



BOD5 LOG

QC BATCH ID: LB90012
BOD Water: WP57769
Starch: W2121
Conc Sulfuric Acid: W2151
POLYSEED: WP57771
GGA: WP57770
Chlorine Strips: W2068
pH Strips: W2106

Analysis Date: 09/07/2017
ANALYST: Indiana
SUPERVISOR: apatel
MANGANOUS SULFATE SOLUTION: W2191
Alkaline Iodide Azide: W2241
Sodium Thiosulfate, 0.025N: W2206
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: 8.54 & After Reading Using DO Meter: 8.43
Calibrate DO meter with average reading: 8.55



QC BATCH ID: LB90012

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 16:45

TIME OUT: 10:30

DATE IN: 09/07/2017

DATE OUT: 09/12/2017

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	5.44	3.04	0.61	0.6	
POLYSEED	2					15	8.46	3.87	4.59	0.61		
POLYSEED	3					20	8.42	2.55	5.87	0.59		
GGA	1					6	8.43	4.01	4.42	191	191	
GGA	2					6	8.42	3.98	4.44	192	192	
GGA	3					6	8.43	3.95	4.48	194	194	
I5124-02	1	No	6.8	N/A	19.0	0.5	8.46	5.26	3.2	1560	1441.5	
I5124-02	2					1	8.44	3.43	5.01	1323		
I5124-02	3					5	8.40	0.54	-	0		
I5124-02	4					20	8.19	0.50	-	0		
I5130-01	1	No	6.4	N/A	18.8	0.5	8.43	6.52	-	0	527.5	
I5130-01	2					1	8.41	5.90	2.51	573		
I5130-01	3					2	8.40	4.39	4.01	511.5		
I5130-01	4					3	8.38	2.80	5.58	498		
I5130-01DUP	1	No	6.4	N/A	18.8	0.5	8.45	6.50	-	0	531.5	
I5130-01DUP	2					1	8.42	5.87	2.55	585		
I5130-01DUP	3					2	8.39	4.38	4.01	511.5		
I5130-01DUP	4					3	8.37	2.79	5.58	498		
I5147-02	1	No	6.8	N/A	18.7	5	8.43	7.30	-	0		
I5147-02	2					20	8.41	7.17	-	0		
I5147-02	3					50	8.28	6.67	-	0		
I5147-02	4					150	8.02	6.54	-	0		
I5147-04	1	No	6.8	N/A	18.9	5	8.44	7.31	-	0		
I5147-04	2					20	8.52	7.67	-	0		
I5147-04	3					50	8.88	8.29	-	0		
I5147-04	4					150	9.68	9.30	-	0		
I5147-05	1	No	6.8	N/A	19.0	5	8.46	7.35	-	0		
I5147-05	2					20	8.47	7.44	-	0		
I5147-05	3					50	8.50	7.55	-	0		
I5147-05	4					150	8.79	7.87	-	0		
I5152-01	1	No	6.2	N/A	19.1	0.05	8.42	5.07	3.35	16500	15780	
I5152-01	2					0.1	8.33	2.71	5.62	15060		
I5152-01	3					0.5	8.30	0.43	-	0		
I5152-01	4					2	8.28	0.39	-	0		
I5152-01	5					10	8.09	0.37	-	0		
I5154-01	1	No	6.4	N/A	19.0	0.5	8.28	6.82	-	0	184.6	
I5154-01	2					1	8.25	6.78	-	0		
I5154-01	3					2	8.23	5.40	2.83	334.5		
I5154-01	4					5	8.20	5.23	2.97	142.2		
I5154-01	5					10	8.18	5.01	3.17	77.1		
I5154-03	1	No	4.55	7.0	18.9	0.01	8.22	6.46	-	0	5670	pH Adjusted

I5154-03	2					0.05	8.20	6.22	-	0		
I5154-03	3					0.1	8.19	5.70	2.49	5670		
I5154-03	4					0.5	8.16	0.41	-	0		
I5154-03	5					1	8.04	0.36	-	0		

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