

**BOD5 LOG****Analysis Date:** 09/19/2018**QC BATCH ID:** LB98034**ANALYST:** Indiana**BOD Water:** WP67935**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP67936**Sodium Thiosulfate, 0.025N:** W2337**GGA:** WP67937**NaOH, 0.25N:** WP66873**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP67938

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	8.4
WINKLER2	WINKLER 2	2	300	8.3	16.8	8.5	

Meter Calibration1 : 8.4

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

Meter Calibration2 : 8.4

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

QC BATCH ID: LB98034

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 09:20

TIME OUT: 11:00

DATE IN: 09/19/2018

DATE OUT: 09/24/2018

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
LB98034BL	1	No	6.0	N/A	19.9	300	8.39	8.37	0.02	0.02	0.02	
POLYSEED	1					10	8.38	3.93	4.45	0.89	0.89	
POLYSEED	2					15	8.36	0.90	-	0		
POLYSEED	3					20	8.32	0.57	-	0		
GGA	1					6	8.35	3.89	4.46	178.5	178.5	
GGA	2					6	8.33	3.95	4.38	174.5	174.5	
GGA	3					6	8.34	3.85	4.49	180	180	
J4956-02	1	No	6.4	N/A	18.8	5	8.33	8.27	-	0		
J4956-02	2					20	8.31	7.59	-	0		
J4956-02	3					50	8.29	7.48	-	0		
J4956-02	4					150	8.28	7.33	-	0		
J4956-02DUP	1	No	6.4	N/A	18.8	5	8.34	8.30	-	0		
J4956-02DUP	2					20	8.32	7.60	-	0		
J4956-02DUP	3					50	8.30	7.47	-	0		
J4956-02DUP	4					150	8.26	7.31	-	0		
J4957-01	1	No	8.75	7.0	18.8	5	8.30	7.84	-	0	18.15	pH Adjusted
J4957-01	2					20	8.15	6.05	2.1	18.15		
J4957-01	3					50	7.55	6.00	-	0		
J4957-01	4					150	5.60	0.74	-	0		
J4979-04	1	No	7.6	N/A	18.7	5	8.34	7.31	-	0	4	
J4979-04	2					20	8.33	7.25	-	0		
J4979-04	3					50	8.26	7.06	-	0		
J4979-04	4					150	8.09	5.20	2.89	4		
J4982-01	1	No	7.6	N/A	18.7	5	8.37	6.88	-	0		
J4982-01	2					20	8.35	6.99	-	0		
J4982-01	3					50	8.34	6.93	-	0		
J4982-01	4					150	8.26	7.35	-	0		

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

WORKLIST(Hardcopy Internal Chain)

LB98034

WorkList Name : BOD091818

WorkList ID : 116894

Date : 9/18/2018 4:36:27 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/19/2018	Water	J4956-02	BOD5	Cool 4 deg C	PSEG01	I61	GROUNDWATER	09/17/2018	SM5210 B
09/19/2018	Water	J4957-01	BOD5	Cool 4 deg C	PSEG01	I61	N48966	09/17/2018	SM5210 B
09/20/2018	Water	J4979-04	BOD5	Cool 4 deg C	PSEG01	I61	GROUND-WATER	09/18/2018	SM5210 B
09/20/2018	Water	J4982-01	BOD5	Cool 4 deg C	PSEG01	I63	OILY-WATER	09/18/2018	SM5210 B

Date/Time

Received by:

Relinquished by:

09/19/18 8:30
IS
AP

Date/Time

Received by:

Relinquished by:

09/19/18 10:00
AP
IS