

**BOD5 LOG****Analysis Date:** 09/06/2018**QC BATCH ID:** LB97783**ANALYST:** Indiana**BOD Water:** WP67616**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP67617**Sodium Thiosulfate, 0.025N:** W2337**GGA:** WP67618**NaOH, 0.25N:** WP66873**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP67560

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

Meter Calibration2 : 8.55

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



QC BATCH ID: LB97783

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 16:20

TIME OUT: 11:30

DATE IN: 09/06/2018

DATE OUT: 09/11/2018

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
LB97783BL	1	No	6.0	N/A	19.9	300	8.53	8.51	0.02	0.02	0.02	
POLYSEED	1					10	8.48	5.01	3.47	0.69	0.75	
POLYSEED	2					15	8.34	2.02	6.32	0.84		
POLYSEED	3					20	8.33	1.10	7.23	0.72		
GGA	1					6	8.51	3.79	4.72	198.5	198.5	
GGA	2					6	8.51	3.85	4.66	195.5	195.5	
GGA	3					6	8.53	3.90	4.63	194	194	
J4796-02	1	No	6.4	N/A	18.9	0.5	8.54	6.79	-	0	282.5	
J4796-02	2					1	8.52	6.68	-	0		
J4796-02	3					2	8.51	5.76	2.75	300		
J4796-02	4					3	8.49	5.09	3.4	265		
J4796-02DUP	1	No	6.4	N/A	18.9	0.5	8.54	6.80	-	0	283.25	
J4796-02DUP	2					1	8.52	6.70	-	0		
J4796-02DUP	3					2	8.50	5.74	2.76	301.5		
J4796-02DUP	4					3	8.48	5.08	3.4	265		
J4799-02	1	No	6.8	N/A	18.8	0.5	8.54	4.05	4.49	2244	2005.5	
J4799-02	2					1	8.51	1.87	6.64	1767		
J4799-02	3					5	8.49	0.82	-	0		
J4799-02	4					20	8.35	0.77	-	0		
J4801-05	1	No	7.8	N/A	18.7	5	8.52	7.68	-	0	12.27	
J4801-05	2					20	8.49	6.21	2.28	22.95		
J4801-05	3					50	8.34	5.86	2.48	10.38		
J4801-05	4					150	8.02	5.53	2.49	3.48		
J4807-01	1	No	6.4	N/A	18.7	1	8.49	6.34	2.15	420	220.05	
J4807-01	2					5	8.45	4.72	3.73	178.8		
J4807-01	3					20	8.24	3.40	4.84	61.35		
J4807-01	4					50	7.82	0.68	-	0		
J4813-01	1	No	5.45	7.0	18.7	0.05	8.51	7.80	-	0	1680	pH Adjusted
J4813-01	2					0.1	8.50	7.42	-	0		
J4813-01	3					0.5	8.49	4.94	3.55	1680		
J4813-01	4					2	8.48	0.63	-	0		
J4813-01	5					10	8.40	0.59	-	0		
J4814-01	1	No	6.4	N/A	18.7	1	8.47	5.51	2.96	663	498.6	
J4814-01	2					5	8.34	2.02	6.32	334.2		
J4814-01	3					20	8.10	0.54	-	0		
J4814-01	4					50	8.08	0.51	-	0		
J4819-01	1	No	7.0	N/A	18.8	5	8.48	4.56	3.92	190.2	148.2	
J4819-01	2					10	8.39	4.10	4.29	106.2		
J4819-01	3					50	7.74	0.54	-	0		
J4819-01	4					100	7.17	0.46	-	0		
J4819-02	1	No	7.0	N/A	18.8	5	8.43	5.55	2.88	127.8	117	

J4819-02	2					10	8.32	4.03	4.29	106.2		
J4819-02	3					50	7.68	0.47	-	0		
J4819-02	4					100	6.67	0.43	-	0		

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

LB97783

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD090618

WorkList ID : 116452

Date : 9/6/2018 9:29:26 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/07/2018	Water	J4796-02	BOD5	Cool 4 deg C	ARAM01	H41	COMP	09/05/2018	SM5210 B
09/07/2018	Water	J4799-02	BOD5	Cool 4 deg C	ARDM01	H13	EFF-WASTE-WATER	09/05/2018	SM5210 B
09/07/2018	Water	J4801-05	BOD5	Cool 4 deg C	PSEG01	I13	OILY-WATER	09/05/2018	SM5210 B
09/07/2018	Water	J4807-01	BOD5	Cool 4 deg C	PHAR02	H21	15220032-1	09/05/2018	SM5210 B
09/08/2018	Water	J4813-01	BOD5	Cool 4 deg C	MAJO01	I21	DRAIN-WATER-TANK-1	09/06/2018	SM5210 B
09/08/2018	Water	J4814-01	BOD5	Cool 4 deg C	PHAR02	I51	32220008-3	09/06/2018	SM5210 B
09/07/2018	Water	J4819-01	BOD5	Cool 4 deg C	TULL01	I23	001M-WILLETTS-PT-BLVD(SEI	09/05/2018	SM5210 B
09/07/2018	Water	J4819-02	BOD5	Cool 4 deg C	TULL01	I23	002M-35TH-AVE(SEP)	09/05/2018	SM5210 B

Date/Time

Received by:

Relinquished by:

Date/Time

Received by:

Relinquished by: