



BOD5 LOG

QC BATCH ID: LB85892

Analysis Date: 02/17/2017

BOD Water: WP53022

ANALYST: Indiana

Starch: W2121

SUPERVISOR: apatel

Conc Sulfuric Acid: W2151

MANGANOUS SULFATE SOLUTION: W2191

POLYSEED: WP53024

Alkaline Iodide Azide: W2035

GGA: WP53023

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	8.5	8.5	8.6
WINKLER (Dilution Water)	2	300	8.5	17.2	8.7	

BOD Dilution Water Before Reading Using DO Meter: 8.60 & After Reading Using DO Meter: 8.61

Calibrate DO meter with average reading: 8.6



QC BATCH ID: LB85892

INCUBATOR TEMP IN(C): 20.01

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 17:20

TIME OUT: 11:00

DATE IN: 02/17/2017

DATE OUT: 02/22/2017

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	8.51	5.32	3.19	0.64	0.62	
POLYSEED	2					15	8.43	3.94	4.49	0.6		
POLYSEED	3					20	8.35	2.21	6.14	0.61		
GGA	1					6	8.36	3.93	4.43	190.5	190.5	
GGA	2					6	8.38	3.92	4.46	192	192	
GGA	3					6	8.39	3.94	4.45	191.5	191.5	
I1880-01	1	No	6.8	6.8	19.2	5	8.37	1.67	6.7	364.8	364.8	pH Adjusted
I1880-01	2					10	8.43	0.07	-	0		
I1880-01	3					50	8.50	0.04	-	0		
I1880-01	4					100	8.71	0.05	-	0		
I1884-13	1	No	6.6	6.6	20.0	5	8.31	7.96	-	0	4.23	pH Adjusted
I1884-13	2					10	8.27	7.58	-	0		
I1884-13	3					50	8.22	7.34	-	0		
I1884-13	4					100	8.15	6.12	2.03	4.23		
I1884-13DUP	1	No	6.6	6.6	20.0	5	8.32	7.94	-	0	4.26	pH Adjusted
I1884-13DUP	2					10	8.26	7.59	-	0		
I1884-13DUP	3					50	8.21	7.33	-	0		
I1884-13DUP	4					100	8.14	6.10	2.04	4.26		
I1884-16	1	No	6.5	6.5	19.6	5	8.29	7.80	-	0	4.17	pH Adjusted
I1884-16	2					10	8.29	7.77	-	0		
I1884-16	3					50	8.30	7.46	-	0		
I1884-16	4					100	8.20	6.19	2.01	4.17		
I1884-19	1	No	6.3	6.3	19.8	5	8.28	7.83	-	0	10.05	pH Adjusted
I1884-19	2					10	8.18	7.16	-	0		
I1884-19	3					50	8.04	6.29	-	0		
I1884-19	4					100	8.01	4.04	3.97	10.05		

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

WORKLIST(Hardcopy Internal Chain)

2B85892

WorkList Name : BOD5021717

WorkList ID : 95740

Date : 2/17/2017 1:57:37 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I1880-01	BOD5	Cool 4 deg C	SPEC01	H22	MANHOLE	02/16/2017	SM5210 B
02/18/2017	Water	I1884-13	BOD5	Cool 4 deg C	PSEG01	F51	MANHOLE-001	02/16/2017	SM5210 B
02/18/2017	Water	I1884-16	BOD5	Cool 4 deg C	PSEG01	F51	MANHOLE-002	02/16/2017	SM5210 B
02/18/2017	Water	I1884-19	BOD5	Cool 4 deg C	PSEG01	F51	GROUNDWATER	02/16/2017	SM5210 B

Date/Time 02/17/17 14:20

Received by: TB

Relinquished by: SQ

Date/Time 02/17/17 16:55

Received by: SQ

Relinquished by: IB