



BOD5 LOG

QC BATCH ID: LB91656
BOD Water: WP59725
Starch: W2121
Conc Sulfuric Acid: W2151
POLYSEED: WP59727
GGA: WP59726
Chlorine Strips: W2068
pH Strips: W2106

Analysis Date: 11/16/2017
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	8.2	8.2	8.25
WINKLER	(Dilution Water)	2	300	8.2	16.5	8.3	

BOD Dilution Water Before Reading Using DO Meter: 8.24 & After Reading Using DO Meter: 8.24
Calibrate DO meter with average reading: 8.25

QC BATCH ID: LB91656

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 16:39

TIME OUT: 10:30

DATE IN: 11/16/2017

DATE OUT: 11/21/2017

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	8.01	5.80	2.21	0.44	0.59	
POLYSEED	2					15	7.90	2.80	5.1	0.68		
POLYSEED	3					20	7.89	1.30	6.59	0.66		
GGA	1					6	7.90	3.78	4.12	176.5	176.5	
GGA	2					6	7.88	3.85	4.03	172	172	
GGA	3					6	7.86	3.79	4.07	174	174	
I6507-01	1	No	6.8	N/A	18.6	0.5	7.87	6.98	-	0	103.2	
I6507-01	2					1	7.81	6.77	-	0		
I6507-01	3					2	7.80	6.48	-	0		
I6507-01	4					5	7.77	5.51	2.26	100.2		
I6507-01	5					10	7.71	3.58	4.13	106.2		
I6507-03	1	No	5.41	7.0	18.8	0.01	7.72	6.51	-	0	10620	pH Adjusted
I6507-03	2					0.05	7.70	5.34	2.36	10620		
I6507-03	3					0.1	7.66	0.63	-	0		
I6507-03	4					0.5	7.62	0.54	-	0		
I6507-03	5					1	7.61	0.51	-	0		
I6509-02	1	No	6.8	N/A	19.0	5	7.58	6.73	-	0		
I6509-02	2					20	7.56	6.22	-	0		
I6509-02	3					50	7.52	6.22	-	0		
I6509-02	4					150	7.48	0.52	-	0		
I6509-04	1	No	6.8	N/A	18.9	5	7.53	6.56	-	0		
I6509-04	2					20	7.53	7.04	-	0		
I6509-04	3					50	7.78	5.80	-	0		
I6509-04	4					150	8.14	7.50	-	0		
I6509-05	1	No	6.8	N/A	18.8	5	8.27	6.30	-	0		
I6509-05	2					20	8.31	6.68	-	0		
I6509-05	3					50	8.40	6.80	-	0		
I6509-05	4					150	8.87	7.34	-	0		
I6509-05DUP	1	No	6.8	N/A	18.8	5	8.25	6.30	-	0		
I6509-05DUP	2					20	8.30	6.67	-	0		
I6509-05DUP	3					50	8.42	6.81	-	0		
I6509-05DUP	4					150	8.85	7.32	-	0		

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

LB91656

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5111617 WorkList ID : 105577 Date : 11/16/2017 11:51:57 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
11/17/2017	Water	I6507-01	BOD5	Cool 4 deg C	HOLL01	J11	EFFLUENT	11/15/2017	SM5210 B
11/17/2017	Water	I6507-03	BOD5	Cool 4 deg C	HOLL01	J11	INFLUENT	11/15/2017	SM5210 B
11/16/2017	Water	I6509-02	BOD5	Cool 4 deg C	SHAW22	J11	KY038PS027-171114	11/14/2017	SM5210 B
11/16/2017	Water	I6509-04	BOD5	Cool 4 deg C	SHAW22	J11	KY038PS033-171114	11/14/2017	SM5210 B
11/16/2017	Water	I6509-05	BOD5	Cool 4 deg C	SHAW22	J11	KY038PS034-171114	11/14/2017	SM5210 B

Date/Time 11/16/17 13:38
 Received by: IB
 Relinquished by: RM

Date/Time 11/16/17 16:52
 Received by: RM
 Relinquished by: IB