



BOD5 LOG

QC BATCH ID: LB86661

Analysis Date: 03/31/2017

BOD Water: WP53934

ANALYST: Indiana

Starch: W2121

SUPERVISOR: apatel

Conc Sulfuric Acid: W2151

MANGANOUS SULFATE SOLUTION: W2191

POLYSEED: WP53935

Alkaline Iodide Azide: W2035

GGA: WP53923

Sodium Thiosulfate, 0.025N: W2120

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	8.0	8	8.15
WINKLER	(Dilution Water)	2	300	8.0	16.3	8.3	

BOD Dilution Water Before Reading Using DO Meter: 8.14 & After Reading Using DO Meter: 8.15

Calibrate DO meter with average reading: 8.15

QC BATCH ID: LB86661INCUBATOR TEMP IN(C): 20.1INCUBATOR TEMP OUT(C): 20.2TIME IN: 17:11TIME OUT: 12:00DATE IN: 03/31/2017DATE OUT: 04/05/2017

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	8.13	3.45	4.68	0.94	0.72	
POLYSEED	2					15	8.10	3.44	4.66	0.62		
POLYSEED	3					20	8.07	2.04	6.03	0.6		
GGA	1					6	8.07	3.92	4.15	171.5	171.5	
GGA	2					6	8.09	3.90	4.19	173.5	173.5	
GGA	3					6	8.06	3.86	4.2	174	174	
I2491-01	1	No	6.4	6.4	18.9	5	8.06	7.43	-	0		pH Adjusted
I2491-01	2					20	7.97	7.36	-	0		
I2491-01	3					50	7.74	7.02	-	0		
I2491-01	4					150	7.72	5.84	-	0		
I2491-01DUP	1	No	6.4		18.9	5	8.05	7.45	-	0		
I2491-01DUP	2					20	7.96	7.37	-	0		
I2491-01DUP	3					50	7.72	7.00	-	0		
I2491-01DUP	4					150	7.70	5.85	-	0		
I2491-03	1	No	6.65		18.6	5	8.06	7.20	-	0		
I2491-03	2					20	7.96	7.18	-	0		
I2491-03	3					50	7.81	7.07	-	0		
I2491-03	4					150	7.14	5.89	-	0		
I2491-05	1	No	6.54		19.2	5	7.98	7.26	-	0		
I2491-05	2					20	7.95	7.17	-	0		
I2491-05	3					50	7.89	7.14	-	0		
I2491-05	4					150	7.59	6.75	-	0		
I2491-07	1	No	6.56		18.4	5	7.94	7.13	-	0		
I2491-07	2					20	7.93	7.11	-	0		
I2491-07	3					50	7.87	7.09	-	0		
I2491-07	4					150	7.65	6.76	-	0		

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

LB 86661

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5033117

WorkList ID : 97006

Date : 3/31/2017 11:43:45 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I2491-01	BOD5	Cool 4 deg C	LOCK01	N31	MW-1	03/30/2017	SM5210 B
	Water	I2491-03	BOD5	Cool 4 deg C	LOCK01	N31	MW-2	03/30/2017	SM5210 B
	Water	I2491-05	BOD5	Cool 4 deg C	LOCK01	N31	MW-3	03/30/2017	SM5210 B
	Water	I2491-07	BOD5	Cool 4 deg C	LOCK01	N31	MW-4	03/30/2017	SM5210 B

Date/Time 03/31/17 14:20
 Received by: IB
 Relinquished by: SR

Date/Time 03/21/17 17:30
 Received by: SR
 Relinquished by: TB