



BOD5 LOG

QC BATCH ID: LB85862

Analysis Date: 02/16/2017

BOD Water: WP52983

ANALYST: Indiana

Starch: W2121

SUPERVISOR: apatel

Conc Sulfuric Acid: W2151

MANGANOUS SULFATE SOLUTION: W2191

POLYSEED: WP52984

Alkaline Iodide Azide: W2035

GGA: WP52985

Sodium Thiosulfate, 0.025N: W2169

NaOH, 0.25N: WP49475

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	8.7
WINKLER (Dilution Water)	2	300	8.6	17.4	8.8	

BOD Dilution Water Before Reading Using DO Meter: 8.70 & After Reading Using DO Meter: 8.69

Calibrate DO meter with average reading: 8.7

QC BATCH ID: LB85862INCUBATOR TEMP IN(C): 20.1INCUBATOR TEMP OUT(C): 20.1TIME IN: 17:30TIME OUT: 11:03DATE IN: 02/16/2017DATE OUT: 02/21/2017

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	8.64	4.80	3.84	0.77	0.74	
POLYSEED	2					15	8.61	2.66	5.95	0.79		
POLYSEED	3					20	8.57	1.98	6.59	0.66		
GGA	1					6	8.59	3.83	4.76	201	201	
GGA	2					6	8.60	3.86	4.74	200	200	
GGA	3					6	8.58	3.62	4.96	211	211	
I1874-01	1	No	7.6	7.6	19.4	0.5	8.61	7.15	-	0	319.05	pH Adjusted
I1874-01	2					1	8.58	6.64	-	0		
I1874-01	3					2	8.55	5.62	2.93	328.5		
I1874-01	4					5	8.47	2.57	5.9	309.6		
I1874-01	5					10	8.35	0.23	-	0		
I1874-03	1	No	4.84	7.00	19.7	0.01	8.49	7.73	-	0	895.5	pH Adjusted
I1874-03	2					0.05	8.48	7.55	-	0		
I1874-03	3					0.1	8.46	7.36	-	0		
I1874-03	4					0.5	8.44	5.98	2.46	1032		
I1874-03	5					1	8.40	5.13	3.27	759		
I1877-01	1	No	6.4	6.4	20.1	0.5	8.41	7.64	-	0	56.17	pH Adjusted
I1877-01	2					1	8.40	7.50	-	0		
I1877-01	3					5	8.39	6.20	2.19	87		
I1877-01	4					20	8.37	5.94	2.43	25.35		
I1877-01DUP	1	No	6.4	6.4	20.1	0.5	8.42	7.65	-	0	55.28	pH Adjusted
I1877-01DUP	2					1	8.41	7.49	-	0		
I1877-01DUP	3					5	8.38	6.22	2.16	85.2		
I1877-01DUP	4					20	8.36	5.93	2.43	25.35		

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

WORKLIST(Hardcopy Internal Chain)

LB85862

WorkList Name : BOD5021617

WorkList ID : 95688

Date : 2/16/2017 3:13:38 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I1874-01	BOD5	Cool 4 deg C	HOLL01	H21	EFFLUENT	02/15/2017	SM5210 B
	Water	I1874-03	BOD5	Cool 4 deg C	HOLL01	H21	INFLUENT	02/15/2017	SM5210 B
	Water	I1877-01	BOD5	Cool 4 deg C	PHAR02	H31	15220032-1	02/16/2017	SM5210 B

Date/Time 02/16/17 15:20
 Received by: IB
 Relinquished by: SS

Date/Time 02/16/17 17:05
 Received by: SS
 Relinquished by: IB