

**BOD5 LOG****Analysis Date:** 04/25/2018**QC BATCH ID:** LB94893**ANALYST:** Indiana**BOD Water:** WP63975**SUPERVISOR:** apatel**Starch:** W2121**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2151**Alkaline Iodide Azide:** W2241**POLYSEED:** WP63976**Sodium Thiosulfate, 0.025N:** W2276**GGA:** WP63977**NaOH, 0.25N:** WP62942**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP63978

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	8.55
WINKLER2	WINKLER 2	2	300	8.4	17.1	8.7	

Meter Calibration1 : 8.55

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

Meter Calibration2 : 8.55

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



QC BATCH ID: LB94893

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 11:10

TIME OUT: 10:00

DATE IN: 04/25/2018

DATE OUT: 04/30/2018

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
LB94893BL	1	No	6.2	N/A	19.5	300	8.54	8.53	0.01	0.01	0.01	
POLYSEED	1					10	8.50	5.76	2.74	0.55	0.55	
POLYSEED	2					15	8.47	4.43	4.04	0.54		
POLYSEED	3					20	8.45	2.78	5.67	0.57		
GGA	1					6	8.54	4.55	3.99	172	172	
GGA	2					6	8.50	4.36	4.14	179.5	179.5	
GGA	3					6	8.48	4.40	4.08	176.5	176.5	
J2284-03	1	No	6.4	N/A	18.8	5	8.55	8.22	-	0	3.88	
J2284-03	2					20	8.59	7.91	-	0		
J2284-03	3					50	8.66	7.60	-	0		
J2284-03	4					150	8.93	6.44	2.49	3.88		
J2510-02	1	No	7.2	N/A	18.7	1	8.53	7.91	-	0	36.72	
J2510-02	2					5	8.32	7.09	-	0		
J2510-02	3					20	8.29	5.14	3.15	39		
J2510-02	4					50	7.79	1.50	6.29	34.44		
J2543-01	1	No	6.3	N/A	18.8	5	8.54	8.05	-	0		
J2543-01	2					20	8.58	7.91	-	0		
J2543-01	3					50	8.61	7.48	-	0		
J2543-01	4					150	8.76	7.20	-	0		
J2543-01DUP	1	No	6.3	N/A	18.8	5	8.53	8.02	-	0		
J2543-01DUP	2					20	8.59	7.88	-	0		
J2543-01DUP	3					50	8.62	7.50	-	0		
J2543-01DUP	4					150	8.74	7.21	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB94893

WorkList Name : BOD042518

WorkList ID : 111238

Date : 4/25/2018 8:50:35 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/26/2018	Water	J2284-03	BOD5	Cool 4 deg C	STAN01	L41	COMP	04/24/2018	SM5210 B
04/25/2018	Water	J2510-02	BOD5	Cool 4 deg C	PSEG02	G62	FADW4710L	04/23/2018	SM5210 B
04/26/2018	Water	J2543-01	BOD5	Cool 4 deg C	PSEG01	G61	TOTE	04/24/2018	SM5210 B

Date/Time 04/25/18 10:40
 Received by: EB
 Relinquished by: CP

Date/Time 04/25/18 11:50
 Received by: CP
 Relinquished by: EB