



BOD5 LOG

QC BATCH ID: LB87137
BOD Water: WP54523
Starch: W2121
Conc Sulfuric Acid: W2151
POLYSEED: WP54525
GGA: WP54524
Chlorine Strips: W2068
pH Strips: W2106

Analysis Date: 04/28/2017
ANALYST: Indiana
SUPERVISOR: apatel
MANGANOUS SULFATE SOLUTION: W2191
Alkaline Iodide Azide: W2035
Sodium Thiosulfate, 0.025N: W2169
NaOH, 0.25N: WP52920
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	8.7	8.7	8.6
WINKLER	(Dilution Water)	2	300	8.7	17.2	8.5	

BOD Dilution Water Before Reading Using DO Meter: 8.57 & After Reading Using DO Meter: 8.55
Calibrate DO meter with average reading: 8.6

QC BATCH ID: LB87137INCUBATOR TEMP IN(C): 20.4INCUBATOR TEMP OUT(C): 20.4TIME IN: 17:40TIME OUT: 10:30DATE IN: 04/28/2017DATE OUT: 05/03/2017

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	8.43	5.54	2.89	0.58	0.58	
POLYSEED	2					15	8.32	3.87	4.45	0.59		
POLYSEED	3					20	8.24	2.67	5.57	0.56		
GGA	1					6	8.27	3.97	4.3	186	186	
GGA	2					6	8.24	3.89	4.35	188.5	188.5	
GGA	3					6	8.25	3.95	4.3	186	186	
I2873-08	1	No	7.6	N/A	19.5	5	8.25	7.32	-	0		
I2873-08	2					20	8.24	7.25	-	0		
I2873-08	3					50	8.21	7.03	-	0		
I2873-08	4					150	8.11	6.95	-	0		
I2873-08DUP	1	No	7.6	N/A	19.5	5	8.27	7.34	-	0		
I2873-08DUP	2					20	8.23	7.22	-	0		
I2873-08DUP	3					50	8.22	7.00	-	0		
I2873-08DUP	4					150	8.08	6.97	-	0		
I2901-01	1	No	8.0	N/A	18.7	0.5	8.13	5.29	2.84	1356	1518	
I2901-01	2					1	8.11	1.93	6.18	1680		
I2901-01	3					2	7.97	0.64	-	0		
I2901-01	4					5	7.55	0.53	-	0		
I2901-01	5					10	4.51	0.45	-	0		
I2901-03	1	No	4.69	7.0	18.5	0.01	7.88	6.10	-	0	14190	pH Adjusted
I2901-03	2					0.05	7.86	4.80	3.06	14880		
I2901-03	3					0.1	7.83	2.75	5.08	13500		
I2901-03	4					0.5	7.82	0.26	-	0		
I2901-03	5					1	7.80	0.23	-	0		

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

2887137

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD042817

WorkList ID : 97888

Date : 4/28/2017 2:34:30 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/29/2017	Water	I2873-08 - F	BOD5	Cool 4 deg C	PSEG01	P63	FRAC-TANK-A1841DW	04/27/2017	SM5210 B
	Water	I2901-01 3	BOD5	Cool 4 deg C	HOLL01	D22	EFFLUENT	04/27/2017	SM5210 B
	Water	I2901-03	BOD5	Cool 4 deg C	HOLL01	D22	INFLUENT	04/27/2017	SM5210 B

Date/Time 04/28/17 14:40
 Received by: IB
 Relinquished by: CQ

Date/Time 04/28/17 17:56
 Received by: CQ
 Relinquished by: IB