



BOD5 LOG

QC BATCH ID: LB91123
BOD Water: WP59075
Starch: W2121
Conc Sulfuric Acid: W2151
POLYSEED: WP59077
GGA: WP59076
Chlorine Strips: W2068
pH Strips: W2106

Analysis Date: 10/25/2017
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	8.5	8.5	8.55
WINKLER	(Dilution Water)	2	300	8.5	17.1	8.6	

BOD Dilution Water Before Reading Using DO Meter: 8.55 & After Reading Using DO Meter: 8.56
Calibrate DO meter with average reading: 8.55



QC BATCH ID: LB91123

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 12:58

TIME OUT: 10:10

DATE IN: 10/25/2017

DATE OUT: 10/30/2017

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	8.55	4.09	4.46	0.89	0.73	
POLYSEED	2					15	8.51	3.85	4.66	0.62		
POLYSEED	3					20	8.47	1.74	6.73	0.67		
GGA	1					6	8.56	3.92	4.64	195.5	195.5	
GGA	2					6	8.54	3.85	4.69	198	198	
GGA	3					6	8.56	3.97	4.59	193	193	
I6090-01	1	No	6.8	N/A	18.9	5	8.55	7.78	-	0	8.16	
I6090-01	2					20	8.48	7.47	-	0		
I6090-01	3					50	8.15	6.88	-	0		
I6090-01	4					150	6.95	2.14	4.81	8.16		
I6111-01	1	No	6.4	N/A	18.8	5	8.54	7.83	-	0		
I6111-01	2					20	8.50	7.75	-	0		
I6111-01	3					50	8.48	7.46	-	0		
I6111-01	4					150	8.05	7.12	-	0		
I6118-01	1	No	6.4	N/A	19.0	5	8.54	7.75	-	0	4.48	
I6118-01	2					20	8.47	7.66	-	0		
I6118-01	3					50	8.22	6.51	-	0		
I6118-01	4					150	6.90	3.93	2.97	4.48		
I6143-01	1	No	6.4	N/A	18.9	5	8.59	7.15	-	0	15	
I6143-01	2					20	8.50	6.98	-	0		
I6143-01	3					50	8.23	5.00	3.23	15		
I6143-01	4					150	7.01	0.72	-	0		
I6143-02	1	No	6.4	N/A	19.0	5	8.55	7.80	-	0	7.8	
I6143-02	2					20	8.44	7.28	-	0		
I6143-02	3					50	8.15	6.12	2.03	7.8		
I6143-02	4					150	6.98	5.85	-	0		
I6143-02DUP	1	No	6.4	N/A	19.0	5	8.56	7.78	-	0	7.8	
I6143-02DUP	2					20	8.42	7.30	-	0		
I6143-02DUP	3					50	8.17	6.14	2.03	7.8		
I6143-02DUP	4					150	6.96	5.83	-	0		
I6143-06	1	No	6.4	N/A	18.8	5	8.22	7.68	-	0	14.04	
I6143-06	2					20	8.20	6.42	-	0		
I6143-06	3					50	8.17	5.10	3.07	14.04		
I6143-06	4					150	6.94	0.62	-	0		

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