

**BOD5 LOG****Analysis Date:** 12/05/2018**QC BATCH ID:** LB99601**ANALYST:** Indiana**BOD Water:** WP70046**SUPERVISOR:** apatel**Starch:** W2277**MANGANOUS SULFATE SOLUTION:** W2427**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP70048**Sodium Thiosulfate, 0.025N:** WP69572**GGA:** WP70047**NaOH, 0.25N:** WP68486**Chlorine Strips:** W2429**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP70049

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.7	8.7	8.75
WINKLER2	WINKLER 2	2	300	8.7	17.5	8.8	

Meter Calibration1 : 8.75

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

Meter Calibration2 : 8.75

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

QC BATCH ID: LB99601

INCUBATOR TEMP IN(C): 20.5

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 10:45

TIME OUT: 12:00

DATE IN: 12/05/2018

DATE OUT: 12/10/2018

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
LB99601BL	1	No	6.0	N/A	20.0	300	8.73	8.71	0.02	0.02	0.02	
POLYSEED	1					10	8.72	3.94	4.78	0.96	0.94	
POLYSEED	2					15	8.70	1.80	6.9	0.92		
POLYSEED	3					20	8.68	0.93	-	0		
GGA	1					6	8.68	3.88	4.8	193	193	
GGA	2					6	8.65	3.75	4.9	198	198	
GGA	3					6	8.70	3.91	4.79	192.5	192.5	
J6215-01	1	No	6.0	N/A	18.8	5	8.66	8.47	-	0		
J6215-01	2					20	8.65	8.30	-	0		
J6215-01	3					50	8.63	7.55	-	0		
J6215-01	4					150	8.58	7.29	-	0		
J6218-01	1	No	6.4	N/A	18.7	5	8.63	7.32	-	0	34.01	
J6218-01	2					20	8.61	5.70	2.91	29.55		
J6218-01	3					50	8.53	1.18	7.35	38.46		
J6218-01	4					150	8.47	0.29	-	0		
J6218-02	1	No	6.4	N/A	18.7	5	8.67	6.70	-	0	35.4	
J6218-02	2					20	8.63	5.33	3.3	35.4		
J6218-02	3					50	8.25	0.96	-	0		
J6218-02	4					150	6.28	0.08	-	0		
J6218-02DUP	1	No	6.4	N/A	18.7	5	8.68	6.75	-	0	36.15	
J6218-02DUP	2					20	8.65	5.30	3.35	36.15		
J6218-02DUP	3					50	8.27	0.94	-	0		
J6218-02DUP	4					150	6.30	0.10	-	0		
J6218-03	1	No	6.0	N/A	18.7	5	8.77	6.92	-	0	6.78	
J6218-03	2					20	8.71	6.80	-	0		
J6218-03	3					50	8.66	6.08	2.58	9.84		
J6218-03	4					150	8.65	5.85	2.8	3.72		
J6218-04	1	No	7.0	N/A	18.7	5	8.72	6.80	-	0	35.85	
J6218-04	2					20	8.70	4.96	3.74	42		
J6218-04	3					50	8.41	2.52	5.89	29.7		
J6218-04	4					150	6.44	0.11	-	0		
J6218-05	1	No	7.4	N/A	18.7	5	8.70	6.85	-	0	31.95	
J6218-05	2					20	8.68	5.61	3.07	31.95		
J6218-05	3					50	8.46	0.46	-	0		
J6218-05	4					150	6.45	0.17	-	0		
J6235-01	1	No	6.4	N/A	18.8	5	8.69	6.71	-	0	32.55	
J6235-01	2					20	8.60	5.49	3.11	32.55		
J6235-01	3					50	8.16	0.39	-	0		
J6235-01	4					150	6.45	0.10	-	0		
J6235-02	1	No	6.4	N/A	18.8	5	8.51	6.59	-	0	35.1	
J6235-02	2					20	8.49	5.21	3.28	35.1		

J6235-02	3					50	8.25	0.10	-	0		
J6235-02	4					150	6.85	0.03	-	0		
J6235-03	1	No	6.0	N/A	18.8	5	8.18	6.98	-	0	12.57	
J6235-03	2					20	8.27	6.88	-	0		
J6235-03	3					50	8.41	5.02	3.39	14.7		
J6235-03	4					150	8.81	2.65	6.16	10.44		
J6235-04	1	No	6.4	N/A	18.8	5	8.39	6.59	-	0	11	
J6235-04	2					20	8.43	6.39	2.04	16.5		
J6235-04	3					50	8.36	6.00	2.36	8.52		
J6235-04	4					150	7.58	2.65	4.93	7.98		
J6235-05	1	No	6.8	N/A	18.8	5	8.08	6.49	-	0		
J6235-05	2					20	8.12	6.77	-	0		
J6235-05	3					50	8.24	6.79	-	0		
J6235-05	4					150	8.80	7.25	-	0		
J6235-06	1	No	6.0	N/A	18.8	5	7.94	7.05	-	0		
J6235-06	2					20	8.01	7.49	-	0		
J6235-06	3					50	8.15	7.68	-	0		
J6235-06	4					150	8.87	8.39	-	0		
J6241-02	1	No	6.8	N/A	18.8	5	8.75	7.12	-	0		
J6241-02	2					20	9.19	7.40	-	0		
J6241-02	3					50	9.30	7.80	-	0		
J6241-02	4					150	9.50	8.80	-	0		

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

LB 996 01

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD120518

WorkList ID : 119952

Date : 12/5/2018 9:24:52 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
12/05/2018	Water	J6218-01	BOD5	Cool 4 deg C	LIRO01	L11	MW-2R	12/03/2018	SM5210 B
12/05/2018	Water	J6218-02	BOD5	Cool 4 deg C	LIRO01	L11	MW-1	12/03/2018	SM5210 B
12/05/2018	Water	J6218-03	BOD5	Cool 4 deg C	LIRO01	L11	SW-1	12/03/2018	SM5210 B
12/05/2018	Water	J6218-04	BOD5	Cool 4 deg C	LIRO01	L11	MW-6R	12/03/2018	SM5210 B
12/05/2018	Water	J6218-05	BOD5	Cool 4 deg C	LIRO01	L11	MW-9R	12/03/2018	SM5210 B
12/06/2018	Water	J6235-01	BOD5	Cool 4 deg C	LIRO01	L11	MW-10	12/04/2018	SM5210 B
12/06/2018	Water	J6235-02	BOD5	Cool 4 deg C	LIRO01	L11	MW-8R	12/04/2018	SM5210 B
12/06/2018	Water	J6235-03	BOD5	Cool 4 deg C	LIRO01	L11	SW-3	12/04/2018	SM5210 B
12/06/2018	Water	J6235-04	BOD5	Cool 4 deg C	LIRO01	L11	MW-14	12/04/2018	SM5210 B
12/06/2018	Water	J6235-05	BOD5	Cool 4 deg C	LIRO01	L11	SW-2	12/04/2018	SM5210 B
12/06/2018	Water	J6235-06	BOD5	Cool 4 deg C	LIRO01	L11	DUP	12/04/2018	SM5210 B
12/05/2018	Water	J6215-01	BOD5	Cool 4 deg C	NAT104	L32	DSN001	12/03/2018	SM5210 B
12/06/2018	Water	J6241-02	BOD5	Cool 4 deg C	SHAW22	L43	OUTFALL001-181204	12/04/2018	SM5210 B

Date/Time

Received by:

Relinquished by:

Date/Time

Received by:

Relinquished by: