



BOD5 LOG

QC BATCH ID:	LB91384	Analysis Date:	11/01/2017
BOD Water:	LB59324	ANALYST:	Indiana
Starch:	W2121	SUPERVISOR:	apatel
Conc Sulfuric Acid:	W2151	MANGANOUS SULFATE SOLUTION:	W2191
POLYSEED:	LB59326	Alkaline Iodide Azide:	W2241
GGA:	LB59325	Sodium Thiosulfate, 0.025N:	W2252
Chlorine Strips:	W2068	NaOH, 0.25N:	WP56596
pH Strips:	W2106	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: 8.54
Calibrate DO meter with average reading: 8.55

QC BATCH ID: LB91384

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 17:25

TIME OUT: 10:00

DATE IN: 11/01/2017

DATE OUT: 11/06/2017

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	8.51	5.86	2.65	0.53	0.51	
POLYSEED	2					15	8.45	4.66	3.79	0.51		
POLYSEED	3					20	8.43	3.50	4.93	0.49		
GGA	1					6	8.50	3.94	4.56	202.5	202.5	
GGA	2					6	8.54	3.98	4.56	202.5	202.5	
GGA	3					6	8.52	4.05	4.47	198	198	
I6243-01	1	No	6.8	N/A	18.8	5	8.39	7.67	-	0		
I6243-01	2					20	8.32	7.56	-	0		
I6243-01	3					50	8.27	7.41	-	0		
I6243-01	4					150	8.26	7.04	-	0		
I6275-09	1	No	9.82	7.0	18.8	5	8.00	7.30	-	0	7.08	pH Adjusted
I6275-09	2					20	7.90	6.87	-	0		
I6275-09	3					50	7.78	5.80	-	0		
I6275-09	4					150	6.96	2.91	4.05	7.08		
I6276-02	1	No	7.0	N/A	18.9	0.5	8.18	7.05	-	0	160.8	
I6276-02	2					1	8.13	6.50	-	0		
I6276-02	3					5	8.07	4.88	3.19	160.8		
I6276-02	4					20	7.94	0.68	-	0		
I6277-01	1	No	7.6	N/A	18.7	1	7.93	5.95	-	0	138	
I6277-01	2					2	7.90	5.91	-	0		
I6277-01	3					5	7.87	5.06	2.81	138		
I6277-01	4					10	7.80	0.79	-	0		
I6277-01	5					20	7.67	0.63	-	0		
I6278-01	1	No	6.4	N/A	19.0	0.5	8.31	6.84	-	0	280	
I6278-01	2					1	8.19	6.68	-	0		
I6278-01	3					2	7.88	5.37	2.51	300		
I6278-01	4					3	7.82	4.71	3.11	260		
I6278-01DUP	1	No	6.4	N/A	19.0	0.5	8.29	6.85	-	0	280.75	
I6278-01DUP	2					1	8.20	6.70	-	0		
I6278-01DUP	3					2	7.90	5.38	2.52	301.5		
I6278-01DUP	4					3	7.83	4.72	3.11	260		

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