



BOD5 LOG

QC BATCH ID: LB86395

Analysis Date: 03/16/2017

BOD Water: WP535228

ANALYST: Indiana

Starch: W2121

SUPERVISOR: apatel

Conc Sulfuric Acid: W2151

MANGANOUS SULFATE SOLUTION: W2191

POLYSEED: WP53556

Alkaline Iodide Azide: W2035

GGA: WP53555

Sodium Thiosulfate, 0.025N: W2169

Chlorine Strips: W2068

NaOH, 0.25N: WP52920

pH Strips: W2106

Lab Sample ID		Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER	(Dilution Water)	1	300	0.0	8.6	8.6	8.5
WINKLER	(Dilution Water)	2	300	8.6	17.0	8.4	

BOD Dilution Water Before Reading Using DO Meter: 8.5 & After Reading Using DO Meter: 8.49

Calibrate DO meter with average reading: 8.5

QC BATCH ID: LB86395

INCUBATOR TEMP IN(C): 20.1

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 17:10

TIME OUT: 12:00

DATE IN: 03/16/2017

DATE OUT: 03/21/2017

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	8.44	5.15	3.29	0.66	0.62	
POLYSEED	2					15	8.39	4.09	4.3	0.57		
POLYSEED	3					20	8.35	2.03	6.32	0.63		
GGA	1					6	8.42	4.36	4.06	172	172	
GGA	2					6	8.43	4.39	4.04	171	171	
GGA	3					6	8.41	4.32	4.09	173.5	173.5	
I2212-03	1	No	10.69	7.0	20.4	5	8.80	5.82	2.98	141.6	119.55	pH Adjusted
I2212-03	2					10	8.48	4.02	4.46	115.2		
I2212-03	3					20	8.46	1.05	7.41	101.85		
I2212-03	4					50	8.34	0.27	-	0		
I2269-01	1	No	6.4		18.5	0.5	8.48	7.40	-	0	207.25	
I2269-01	2					1	8.46	7.14	-	0		
I2269-01	3					2	8.44	6.37	2.07	217.5		
I2269-01	4					3	8.40	5.81	2.59	197		
I2269-01DUP	1	No	6.4		18.5	0.5	8.50	7.39	-	0	206.75	
I2269-01DUP	2					1	8.45	7.12	-	0		
I2269-01DUP	3					2	8.43	6.38	2.05	214.5		
I2269-01DUP	4					3	8.41	5.80	2.61	199		
I2278-01	1	No	7.2		19.0	0.5	8.45	7.36	-	0	187.05	
I2278-01	2					1	8.44	6.91	-	0		
I2278-01	3					2	8.43	6.54	-	0		
I2278-01	4					5	8.38	3.88	4.5	232.8		
I2278-01	5					10	8.34	3.01	5.33	141.3		
I2278-03	1	No	4.69	7.0	18.9	0.01	8.42	7.29	-	0	11355	pH Adjusted
I2278-03	2					0.05	8.42	5.55	2.87	13500		
I2278-03	3					0.1	8.43	4.74	3.69	9210		
I2278-03	4					0.5	8.43	0.19	-	0		
I2278-03	5					1	8.44	0.15	-	0		

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

LB 86395

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5031617 WorkList ID : 96577 Date : 3/16/2017 1:27:06 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I2269-01	BOD5	Cool 4 deg C	ARAM01	L61	COMP	03/15/2017	SM5210 B
	Water	I2278-01	BOD5	Cool 4 deg C	HOLL01	L62	EFFLUENT	03/15/2017	SM5210 B
	Water	I2278-03	BOD5	Cool 4 deg C	HOLL01	L62	INFLUENT	03/15/2017	SM5210 B

Date/Time 03/16/17 14:05
Received by: TB
Relinquished by: JR

Date/Time 03/16/17 17:05
Received by: JR
Relinquished by: IB

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