

**BOD5 LOG****Analysis Date:** 10/17/2018**QC BATCH ID:** LB98678**ANALYST:** Indiana**BOD Water:** WP69796**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP68799**Sodium Thiosulfate, 0.025N:** W2337**GGA:** WP68781**NaOH, 0.25N:** WP68486**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP68795

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	8.55
WINKLER2	WINKLER 2	2	300	8.3	17.1	8.8	

Meter Calibration1 : 8.55Zero DO Reading1 : 0.18 mg/L (<=0.2 Criteria)**After Incubation**Meter Calibration2 : 8.55Zero DO Reading2 : 0.17 mg/L (<=0.2 Criteria)



QC BATCH ID: LB98678

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 10:00

TIME OUT: 11:30

DATE IN: 10/17/2018

DATE OUT: 10/22/2018

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
LB98678BL	1	No	6.0	N/A	20.0	300	8.52	8.50	0.02	0.02	0.02	
POLYSEED	1					10	8.41	3.82	4.59	0.92	0.81	
POLYSEED	2					15	8.34	2.42	5.92	0.79		
POLYSEED	3					20	8.30	1.13	7.17	0.72		
GGA	1					6	8.40	3.77	4.63	191	191	
GGA	2					6	8.48	3.73	4.75	197	197	
GGA	3					6	8.45	3.71	4.74	196.5	196.5	
J5519-01	1	No	6.8	N/A	19.0	5	8.47	7.82	-	0	4.3	
J5519-01	2					20	8.59	7.41	-	0		
J5519-01	3					50	8.81	6.83	-	0		
J5519-01	4					150	9.46	6.50	2.96	4.3		
J5569-01	1	No	6.35	N/A	18.9	5	8.45	6.80	-	0	41.85	
J5569-01	2					20	8.31	4.71	3.6	41.85		
J5569-01	3					50	7.87	0.32	-	0		
J5569-01	4					150	6.63	0.26	-	0		
J5569-02	1	No	6.4	N/A	18.9	5	8.51	6.56	-	0	8.44	
J5569-02	2					20	8.40	6.43	-	0		
J5569-02	3					50	8.18	6.15	2.03	7.32		
J5569-02	4					150	7.09	1.50	5.59	9.56		
J5569-05	1	No	7.0	N/A	18.9	5	8.51	7.96	-	0	8.94	
J5569-05	2					20	8.57	6.59	-	0		
J5569-05	3					50	8.55	6.25	2.3	8.94		
J5569-05	4					150	8.29	0.12	-	0		
J5569-06	1	No	7.6	N/A	18.9	5	8.53	8.28	-	0	2.64	
J5569-06	2					20	8.62	7.92	-	0		
J5569-06	3					50	8.88	7.90	-	0		
J5569-06	4					150	10.02	7.89	2.13	2.64		
J5569-07	1	No	7.6	N/A	18.9	5	8.39	7.77	-	0		
J5569-07	2					20	8.52	7.88	-	0		
J5569-07	3					50	8.54	7.93	-	0		
J5569-07	4					150	8.75	8.01	-	0		
J5569-07DUP	1	No	7.6	N/A	18.9	5	8.38	7.74	-	0		
J5569-07DUP	2					20	8.50	7.86	-	0		
J5569-07DUP	3					50	8.51	7.95	-	0		
J5569-07DUP	4					150	8.74	8.03	-	0		
J5569-08	1	No	7.2	N/A	18.9	5	8.40	7.73	-	0	7.31	
J5569-08	2					20	8.46	6.60	-	0		
J5569-08	3					50	8.50	5.97	2.53	10.32		
J5569-08	4					150	8.72	5.76	2.96	4.3		
J5569-09	1	No	7.0	N/A	18.9	5	8.37	7.72	-	0	9.19	
J5569-09	2					20	8.24	6.50	-	0		

J5569-09	3					50	8.21	4.88	3.33	15.12		
J5569-09	4					150	7.55	5.11	2.44	3.26		
J5569-12	1	No	7.4	N/A	18.9	5	8.45	7.65	-	0	8.15	
J5569-12	2					20	8.46	6.60	-	0		
J5569-12	3					50	8.58	6.29	2.29	8.88		
J5569-12	4					150	9.10	4.58	4.52	7.42		
J5569-13	1	No	6.4	N/A	18.9	5	8.39	8.12	-	0	9.6	
J5569-13	2					20	8.31	7.44	-	0		
J5569-13	3					50	8.12	6.51	-	0		
J5569-13	4					150	6.98	1.37	5.61	9.6		
J5572-03	1	No	6.8	N/A	18.7	5	8.48	6.80	-	0	15.55	
J5572-03	2					20	8.51	5.83	2.68	28.05		
J5572-03	3					50	8.59	5.60	2.99	13.08		
J5572-03	4					150	8.80	5.23	3.57	5.52		

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

WORKLIST(Hardcopy Internal Chain)

2898678

WorkList Name : BOD101618

WorkList ID : 118083

Date : 10/16/2018 1:45:18 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/17/2018	Water	J5519-01	BOD5	Cool 4 deg C	PSEG01	P23	BS-DRUM	10/15/2018	SM5210 B
10/18/2018	Water	J5569-01	BOD5	Cool 4 deg C	CHAZ02	D31	RLF-GW-7S	10/16/2018	SM5210 B
10/18/2018	Water	J5569-02	BOD5	Cool 4 deg C	CHAZ02	D31	RLF-GW-9S	10/16/2018	SM5210 B
10/18/2018	Water	J5569-05	BOD5	Cool 4 deg C	CHAZ02	D31	RLF-GW-FD-01	10/16/2018	SM5210 B
10/18/2018	Water	J5569-06	BOD5	Cool 4 deg C	CHAZ02	D31	RLF-SW-1	10/16/2018	SM5210 B
10/18/2018	Water	J5569-07	BOD5	Cool 4 deg C	CHAZ02	D31	RLF-SW-3	10/16/2018	SM5210 B
10/18/2018	Water	J5569-08	BOD5	Cool 4 deg C	CHAZ02	D31	RLF-SW-4	10/16/2018	SM5210 B
10/18/2018	Water	J5569-09	BOD5	Cool 4 deg C	CHAZ02	D31	RLF-SW-5	10/16/2018	SM5210 B
10/18/2018	Water	J5569-12	BOD5	Cool 4 deg C	CHAZ02	D31	RLF-SW-8	10/16/2018	SM5210 B
10/18/2018	Water	J5569-13	BOD5	Cool 4 deg C	CHAZ02	D31	RLF-SW-FD-01	10/16/2018	SM5210 B
10/18/2018	Water	J5572-03	BOD5	Cool 4 deg C	SHAW22		OUTFALL001-181016	10/16/2018	SM5210 B

Date/Time 10/17/18 9:12

Received by: JB

Relinquished by: JB

Date/Time 10/17/18 10:52

Received by: JB

Relinquished by: JB