



BOD5 LOG

QC BATCH ID: LB86720

Analysis Date: 04/05/2017

BOD Water: WP54023

ANALYST: Indiana

Starch: W2121

SUPERVISOR: apatel

Conc Sulfuric Acid: W2151

MANGANOUS SULFATE SOLUTION: W2191

POLYSEED: WP54024

Alkaline Iodide Azide: W2035

GGA: WP54025

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	8.1	8.1	8.2
WINKLER	(Dilution Water)	2	300	8.1	16.4	8.3	

BOD Dilution Water Before Reading Using DO Meter: 8.2 & After Reading Using DO Meter: 8.19

Calibrate DO meter with average reading: 8.2

QC BATCH ID: LB86720

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 17:20

TIME OUT: 09:30

DATE IN: 04/05/2017

DATE OUT: 04/10/2017

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	8.16	5.09	3.07	0.61	0.62	
POLYSEED	2					15	8.14	3.74	4.4	0.59		
POLYSEED	3					20	8.11	1.37	6.74	0.67		
GGA	1					6	8.16	3.71	4.45	191.5	191.5	
GGA	2					6	8.17	3.93	4.24	181	181	
GGA	3					6	8.18	3.81	4.37	187.5	187.5	
I2527-01	1	No	6.4		19.7	10	8.18	7.09	-	0	4.59	
I2527-01	2					50	8.19	6.94	-	0		
I2527-01	3					100	8.21	5.78	2.43	5.43		
I2527-01	4					200	8.22	5.09	3.13	3.76		
I2549-02	1	No	6.8		20.0	5	8.18	7.39	-	0		
I2549-02	2					20	8.22	7.36	-	0		
I2549-02	3					50	8.36	7.52	-	0		
I2549-02	4					150	8.97	7.98	-	0		
I2549-02DUP	1	No	6.8		20.0	5	8.19	7.37	-	0		
I2549-02DUP	2					20	8.21	7.38	-	0		
I2549-02DUP	3					50	8.38	7.55	-	0		
I2549-02DUP	4					150	8.96	7.99	-	0		
I2559-02	1	No	7.76		20.4	2	8.16	7.29	-	0	25.56	
I2559-02	2					10	8.14	6.72	-	0		
I2559-02	3					50	7.95	3.07	4.88	25.56		
I2559-02	4					100	7.59	0.26	-	0		

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

LB86720

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5040517

WorkList ID : 97124

Date : 4/5/2017 8:57:00 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/06/2017	Water	I2527-01	BOD5	Cool 4 deg C	NAT104	N61	DSN001	04/04/2017	SM5210 B
	Water	I2549-02	BOD5	Cool 4 deg C	SHAW22	N51	OUTFALL001-170404	04/04/2017	SM5210 B
	Water	I2559-02	BOD5	Cool 4 deg C	M&MM01	N52	FINALEFFLUENT-19C(COMP	04/04/2017	SM5210 B

Date/Time 04/05/17 16:02

Received by: IB

Relinquished by: IB

Date/Time 04/05/17 17:35

Received by: IB

Relinquished by: IB