



BOD5 LOG

QC BATCH ID: LB90794
BOD Water: WP58746
Starch: W2121
Conc Sulfuric Acid: W2151
POLYSEED: WP58748
GGA: WP58747
Chlorine Strips: W2068
pH Strips: W2106

Analysis Date: 10/12/2017
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	8.5	8.5	8.6
WINKLER	(Dilution Water)	2	300	8.5	17.2	8.7	

BOD Dilution Water Before Reading Using DO Meter: 8.59 & After Reading Using DO Meter: 8.60
Calibrate DO meter with average reading: 8.6

QC BATCH ID: LB90794

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 16:40

TIME OUT: 08:40

DATE IN: 10/12/2017

DATE OUT: 10/17/2017

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	8.49	6.25	2.24	0.45	0.47	
POLYSEED	2					15	8.45	4.95	3.5	0.47		
POLYSEED	3					20	8.40	3.61	4.79	0.48		
GGA	1					6	8.44	3.77	4.67	210	210	
GGA	2					6	8.45	3.91	4.54	203.5	203.5	
GGA	3					6	8.42	3.84	4.58	205.5	205.5	
I5847-02	1	No	6.8	N/A	18.8	5	8.56	7.88	-	0		
I5847-02	2					20	8.52	7.90	-	0		
I5847-02	3					50	8.46	7.74	-	0		
I5847-02	4					150	8.13	7.51	-	0		
I5847-04	1	No	6.8	N/A	18.9	5	8.67	8.07	-	0		
I5847-04	2					20	8.91	8.11	-	0		
I5847-04	3					50	9.48	8.80	-	0		
I5847-04	4					150	11.57	10.80	-	0		
I5847-05	1	No	6.8	N/A	19.0	5	8.71	8.56	-	0		
I5847-05	2					20	8.79	8.70	-	0		
I5847-05	3					50	9.14	9.07	-	0		
I5847-05	4					150	10.45	10.25	-	0		
I5847-05DUP	1	No	6.8	N/A	19.0	5	8.73	8.54	-	0		
I5847-05DUP	2					20	8.80	8.73	-	0		
I5847-05DUP	3					50	9.12	9.10	-	0		
I5847-05DUP	4					150	10.41	10.22	-	0		
I5852-01	1	No	6.8	N/A	18.7	0.5	8.52	8.16	-	0	46.8	
I5852-01	2					1	8.50	8.12	-	0		
I5852-01	3					2	8.49	7.97	-	0		
I5852-01	4					5	8.49	6.85	-	0		
I5852-01	5					10	8.47	6.44	2.03	46.8		
I5852-03	1	No	7.2	N/A	18.9	0.01	8.55	7.53	-	0	8190	
I5852-03	2					0.05	8.54	6.70	-	0		
I5852-03	3					0.1	8.54	5.34	3.2	8190		
I5852-03	4					0.5	8.52	0.96	-	0		
I5852-03	5					1	8.51	0.81	-	0		
I5875-01	1	No	6.8	N/A	18.7	1	8.65	7.71	-	0	33.15	
I5875-01	2					5	8.55	7.21	-	0		
I5875-01	3					10	8.44	6.60	-	0		
I5875-01	4					20	8.35	5.67	2.68	33.15		

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

WORKLIST(Hardcopy Internal Chain)

2B90794

WorkList Name : BOD5101217

WorkList ID : 104094

Date : 10/12/2017 1:31:51 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/13/2017	Water	I5847-02	BOD5	Cool 4 deg C	SHAW22	H11	KY038PS027-171011	10/11/2017	SM5210 B
10/13/2017	Water	I5847-04	BOD5	Cool 4 deg C	SHAW22	H11	KY038PS033-171011	10/11/2017	SM5210 B
10/13/2017	Water	I5847-05	BOD5	Cool 4 deg C	SHAW22	H11	KY038PS034-171011	10/11/2017	SM5210 B
10/13/2017	Water	I5852-01	BOD5	Cool 4 deg C	HOLL01	I12	EFFLUENT	10/11/2017	SM5210 B
10/13/2017	Water	I5852-03	BOD5	Cool 4 deg C	HOLL01	I12	INFLUENT	10/11/2017	SM5210 B
10/14/2017	Water	I5875-01	BOD5	Cool 4 deg C	PSEG01	H52	TK2064L-T1-T2-T3	10/12/2017	SM5210 B

Date/Time 10/12/17 15:58

Received by: IB

Relinquished by: JB

Date/Time 10/12/17 17:00

Received by: JB

Relinquished by: IB