



BOD5 LOG

QC BATCH ID: LB92698
BOD Water: WP61070
Starch: W2121
Conc Sulfuric Acid: W2151
POLYSEED: WP61072
GGA: WP61071
Chlorine Strips: W2068
pH Strips: W2106

Analysis Date: 01/18/2018
ANALYST: Indiana
SUPERVISOR: apatel
MANGANOUS SULFATE SOLUTION: W2191
Alkaline Iodide Azide: W2241
Sodium Thiosulfate, 0.025N: W2252
NaOH, 0.25N: WP60843
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	8.4	8.4	8.35
WINKLER	(Dilution Water)	2	300	8.4	16.7	8.3	

BOD Dilution Water Before Reading Using DO Meter: 8.35 & After Reading Using DO Meter: 8.34
Calibrate DO meter with average reading: 8.35

QC BATCH ID: LB92698

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 16:10

TIME OUT: 11:00

DATE IN: 01/18/2018

DATE OUT: 01/23/2018

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	8.14	4.31	3.83	0.77	0.65	
POLYSEED	2					15	8.30	3.40	4.9	0.65		
POLYSEED	3					20	8.21	3.02	5.19	0.52		
GGA	1					6	8.31	3.60	4.71	203	203	
GGA	2					6	8.29	3.72	4.57	196	196	
GGA	3					6	8.26	3.77	4.49	192	192	
J1173-01	1	No	2.48	7.0	18.6	5	8.44	7.60	-	0	18.35	pH Adjusted
J1173-01	2					20	8.40	5.94	2.46	27.15		
J1173-01	3					50	8.34	4.47	3.87	19.32		
J1173-01	4					150	8.22	3.28	4.94	8.58		
J1180-01	1	No	6.4	N/A	18.8	0.5	8.35	7.21	-	0	280.75	
J1180-01	2					1	8.16	6.18	-	0		
J1180-01	3					2	8.12	5.28	2.84	328.5		
J1180-01	4					3	8.10	5.12	2.98	233		
J1180-01DUP	1	No	6.4	N/A	18.8	0.5	8.33	7.24	-	0	281	
J1180-01DUP	2					1	8.19	6.21	-	0		
J1180-01DUP	3					2	8.13	5.30	2.83	327		
J1180-01DUP	4					3	8.09	5.09	3	235		
J1199-01	1	No	7.0	N/A	18.9	0.5	8.21	6.23	-	0	847.5	
J1199-01	2					1	8.16	4.76	3.4	825		
J1199-01	3					2	8.13	1.68	6.45	870		
J1199-01	4					5	8.05	0.88	-	0		
J1199-01	5					20	7.96	0.63	-	0		
J1199-03	1	No	7.0	N/A	18.9	0.01	8.17	6.54	-	0	11445	
J1199-03	2					0.05	8.16	5.05	3.11	14760		
J1199-03	3					0.1	8.14	4.78	3.36	8130		
J1199-03	4					0.5	8.12	0.62	-	0		
J1199-03	5					1	8.10	0.58	-	0		

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

LB92698

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5011818 WorkList ID : 107542 Date : 1/18/2018 8:58:46 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/19/2018	Water	J1173-01	BOD5	Cool 4 deg C	PSEG01	L52	UST-1-2	01/17/2018	SM5210 B
01/19/2018	Water	J1180-01	BOD5	Cool 4 deg C	ARAM01	L22	COMP	01/17/2018	SM5210 B
01/19/2018	Water	J1199-01	BOD5	Cool 4 deg C	HOLL01	L22	EFFLUENT	01/17/2018	SM5210 B
01/19/2018	Water	J1199-03	BOD5	Cool 4 deg C	HOLL01	L22	INFLUENT	01/17/2018	SM5210 B

Date/Time 01/18/18 15:00
 Received by: IB
 Relinquished by: SP

Date/Time 01/18/18 17:00
 Received by: SP
 Relinquished by: IB