

**BOD5 LOG****Analysis Date:** 11/07/2018**QC BATCH ID:** LB99093**ANALYST:** Indiana**BOD Water:** WP69396**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP69397**Sodium Thiosulfate, 0.025N:** WP68780**GGA:** WP69398**NaOH, 0.25N:** WP68486**Chlorine Strips:** W2429**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP69300

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	7.8	7.8	8
WINKLER2	WINKLER 2	2	300	7.8	16.0	8.2	

Meter Calibration1 : 8.0

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

Meter Calibration2 : 8.0

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

QC BATCH ID: LB99093

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 17:40

TIME OUT: 12:00

DATE IN: 11/07/2018

DATE OUT: 11/12/2018

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
LB99093BL	1	No	6.0	N/A	20.0	300	7.99	7.98	0.01	0.01	0.01	
POLYSEED	1					10	7.89	4.01	3.88	0.78	0.81	
POLYSEED	2					15	7.82	1.57	6.25	0.83		
POLYSEED	3					20	7.76	0.80	-	0		
GGA	1					6	7.91	3.68	4.23	171	171	
GGA	2					6	7.95	3.70	4.25	172	172	
GGA	3					6	7.93	3.71	4.22	170.5	170.5	
J5844-01	1	No	6.8	N/A	18.7	5	7.86	5.90	-	0	26.13	
J5844-01	2					20	7.60	4.77	2.83	30.3		
J5844-01	3					50	7.30	2.83	4.47	21.96		
J5844-01	4					150	5.17	0.06	-	0		
J5844-04	1	No	6.8	N/A	18.7	5	7.89	5.97	-	0	24.93	
J5844-04	2					20	7.88	5.15	2.73	28.8		
J5844-04	3					50	7.79	3.47	4.32	21.06		
J5844-04	4					150	7.37	0.23	-	0		
J5845-02	1	No	6.8	N/A	18.8	5	7.90	6.06	-	0		
J5845-02	2					20	7.93	6.83	-	0		
J5845-02	3					50	7.99	7.09	-	0		
J5845-02	4					150	8.02	7.28	-	0		
J5855-01	1	No	6.4	N/A	18.8	0.5	7.97	5.39	2.58	1062	774.63	
J5855-01	2					1	7.95	4.25	3.7	867		
J5855-01	3					2	7.92	2.44	5.48	700.5		
J5855-01	4					3	7.90	2.40	5.5	469		
J5855-01DUP	1	No	6.4	N/A	18.8	0.5	7.98	5.41	2.57	1056	775	
J5855-01DUP	2					1	7.96	4.22	3.74	879		
J5855-01DUP	3					2	7.91	2.46	5.45	696		
J5855-01DUP	4					3	7.88	2.38	5.5	469		
J5858-13	1	No	7.0	N/A	18.8	5	7.98	6.39	-	0	3.22	
J5858-13	2					20	7.62	5.87	-	0		
J5858-13	3					50	7.55	5.58	-	0		
J5858-13	4					150	7.13	4.71	2.42	3.22		

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

2899093

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD110718

WorkList ID : 118976

Date : 11/7/2018 5:48:31 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
11/09/2018	Water	J5844-01	BOD5	Cool 4 deg C	PSEG01	I31	MH-A-B	11/07/2018	SM5210 B
11/09/2018	Water	J5844-04	BOD5	Cool 4 deg C	PSEG01	I31	MH-C	11/07/2018	SM5210 B
11/08/2018	Water	J5845-02	BOD5	Cool 4 deg C	SHAW22	F21	OUTFALL001-181106	11/06/2018	SM5210 B
11/09/2018	Water	J5855-01	BOD5	Cool 4 deg C	ARAM01	F31	COMP	11/07/2018	SM5210 B
11/09/2018	Water	J5858-13	BOD5	Cool 4 deg C	PSEG01	I31	SB-9-GW	11/07/2018	SM5210 B

Date/Time

Received by:

Relinquished by:

11/07/18 16:52

ES

Date/Time

Received by:

Relinquished by:

11/07/18 18:00

ES