

**BOD5 LOG****Analysis Date:** 12/16/2018**QC BATCH ID:** LB99859**ANALYST:** Indiana**BOD Water:** WP70322**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP70323**Sodium Thiosulfate, 0.025N:** W2337**GGA:** WP70324**NaOH, 0.25N:** WP68486**Chlorine Strips:** W2429**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP70338

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.5	8.5	8.55
WINKLER2	WINKLER 2	2	300	8.5	17.1	8.6	

Meter Calibration1 : 8.55Zero DO Reading1 : 0.19 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.55Zero DO Reading2 : 0.17 mg/L (<=0.2 Criteria)



QC BATCH ID: LB99859

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 12:00

TIME OUT: 11:30

DATE IN: 12/16/2018

DATE OUT: 12/21/2018

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
LB99859BL	1	No	6.0	N/A	20.0	300	8.54	8.52	0.02	0.02	0.02	
POLYSEED	1					10	8.48	3.25	5.23	1.05	0.98	
POLYSEED	2					15	8.47	1.63	6.84	0.91		
POLYSEED	3					20	8.44	0.98	-	0		
GGA	1					6	8.49	3.69	4.8	191	191	
GGA	2					6	8.51	3.77	4.74	188	188	
GGA	3					6	8.47	3.75	4.72	187	187	
J6438-05	1	No	5.36	7.2	18.8	1	8.39	4.24	4.15	951	450.6	pH Adjusted
J6438-05	2					5	8.24	2.13	6.11	307.8		
J6438-05	3					20	8.23	1.05	7.18	93		
J6438-05	4					50	8.20	0.10	-	0		
J6438-09	1	No	5.89	7.0	18.8	1	8.43	5.92	2.51	459	391.2	pH Adjusted
J6438-09	2					5	8.37	2.00	6.37	323.4		
J6438-09	3					20	8.35	0.72	-	0		
J6438-09	4					50	8.33	0.36	-	0		
J6438-13	1	No	5.75	7.0	18.7	1	7.88	2.13	5.75	1431	837	pH Adjusted
J6438-13	2					5	6.05	1.02	5.03	243		
J6438-13	3					20	2.36	0.09	-	0		
J6438-13	4					50	0.15	0.03	-	0		
J6438-17	1	No	6.8	N/A	18.7	1	8.01	6.52	-	0	142.2	
J6438-17	2					5	8.33	4.98	3.35	142.2		
J6438-17	3					20	7.99	0.11	-	0		
J6438-17	4					50	7.97	0.07	-	0		
J6440-02	1	No	6.8	N/A	18.7	1	8.41	6.10	2.31	399	247.5	
J6440-02	2					5	8.27	5.69	2.58	96		
J6440-02	3					20	8.25	0.88	-	0		
J6440-02	4					50	8.05	0.35	-	0		
J6440-05	1	No	5.70	7.2	18.7	1	7.90	1.88	6.02	1512	1512	pH Adjusted
J6440-05	2					5	7.85	0.90	-	0		
J6440-05	3					20	7.78	0.15	-	0		
J6440-05	4					50	6.84	0.10	-	0		
J6440-08	1	No	6.0	N/A	18.7	5	8.52	5.74	2.78	108	90.08	
J6440-08	2					20	8.48	2.69	5.79	72.15		
J6440-08	3					50	8.41	0.73	-	0		
J6440-08	4					150	8.19	0.09	-	0		
J6440-08DUP	1	No	6.0	N/A	18.7	5	8.51	5.77	2.74	105.6	88.8	
J6440-08DUP	2					20	8.49	2.71	5.78	72		
J6440-08DUP	3					50	8.40	0.75	-	0		
J6440-08DUP	4					150	8.15	0.12	-	0		

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

LB99859

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD121418-2

WorkList ID : 120390

Date : 12/14/2018 4:47:58 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
12/16/2018	Water	J6438-05	BOD5	Cool 4 deg C	PSEG01	E21	COMP-1	12/14/2018	SM5210 B
12/16/2018	Water	J6438-09	BOD5	Cool 4 deg C	PSEG01	E21	COMP-2	12/14/2018	SM5210 B
12/16/2018	Water	J6438-13	BOD5	Cool 4 deg C	PSEG01	E21	COMP-3	12/14/2018	SM5210 B
12/16/2018	Water	J6438-17	BOD5	Cool 4 deg C	PSEG01	E21	COMP-4	12/14/2018	SM5210 B
12/16/2018	Water	J6440-02	BOD5	Cool 4 deg C	PSEG01	E12	COMP-2	12/14/2018	SM5210 B
12/16/2018	Water	J6440-05	BOD5	Cool 4 deg C	PSEG01	E12	COMP-3	12/14/2018	SM5210 B
12/16/2018	Water	J6440-08	BOD5	Cool 4 deg C	PSEG01	E12	COMP-4	12/14/2018	SM5210 B

Date/Time 12/16/18 10:00
Received by: EB
Relinquished by: JB

Date/Time 12/16/18 13:00
Received by: JB
Relinquished by: EB