

**BOD5 LOG****Analysis Date:** 05/09/2018**QC BATCH ID:** LB95225**ANALYST:** Indiana**BOD Water:** WP64339**SUPERVISOR:** apatel**Starch:** W2121**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2151**Alkaline Iodide Azide:** W2241**POLYSEED:** WP64340**Sodium Thiosulfate, 0.025N:** W2276**GGA:** WP64341**NaOH, 0.25N:** WP62942**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP64342

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.3	8.3	8.45
WINKLER2	WINKLER 2	2	300	8.3	16.9	8.6	

Meter Calibration1 : 8.45

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

Meter Calibration2 : 8.42

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



QC BATCH ID: LB95225

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 10:10

TIME OUT: 10:20

DATE IN: 05/09/2018

DATE OUT: 05/14/2018

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
LB95225BL	1	No	6.0	N/A	19.9	300	8.43	8.42	0.01	0.01	0.01	
POLYSEED	1					10	8.35	5.52	2.83	0.57	0.58	
POLYSEED	2					15	8.21	4.37	3.84	0.51		
POLYSEED	3					20	8.07	1.48	6.59	0.66		
GGA	1					6	8.17	3.50	4.67	204.5	204.5	
GGA	2					6	8.15	3.79	4.36	189	189	
GGA	3					6	8.20	3.89	4.31	186.5	186.5	
J2787-01	1	No	6.8	N/A	18.9	1	8.17	7.24	-	0	139.2	
J2787-01	2					5	8.09	5.19	2.9	139.2		
J2787-01	3					20	7.73	0.73	-	0		
J2787-01	4					50	6.94	0.69	-	0		
J2796-02	1	No	6.4	N/A	18.7	5	8.12	7.79	-	0		
J2796-02	2					20	8.10	7.72	-	0		
J2796-02	3					50	8.09	7.74	-	0		
J2796-02	4					150	8.07	7.57	-	0		
J2796-03	1	No	6.4	N/A	18.7	5	8.18	8.12	-	0		
J2796-03	2					20	8.24	8.17	-	0		
J2796-03	3					50	8.45	8.40	-	0		
J2796-03	4					150	9.38	9.31	-	0		
J2796-04	1	No	6.4	N/A	18.7	5	8.16	7.82	-	0		
J2796-04	2					20	8.20	7.90	-	0		
J2796-04	3					50	8.39	8.05	-	0		
J2796-04	4					150	9.19	8.82	-	0		
J2801-01	1	No	6.0	N/A	18.8	1	8.14	6.65	-	0	268.8	
J2801-01	2					5	8.06	3.00	5.06	268.8		
J2801-01	3					20	7.77	0.56	-	0		
J2801-01	4					50	7.25	0.53	-	0		
J2801-02	1	No	6.0	N/A	18.8	1	8.07	6.99	-	0	253.2	
J2801-02	2					5	8.01	3.21	4.8	253.2		
J2801-02	3					20	7.74	0.51	-	0		
J2801-02	4					50	7.26	0.46	-	0		
J2803-06	1	No	6.4	N/A	18.7	1	8.09	7.13	-	0	147.6	
J2803-06	2					5	7.99	4.95	3.04	147.6		
J2803-06	3					20	7.74	0.48	-	0		
J2803-06	4					50	7.15	0.44	-	0		
J2811-13	1	No	6.4	N/A	18.8	5	8.05	7.64	-	0	36.33	
J2811-13	2					20	7.98	2.96	5.02	66.6		
J2811-13	3					50	7.83	6.55	-	0		
J2811-13	4					150	7.36	3.75	3.61	6.06		
J2811-13DUP	1	No	6.4	N/A	18.8	5	8.03	7.62	-	0	36.14	
J2811-13DUP	2					20	7.97	2.97	5	66.3		

J2811-13DUP	3					50	7.81	6.54	-	0		
J2811-13DUP	4					150	7.33	3.76	3.57	5.98		

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

LB05225

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD050918

WorkList ID : 111841

Date : 5/9/2018 8:51:09 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
05/09/2018	Water	J2787-01	BOD5	Cool 4 deg C	PSEG01	I31	V23608-VB102	05/07/2018	SM5210 B
05/09/2018	Water	J2796-02	BOD5	Cool 4 deg C	SHAW22	J21	KY038PS027-180507	05/07/2018	SM5210 B
05/09/2018	Water	J2796-03	BOD5	Cool 4 deg C	SHAW22	J21	KY038PS033-180507	05/07/2018	SM5210 B
05/09/2018	Water	J2796-04	BOD5	Cool 4 deg C	SHAW22	J21	KY038PS034-180507	05/07/2018	SM5210 B
05/10/2018	Water	J2801-01	BOD5	Cool 4 deg C	TRIS02	J62	SEWER-OUTFALL-001	05/08/2018	SM5210 B
05/10/2018	Water	J2801-02	BOD5	Cool 4 deg C	TRIS02	J62	SEWER-OUTFALL-002	05/08/2018	SM5210 B
05/10/2018	Water	J2803-06	BOD5	Cool 4 deg C	PSEG02	I22	OILY-WATER	05/08/2018	SM5210 B
05/10/2018	Water	J2811-13	BOD5	Cool 4 deg C	PSEG01	I33	TP-6	05/08/2018	SM5210 B

Date/Time 05/10/18 9:15

Received by: IB

Relinquished by: CB

Date/Time

Received by:

Relinquished by:

05/10/18 10:38

CP

IB