

**BOD5 LOG****Analysis Date:** 09/26/2018**QC BATCH ID:** LB98209**ANALYST:** Indiana**BOD Water:** WP68121**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP68122**Sodium Thiosulfate, 0.025N:** W2337**GGA:** WP68123**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	8.45
WINKLER2	WINKLER 2	2	300	8.3	16.9	8.6	

Meter Calibration1 : 8.45

Zero DO Reading1 : 0.19 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.45

Zero DO Reading2 : 0.18 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB98209

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 10:10

TIME OUT: 12:00

DATE IN: 09/26/2018

DATE OUT: 10/01/2018

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
LB98209BL	1	No	6.0	N/A	19.9	300	8.44	8.42	0.02	0.02	0.02	
POLYSEED	1					10	8.44	3.95	4.49	0.9	0.8	
POLYSEED	2					15	8.43	2.18	6.25	0.83		
POLYSEED	3					20	8.40	1.59	6.81	0.68		
GGA	1					6	8.42	3.97	4.45	182.5	182.5	
GGA	2					6	8.43	3.82	4.61	190.5	190.5	
GGA	3					6	8.43	3.85	4.58	189	189	
J5055-20	1	No	7.0	N/A	18.7	5	8.45	6.43	2.02	73.2	27.96	
J5055-20	2					20	8.44	6.38	2.06	18.9		
J5055-20	3					50	8.42	5.32	3.1	13.8		
J5055-20	4					150	8.40	4.63	3.77	5.94		
J5055-20DUP	1	No	7.0	N/A	18.7	5	8.43	6.41	2.02	73.2	27.87	
J5055-20DUP	2					20	8.42	6.37	2.05	18.75		
J5055-20DUP	3					50	8.41	5.33	3.08	13.68		
J5055-20DUP	4					150	8.38	4.65	3.73	5.86		
J5078-01	1	No	6.6	N/A	18.8	5	7.42	5.18	2.24	86.4	56.37	
J5078-01	2					20	8.29	8.15	-	0		
J5078-01	3					50	7.81	2.62	5.19	26.34		
J5078-01	4					150	6.65	0.48	-	0		

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

WORKLIST(Hardcopy Internal Chain)

2898209

WorkList Name: BOD5092518

WorkList ID : 117216

Date : 9/25/2018 2:24:32 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/26/2018	Water	J5055-20	BOD5	Cool 4 deg C	PSEG01	I21	OILY-WATER	09/24/2018	SM5210 B
09/27/2018	Water	J5078-01	BOD5	Cool 4 deg C	PSEG01	I21	600-WILSON-AVE-NEWARK	09/25/2018	SM5210 B

Date/Time

Received by:

Relinquished by:

09/26/18 9:45

SB

Date/Time

Received by:

Relinquished by:

09/26/18 10:30

SB