



BOD5 LOG

QC BATCH ID: LB91748

BOD Water: WP59845

Starch: W2121

Conc Sulfuric Acid: W2151

POLYSEED: WP59847

GGA: WP59846

Chlorine Strips: W2068

pH Strips: W2106

Analysis Date: 11/22/2017

ANALYST: Indiana

SUPERVISOR: apatel

MANGANOUS SULFATE SOLUTION: W2191

Alkaline Iodide Azide: W2241

Sodium Thiosulfate, 0.025N: W2252

NaOH, 0.25N: WP56596

IncubatorID: 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: 8.44

Calibrate DO meter with average reading: 8.45



QC BATCH ID: LB91748

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 11:30

TIME OUT: 10:00

DATE IN: 11/22/2017

DATE OUT: 11/27/2017

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	8.38	4.98	3.4	0.68	0.65	
POLYSEED	2					15	8.32	3.05	5.27	0.7		
POLYSEED	3					20	8.25	2.63	5.62	0.56		
GGA	1					6	8.32	3.59	4.73	204	204	
GGA	2					6	8.26	3.44	4.82	208.5	208.5	
GGA	3					6	8.29	3.63	4.66	200.5	200.5	
I6558-01	1	No	11.7	7.0	18.8	5	8.28	6.26	2.02	82.2	39.22	pH Adjusted
I6558-01	2					20	8.29	5.20	3.09	36.6		
I6558-01	3					50	8.34	3.44	4.9	25.5		
I6558-01	4					150	8.75	1.81	6.94	12.58		
I6558-03	1	No	7.50	N/A	18.9	5	8.22	6.85	-	0	12.82	
I6558-03	2					20	8.18	6.20	-	0		
I6558-03	3					50	8.15	5.23	2.92	13.62		
I6558-03	4					150	8.13	1.47	6.66	12.02		
I6558-03DUP	1	No	7.50	N/A	18.9	5	8.23	6.87	-	0	12.78	
I6558-03DUP	2					20	8.17	6.18	-	0		
I6558-03DUP	3					50	8.16	5.24	2.92	13.62		
I6558-03DUP	4					150	8.12	1.50	6.62	11.94		

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