



BOD5 LOG

QC BATCH ID: LB91458

BOD Water: WP59508

Starch: W2121

Conc Sulfuric Acid: W2151

POLYSEED: WP59510

GGA: WP59509

Chlorine Strips: W2068

pH Strips: W2106

Analysis Date: 11/08/2017

ANALYST: Indiana

SUPERVISOR: apatel

MANGANOUS SULFATE SOLUTION: W2191

Alkaline Iodide Azide: W2241

Sodium Thiosulfate, 0.025N: W2252

NaOH, 0.25N: WP56596

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	8.4	8.4	8.55
WINKLER	(Dilution Water)	2	300	8.4	17.1	8.7	

BOD Dilution Water Before Reading Using DO Meter: 8.54 & After Reading Using DO Meter: 8.53

Calibrate DO meter with average reading: 8.55

QC BATCH ID: LB91458INCUBATOR TEMP IN(C): 20.4INCUBATOR TEMP OUT(C): 20.3TIME IN: 12:00TIME OUT: 10:00DATE IN: 11/08/2017DATE OUT: 11/13/2017

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	8.39	4.83	3.56	0.71	0.64	
POLYSEED	2					15	8.31	3.72	4.59	0.61		
POLYSEED	3					20	8.31	2.18	6.13	0.61		
GGA	1					6	8.35	3.95	4.4	188	188	
GGA	2					6	8.23	3.86	4.37	186.5	186.5	
GGA	3					6	8.27	3.71	4.56	196	196	
I6351-01	1	No	7.75	N/A	18.8	1	8.23	7.19	-	0	26.82	
I6351-01	2					5	8.19	6.21	-	0		
I6351-01	3					20	7.67	5.29	2.38	26.1		
I6351-01	4					50	7.62	2.39	5.23	27.54		
I6358-01	1	No	6.62	N/A	18.8	5	8.50	7.39	-	0	3.9	
I6358-01	2					20	8.45	7.06	-	0		
I6358-01	3					50	8.20	6.57	-	0		
I6358-01	4					150	6.81	4.22	2.59	3.9		
I6386-02	1	No	7.0	N/A	18.9	5	8.56	7.16	-	0		
I6386-02	2					20	8.60	7.53	-	0		
I6386-02	3					50	8.70	7.69	-	0		
I6386-02	4					150	8.73	7.90	-	0		
I6386-02DUP	1	No	7.0	N/A	18.9	5	8.54	7.15	-	0		
I6386-02DUP	2					20	8.61	7.51	-	0		
I6386-02DUP	3					50	8.71	7.70	-	0		
I6386-02DUP	4					150	8.74	7.92	-	0		

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

2891458

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5110817 WorkList ID : 105262 Date : 11/8/2017 9:47:41 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
11/05/2017	Water	I6351-01	BOD5	Cool 4 deg C	PSEG01	H52	DRUMS-1-7	11/03/2017	SM5210 B
11/08/2017	Water	I6358-01	BOD5	Cool 4 deg C	PSEG01	H52	OILY-WATER-FROM-BERM	11/06/2017	SM5210 B
11/09/2017	Water	I6386-02	BOD5	Cool 4 deg C	SHAW22	I21	OUTFALL001-171107	11/07/2017	SM5210 B

Date/Time 11/08/17 11:08
Received by: IB
Relinquished by: IB

Date/Time 11/08/17 13:09
Received by: IB
Relinquished by: IB