06	
J4735-01	2					20	8.43	7.00	-	0		
J4735-01	3					50	8.29	6.05	2.24	8.1		
J4735-01	4					150	6.97	4.07	2.9	4.02		
J4758-02	1	No	6.4	N/A	18.7	0.5	8.59	7.53	-	0	232.25	
J4758-02	2					1	8.53	7.30	-	0		
J4758-02	3					2	8.50	6.04	2.46	235.5		
J4758-02	4					3	8.49	5.31	3.18	229		
J4758-02DUP	1	No	6.4	N/A	18.7	0.5	8.57	7.50	-	0	230.25	
J4758-02DUP	2					1	8.52	7.31	-	0		
J4758-02DUP	3					2	8.51	6.05	2.46	235.5		
J4758-02DUP	4					3	8.47	5.33	3.14	225		

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

WORKLIST(Hardcopy Internal Chain)

LB97688

WorkList Name : BOD5083118

WorkList ID : 116302

Date : 8/31/2018 3:40:56 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/01/2018	Water	J4735-01	BOD5	Cool 4 deg C	PSEG01	E61	KG-BASELINE-WATER	08/30/2018	SM5210 B
09/02/2018	Water	J4758-02	BOD5	Cool 4 deg C	ARAM01	H52	COMP	08/31/2018	SM5210 B

Date/Time 08/31/18 15:10
 Received by: IB
 Relinquished by: AP

Date/Time 08/31/18 16:19
 Received by: IB
 Relinquished by: IB