

**BOD5 LOG****Analysis Date:** 05/24/2018**QC BATCH ID:** LB95592**ANALYST:** Indiana**BOD Water:** WP64798**SUPERVISOR:** apatel**Starch:** W2121**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2151**Alkaline Iodide Azide:** W2241**POLYSEED:** WP64799**Sodium Thiosulfate, 0.025N:** W2276**GGA:** WP64800**NaOH, 0.25N:** WP62942**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP64752

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	8.55
WINKLER2	WINKLER 2	2	300	8.5	17.1	8.6	

Meter Calibration1 : 8.55Zero DO Reading1 : 0.18 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.55Zero DO Reading2 : 0.17 mg/L (<=0.2 Criteria)

QC BATCH ID: LB95592

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 15:30

TIME OUT: 12:30

DATE IN: 05/24/2018

DATE OUT: 05/29/2018

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
LB95592BL	1	No	6.0	N/A	19.8	300	8.55	8.53	0.02	0.02	0.02	
POLYSEED	1					10	8.55	5.70	2.85	0.57	0.59	
POLYSEED	2					15	8.53	4.56	3.97	0.53		
POLYSEED	3					20	8.50	1.76	6.74	0.67		
GGA	1					6	8.51	4.20	4.31	186	186	
GGA	2					6	8.53	4.06	4.47	194	194	
GGA	3					6	8.52	4.11	4.41	191	191	
J3094-04	1	No	7.6	N/A	18.9	5	8.50	7.26	-	0	11.82	
J3094-04	2					20	8.37	6.47	-	0		
J3094-04	3					50	8.41	5.29	3.12	15.18		
J3094-04	4					150	7.57	2.75	4.82	8.46		
J3116-01	1	No	11.86	7.2	18.7	5	8.61	7.02	-	0	11.02	pH Adjusted
J3116-01	2					20	8.65	6.68	-	0		
J3116-01	3					50	8.66	5.85	2.81	13.32		
J3116-01	4					150	8.60	3.65	4.95	8.72		
J3116-01DUP	1	No	11.86	7.2	18.7	5	8.60	7.00	-	0	10.99	pH Adjusted
J3116-01DUP	2					20	8.63	6.69	-	0		
J3116-01DUP	3					50	8.65	5.87	2.78	13.14		
J3116-01DUP	4					150	8.62	3.61	5.01	8.84		
J3122-01	1	No	7.2	N/A	18.8	0.5	8.61	6.97	-	0	197.85	
J3122-01	2					1	8.60	6.63	-	0		
J3122-01	3					2	8.58	6.60	-	0		
J3122-01	4					5	8.49	3.51	4.98	263.4		
J3122-01	5					10	8.40	3.40	5	132.3		
J3122-03	1	No	4.52	7.0	18.8	0.01	8.54	7.12	-	0	12165	pH Adjusted
J3122-03	2					0.05	8.53	5.40	3.13	15240		
J3122-03	3					0.1	8.51	4.89	3.62	9090		
J3122-03	4					0.5	8.50	0.47	-	0		
J3122-03	5					1	8.49	0.40	-	0		
J3125-01	1	No	7.6	N/A	18.7	5	8.44	6.45	-	0	21.55	
J3125-01	2					20	7.79	5.13	2.66	31.05		
J3125-01	3					50	6.50	3.90	2.6	12.06		
J3125-01	4					150	8.41	0.37	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB95592

WorkList Name : BOD052418

WorkList ID : 112558

Date : 5/24/2018 10:29:24 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
05/25/2018	Water	J3094-04	BOD5	Cool 4 deg C	PSEG01	I32	HS-BASELINE-WATER	05/23/2018	SM5210 B
05/26/2018	Water	J3116-01	BOD5	Cool 4 deg C	PSEG01	O12	ETS	05/24/2018	SM5210 B
05/25/2018	Water	J3122-01	BOD5	Cool 4 deg C	HOLL01	N42	EFFLUENT	05/23/2018	SM5210 B
05/25/2018	Water	J3122-03	BOD5	Cool 4 deg C	HOLL01	N42	INFLUENT	05/23/2018	SM5210 B
05/26/2018	Water	J3125-01	BOD5	Cool 4 deg C	PSEG01	O13	72-12013	05/24/2018	SM5210 B

Date/Time 05/24/18 14:00
 Received by: JS
 Relinquished by: JS

Date/Time 05/24/18 15:45
 Received by: JS
 Relinquished by: JS