



BOD5 LOG

QC BATCH ID: LB91179

BOD Water: WP59174

Starch: W2121

Conc Sulfuric Acid: W2151

POLYSEED: WP59178

GGA: WP59176

Chlorine Strips: W2068

pH Strips: W2106

Analysis Date: 10/27/2017

ANALYST: Indiana

SUPERVISOR: apatel

MANGANOUS SULFATE SOLUTION: W2191

Alkaline Iodide Azide: W2241

Sodium Thiosulfate, 0.025N: W2252

NaOH, 0.25N: WP56596

Incubator ID: Incubator-3

Lab Sample ID		Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER	(Dilution Water)	1	300	0.0	8.4	8.4	8.45
WINKLER	(Dilution Water)	2	300	8.4	16.9	8.5	

BOD Dilution Water Before Reading Using DO Meter: 8.45 & After Reading Using DO Meter: 8.43

Calibrate DO meter with average reading: 8.45



QC BATCH ID: LB91179

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 16:59

TIME OUT: 09:30

DATE IN: 10/27/2017

DATE OUT: 11/01/2017

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
POLYSEED	1					10	8.48	6.12	2.36	0.47	0.4	
POLYSEED	2					15	8.36	5.82	2.54	0.34		
POLYSEED	3					20	8.30	4.46	3.84	0.38		
GGA	1					6	8.39	4.21	4.18	189	189	
GGA	2					6	8.39	4.10	4.29	194.5	194.5	
GGA	3					6	8.43	4.07	4.36	198	198	
I6179-01	1	No	6.4	N/A	18.9	5	8.56	7.10	-	0		
I6179-01	2					20	8.57	7.70	-	0		
I6179-01	3					50	8.60	8.17	-	0		
I6179-01	4					150	8.74	8.31	-	0		
I6179-02	1	No	6.4	N/A	18.8	5	8.64	8.28	-	0	5.6	
I6179-02	2					20	8.63	8.36	-	0		
I6179-02	3					50	8.60	8.03	-	0		
I6179-02	4					150	8.49	5.29	3.2	5.6		
I6179-03	1	No	6.4	N/A	18.7	5	8.69	8.15	-	0		
I6179-03	2					20	8.68	8.21	-	0		
I6179-03	3					50	8.65	7.42	-	0		
I6179-03	4					150	8.41	7.17	-	0		
I6179-04	1	No	6.4	N/A	18.9	5	8.74	7.54	-	0		
I6179-04	2					20	8.73	8.16	-	0		
I6179-04	3					50	8.72	7.50	-	0		
I6179-04	4					150	8.65	7.05	-	0		
I6179-05	1	No	6.4	N/A	18.8	5	8.68	7.86	-	0		
I6179-05	2					20	8.64	7.45	-	0		
I6179-05	3					50	8.56	7.06	-	0		
I6179-05	4					150	8.28	6.30	-	0		
I6179-06	1	No	6.4	N/A	18.8	5	8.81	8.25	-	0		
I6179-06	2					20	8.83	8.11	-	0		
I6179-06	3					50	8.85	8.32	-	0		
I6179-06	4					150	8.98	8.37	-	0		
I6179-07	1	No	6.4	N/A	18.9	5	8.82	7.98	-	0	8.08	
I6179-07	2					20	8.79	7.71	-	0		
I6179-07	3					50	8.75	6.98	-	0		
I6179-07	4					150	8.56	4.12	4.44	8.08		
I6179-08	1	No	6.4	N/A	18.8	5	8.72	8.31	-	0		
I6179-08	2					20	8.75	7.69	-	0		
I6179-08	3					50	8.89	7.61	-	0		
I6179-08	4					150	8.90	7.29	-	0		
I6179-09	1	No	6.4	N/A	18.9	5	8.81	8.24	-	0		
I6179-09	2					20	8.83	8.35	-	0		
I6179-09	3					50	8.90	8.37	-	0		

I6179-09	4					150	9.10	8.47	-	0		
I6179-09DUP	1	No	6.4	N/A	18.9	5	8.79	8.25	-	0		
I6179-09DUP	2					20	8.82	8.34	-	0		
I6179-09DUP	3					50	8.91	8.39	-	0		
I6179-09DUP	4					150	9.08	8.46	-	0		
I6179-10	1	No	6.4	N/A	18.7	5	8.70	8.22	-	0		
I6179-10	2					20	8.73	8.41	-	0		
I6179-10	3					50	8.80	8.32	-	0		
I6179-10	4					150	8.82	8.59	-	0		
I6179-11	1	No	6.4	N/A	18.9	5	8.77	8.41	-	0	3.38	
I6179-11	2					20	8.75	8.06	-	0		
I6179-11	3					50	8.72	7.29	-	0		
I6179-11	4					150	8.69	6.60	2.09	3.38		
I6208-02	1	No	6.6	N/A	19.0	0.5	8.97	7.87	-	0	209.85	
I6208-02	2					1	8.95	7.32	-	0		
I6208-02	3					5	8.83	3.27	5.56	309.6		
I6208-02	4					20	8.78	1.04	7.74	110.1		

NOTE: 2ml POLYSEED added to GGA and all the Samples.

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5102717

WorkList ID : 104783

Date : 10/27/2017 9:50:59 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/28/2017	Water	I6179-01	BOD5	Cool 4 deg C	TETR19	F21	SWL-17	10/26/2017	SM5210 B
10/28/2017	Water	I6179-02	BOD5	Cool 4 deg C	TETR19	F21	SW16A	10/26/2017	SM5210 B
10/28/2017	Water	I6179-03	BOD5	Cool 4 deg C	TETR19	F21	SW13	10/26/2017	SM5210 B
10/28/2017	Water	I6179-04	BOD5	Cool 4 deg C	TETR19	F21	SW12A	10/26/2017	SM5210 B
10/28/2017	Water	I6179-05	BOD5	Cool 4 deg C	TETR19	F21	SW3A	10/26/2017	SM5210 B
10/28/2017	Water	I6179-06	BOD5	Cool 4 deg C	TETR19	F21	SW11	10/26/2017	SM5210 B
10/28/2017	Water	I6179-07	BOD5	Cool 4 deg C	TETR19	F21	SW6	10/26/2017	SM5210 B
10/28/2017	Water	I6179-08	BOD5	Cool 4 deg C	TETR19	F21	SW7	10/26/2017	SM5210 B
10/28/2017	Water	I6179-09	BOD5	Cool 4 deg C	TETR19	F21	SW5	10/26/2017	SM5210 B
10/28/2017	Water	I6179-10	BOD5	Cool 4 deg C	TETR19	F21	SW9	10/26/2017	SM5210 B
10/28/2017	Water	I6179-11	BOD5	Cool 4 deg C	TETR19	F21	SW14	10/26/2017	SM5210 B
10/29/2017	Water	I6208-02	BOD5	Cool 4 deg C	ARDM01	D22	EFF-WASTEWATER	10/27/2017	SM5210 B

Date/Time 10/29/17 16:00

Received by: TB

Relinquished by: [Signature]

Date/Time 10/29/17 17:00

Received by: [Signature]

Relinquished by: [Signature]