

**BOD5 LOG****Analysis Date:** 08/03/2018**QC BATCH ID:** LB97107**ANALYST:** Indiana**BOD Water:** WP66720**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP66721**Sodium Thiosulfate, 0.025N:** W2337**GGA:** WP66722**NaOH, 0.25N:** WP62942**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP66646

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	8.5
WINKLER2	WINKLER 2	2	300	8.4	17.0	8.6	

Meter Calibration1 : 8.50Zero DO Reading1 : 0.18 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.50Zero DO Reading2 : 0.17 mg/L (<=0.2 Criteria)



QC BATCH ID: LB97107

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 11:00

TIME OUT: 11:00

DATE IN: 08/03/2018

DATE OUT: 08/08/2018

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
LB97107BL	1	No	6.0	N/A	19.9	300	8.49	8.48	0.01	0.01	0.01	
POLYSEED	1					10	8.47	5.90	2.57	0.51	0.52	
POLYSEED	2					15	8.45	4.44	4.01	0.53		
POLYSEED	3					20	8.11	3.0	5.11	0.51		
GGA	1					6	8.46	3.99	4.47	197.5	197.5	
GGA	2					6	8.43	4.08	4.35	191.5	191.5	
GGA	3					6	8.44	4.05	4.39	193.5	193.5	
J4290-01	1	No	8.37	7.0	18.8	5	8.51	7.58	-	0		pH Adjusted
J4290-01	2					20	8.56	7.84	-	0		
J4290-01	3					50	8.66	7.99	-	0		
J4290-01	4					150	8.79	8.21	-	0		
J4316-09	1	No	7.6	N/A	18.7	5	8.48	7.27	-	0	15.02	
J4316-09	2					20	8.40	6.44	-	0		
J4316-09	3					50	8.17	4.39	3.78	19.56		
J4316-09	4					150	7.04	1.28	5.76	10.48		
J4317-01	1	No	7.6	N/A	18.7	5	8.44	6.47	-	0	19.49	
J4317-01	2					20	8.38	5.80	2.58	30.9		
J4317-01	3					50	8.35	5.19	3.16	15.84		
J4317-01	4					150	8.17	1.79	6.38	11.72		
J4317-01DUP	1	No	7.6	N/A	18.7	5	8.45	6.46	-	0	19.56	
J4317-01DUP	2					20	8.39	5.78	2.61	31.35		
J4317-01DUP	3					50	8.34	5.22	3.12	15.6		
J4317-01DUP	4					150	8.19	1.81	6.38	11.72		

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

2397107

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD080218

WorkList ID : 115217

Date : 8/2/2018 4:07:51 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
08/03/2018	Water	J4290-01	BOD5	Cool 4 deg C	SCIE01	O62	WASTE-WATER-DISCHARGE	08/01/2018	SM5210 B
08/04/2018	Water	J4316-09	BOD5	Cool 4 deg C	PSEG01	K63	OW-2-4	08/02/2018	SM5210 B
08/04/2018	Water	J4317-01	BOD5	Cool 4 deg C	PSEG01	K63	N28424	08/02/2018	SM5210 B

Date/Time 08/03/18 10:00

Received by: IB

Relinquished by: CB

Date/Time

Received by:

Relinquished by: