

**BOD5 LOG****Analysis Date:** 06/13/2018**QC BATCH ID:** LB95986**ANALYST:** Indiana**BOD Water:** WP65256**SUPERVISOR:** apatel**Starch:** W2121**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2151**Alkaline Iodide Azide:** W2241**POLYSEED:** WP65257**Sodium Thiosulfate, 0.025N:** W2276**GGA:** WP65258**NaOH, 0.25N:** WP62942**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP65259

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 : 8.55

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

Meter Calibration2 : 8.55

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



QC BATCH ID: LB95986

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.6

TIME IN: 12:15

TIME OUT: 11:00

DATE IN: 06/13/2018

DATE OUT: 06/18/2018

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
LB95986BL	1	No	6.0	N/A	19.9	300	8.53	8.47	0.06	0.06	0.06	
POLYSEED	1					10	8.54	5.28	3.26	0.65	0.66	
POLYSEED	2					15	8.52	3.48	5.04	0.67		
POLYSEED	3					20	8.48	0.72	-	0		
GGA	1					6	8.47	4.01	4.46	190	190	
GGA	2					6	8.51	4.08	4.43	188.5	188.5	
GGA	3					6	8.52	4.11	4.41	187.5	187.5	
J3448-01	1	No	7.6	N/A	18.8	5	8.53	7.35	-	0	5.42	
J3448-01	2					20	8.48	6.94	-	0		
J3448-01	3					50	8.24	6.27	-	0		
J3448-01	4					150	7.25	3.88	3.37	5.42		
J3448-03	1	No	7.6	N/A	18.8	5	8.52	6.77	-	0	16.21	
J3448-03	2					20	8.42	6.25	2.17	22.65		
J3448-03	3					50	8.13	4.92	3.21	15.3		
J3448-03	4					150	7.19	1.19	6	10.68		
J3448-05	1	No	7.6	N/A	18.8	5	8.44	6.22	2.22	93.6	68.03	
J3448-05	2					20	8.07	4.58	3.49	42.45		
J3448-05	3					50	7.63	0.37	-	0		
J3448-05	4					150	5.03	0.27	-	0		
J3451-01	1	No	7.6	N/A	18.7	5	8.36	5.93	2.43	106.2	52.51	
J3451-01	2					20	8.23	5.20	3.03	35.55		
J3451-01	3					50	7.84	4.55	3.29	15.78		
J3451-01	4					150	6.42	0.66	-	0		
J3451-03	1	No	7.6	N/A	18.7	5	8.32	5.28	3.04	142.8	66.01	
J3451-03	2					20	8.29	4.90	3.39	40.95		
J3451-03	3					50	7.81	4.77	3.04	14.28		
J3451-03	4					150	6.02	0.30	-	0		
J3452-02	1	No	6.8	N/A	18.7	5	8.45	7.15	-	0		
J3452-02	2					20	8.47	7.06	-	0		
J3452-02	3					50	8.50	7.55	-	0		
J3452-02	4					150	8.83	7.63	-	0		
J3452-03	1	No	6.8	N/A	18.8	5	8.46	7.71	-	0		
J3452-03	2					20	8.60	8.05	-	0		
J3452-03	3					50	8.88	8.80	-	0		
J3452-03	4					150	10.60	10.20	-	0		
J3452-04	1	No	6.8	N/A	18.8	5	8.42	6.73	-	0		
J3452-04	2					20	8.40	7.50	-	0		
J3452-04	3					50	8.41	7.50	-	0		
J3452-04	4					150	8.71	7.74	-	0		
J3452-04DUP	1	No	6.8	N/A	18.4	5	8.39	6.74	-	0		
J3452-04DUP	2					20	8.43	7.51	-	0		

J3452-04DUP	3					50	8.70	7.52	-	0		
J3452-04DUP	4					150	8.70	7.75	-	0		
J3456-01	1	No	6.4	N/A	18.7	5	8.27	7.52	-	0	29.39	
J3456-01	2					20	8.21	5.02	3.19	37.95		
J3456-01	3					50	7.92	3.79	4.13	20.82		
J3456-01	4					150	7.39	0.70	-	0		

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

2895986

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD061318

WorkList ID : 113287

Date : 6/13/2018 10:00:05 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
06/14/2018	Water	J3448-01	BOD5	Cool 4 deg C	PSEG01	D11	N-48971	06/12/2018	SM5210 B
06/14/2018	Water	J3448-03	BOD5	Cool 4 deg C	PSEG01	D11	N-48969	06/12/2018	SM5210 B
06/14/2018	Water	J3448-05	BOD5	Cool 4 deg C	PSEG01	D11	N-48966	06/12/2018	SM5210 B
06/14/2018	Water	J3451-01	BOD5	Cool 4 deg C	PSEG01	D11	VB-25830-SLUDGEBOX	06/12/2018	SM5210 B
06/14/2018	Water	J3451-03	BOD5	Cool 4 deg C	PSEG01	D11	VB-44949-SLUDGEBOX	06/12/2018	SM5210 B
06/13/2018	Water	J3452-02	BOD5	Cool 4 deg C	SHAW22	P31	KY038PS027-180611	06/11/2018	SM5210 B
06/13/2018	Water	J3452-03	BOD5	Cool 4 deg C	SHAW22	P31	KY038PS033-180611	06/11/2018	SM5210 B
06/13/2018	Water	J3452-04	BOD5	Cool 4 deg C	SHAW22	P31	KY038PS034-180611	06/11/2018	SM5210 B
06/14/2018	Water	J3456-01	BOD5	Cool 4 deg C	PSEG01	D12	ES-OILY-WATER	06/12/2018	SM5210 B

Date/Time 06/13/18 11:05
 Received by: [Signature]
 Relinquished by: [Signature]

Date/Time 06/13/18 13:50
 Received by: [Signature]
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