



BOD5 LOG

QC BATCH ID: LB85754

Analysis Date: 02/08/2017

BOD Water: WP52828

ANALYST: Indiana

Starch: W2121

SUPERVISOR: apatel

Conc Sulfuric Acid: W2151

MANGANOUS SULFATE SOLUTION: W2191

POLYSEED: WP52829

Alkaline Iodide Azide: W2035

GGA: WP52830

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	8.55
WINKLER (Dilution Water)	2	300	8.5	17.1	8.6	

BOD Dilution Water Before Reading Using DO Meter: 8.55 & After Reading Using DO Meter: 8.56

Calibrate DO meter with average reading: 8.55

QC BATCH ID: LB85754

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.1

TIME IN: 11:20

TIME OUT: 11:01

DATE IN: 02/08/2017

DATE OUT: 02/13/2017

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	8.53	5.04	3.49	0.7	0.7	
POLYSEED	2					15	8.50	3.44	5.06	0.67		
POLYSEED	3					20	8.48	1.20	7.28	0.73		
GGA	1					6	8.51	4.36	4.15	172.5	172.5	
GGA	2					6	8.50	3.90	4.6	195	195	
GGA	3					6	8.47	4.21	4.26	178	178	
I1744-02	1	No	6.4	6.4	18.5	5	8.30	7.81	-	0		pH Adjusted
I1744-02	2					20	8.31	7.58	-	0		
I1744-02	3					50	8.34	7.59	-	0		
I1744-02	4					150	8.43	7.83	-	0		
I1744-04	1	No	7.2	7.2	19.3	5	8.25	7.75	-	0		pH Adjusted
I1744-04	2					20	8.23	7.82	-	0		
I1744-04	3					50	8.18	7.72	-	0		
I1744-04	4					150	8.16	7.69	-	0		
I1744-05	1	No	7.0	7.0	18.7	5	8.21	7.93	-	0		pH Adjusted
I1744-05	2					20	8.20	7.75	-	0		
I1744-05	3					50	8.18	7.73	-	0		
I1744-05	4					150	8.13	7.68	-	0		
I1756-02	1	No	6.8	6.8	18.6	5	8.19	7.69	-	0		pH Adjusted
I1756-02	2					20	8.22	7.70	-	0		
I1756-02	3					50	8.25	7.84	-	0		
I1756-02	4					150	8.48	7.93	-	0		
I1756-02DUP	1	No	6.8	6.8	18.6	5	8.20	7.68	-	0		pH Adjusted
I1756-02DUP	2					20	8.21	7.70	-	0		
I1756-02DUP	3					50	8.24	7.82	-	0		
I1756-02DUP	4					150	8.47	7.91	-	0		

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

WORKLIST(Hardcopy Internal Chain)

2B85754

WorkList Name : BOD5020817

WorkList ID : 95461

Date : 2/8/2017 10:25:36 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I1744-02	BOD5	Cool 4 deg C	SHAW22	G51	KY038PS027-170206	02/06/2017	SM5210 B
	Water	I1744-04	BOD5	Cool 4 deg C	SHAW22	G51	KY038PS033-170206	02/06/2017	SM5210 B
	Water	I1744-05	BOD5	Cool 4 deg C	SHAW22	G51	KY038PS034-170206	02/06/2017	SM5210 B
	Water	I1756-02	BOD5	Cool 4 deg C	SHAW22	H11	OUTFALL001-170207	02/07/2017	SM5210 B

Date/Time 02/08/17 10:30
 Received by: IB
 Relinquished by: SR

Date/Time 02/08/17 14:00
 Received by: SR
 Relinquished by: IB