

**BOD5 LOG****Analysis Date:** 08/14/2018**QC BATCH ID:** LB97310**ANALYST:** Indiana**BOD Water:** WP67018**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP67020**Sodium Thiosulfate, 0.025N:** W2337**GGA:** WP67019**NaOH, 0.25N:** WP62942**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP66831

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	8.45
WINKLER2	WINKLER 2	2	300	8.4	16.9	8.5	

Meter Calibration1 : 8.45

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

Meter Calibration2 : 8.45

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



QC BATCH ID: LB97310

INCUBATOR TEMP IN(C): 20.7

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 17:30

TIME OUT: 12:00

DATE IN: 08/14/2018

DATE OUT: 08/19/2018

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
LB97310BL	1	No	6.0	N/A	19.9	300	8.42	8.41	0.01	0.01	0.01	
POLYSEED	1					10	8.29	5.09	3.2	0.64	0.66	
POLYSEED	2					15	8.18	3.10	5.08	0.68		
POLYSEED	3					20	8.08	1.50	6.58	0.66		
GGA	1					6	8.24	4.09	4.15	174.5	174.5	
GGA	2					6	8.30	4.07	4.23	178.5	178.5	
GGA	3					6	8.10	4.01	4.09	171.5	171.5	
J4459-01	1	No	7.0	N/A	18.7	5	8.27	8.00	-	0	2.82	
J4459-01	2					20	8.22	7.13	-	0		
J4459-01	3					50	8.12	6.25	-	0		
J4459-01	4					150	7.57	5.50	2.07	2.82		
J4473-02	1	No	6.8	N/A	18.7	5	8.40	8.15	-	0		
J4473-02	2					20	8.22	8.01	-	0		
J4473-02	3					50	8.20	7.71	-	0		
J4473-02	4					150	8.04	7.38	-	0		
J4473-03	1	No	6.8	N/A	18.7	5	8.47	7.97	-	0		
J4473-03	2					20	8.46	7.84	-	0		
J4473-03	3					50	8.51	8.02	-	0		
J4473-03	4					150	8.80	8.41	-	0		
J4473-04	1	No	6.8	N/A	18.7	5	8.41	7.31	-	0		
J4473-04	2					20	8.36	7.08	-	0		
J4473-04	3					50	8.19	6.65	-	0		
J4473-04	4					150	7.60	6.32	-	0		
J4473-04DUP	1	No	6.8	N/A	18.7	5	8.38	7.31	-	0		
J4473-04DUP	2					20	8.21	7.10	-	0		
J4473-04DUP	3					50	7.87	6.68	-	0		
J4473-04DUP	4					150	6.39	6.34	-	0		
J4474-01	1	No	6.8	N/A	18.8	5	8.38	6.49	-	0	32.16	
J4474-01	2					20	8.21	6.36	-	0		
J4474-01	3					50	7.87	1.85	6.02	32.16		
J4474-01	4					150	6.39	0.87	-	0		

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

WORKLIST(Hardcopy Internal Chain)

2097310

WorkList Name : BOD5081418

WorkList ID : 115622

Date : 8/14/2018 3:14:34 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
08/15/2018	Water	J4459-01	BOD5	Cool 4 deg C	PSEG01	P63	FRAC-TANK-SV30518L	08/13/2018	SM5210 B
08/15/2018	Water	J4473-02	BOD5	Cool 4 deg C	SHAW22	P31	KY038PS027-180813	08/13/2018	SM5210 B
08/15/2018	Water	J4473-03	BOD5	Cool 4 deg C	SHAW22	P31	KY038PS033-180813	08/13/2018	SM5210 B
08/15/2018	Water	J4473-04	BOD5	Cool 4 deg C	SHAW22	P31	KY038PS034-180813	08/13/2018	SM5210 B
08/16/2018	Water	J4474-01	BOD5	Cool 4 deg C	PSEG01	K63	FRAC-TANK-SV28570L	08/14/2018	SM5210 B

Date/Time 08/14/18 16:00

Received by: JS

Relinquished by: JS

Date/Time 08/14/18 17:40

Received by: JS

Relinquished by: JS