CHEMTECH

BOD5 LOG

QC BATCH ID: LB88883
BOD Water: WP56545
Starch: W2121
Conc Sulfuric Acid: W2151
POLYSEED: WP56547
GGA: WP56546
Chlorine Strips: W2068
pH Strips: W2106

Analysis Date: 07/20/2017
ANALYST: Indiana
SUPERVISOR: apatel
MANGANOUS SULFATE SOLUTION: W2191
Alkaline Iodide Azide: W2241
Sodium Thiosulfate, 0.025N: W2206
NaOH, 0.25N: WP54369
IncubatroID: 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	8.5
WINKLER	(Dilution Water)	2	300	8.4	17.0	8.6	

BOD Dilution Water Before Reading Using DO Meter: 8.5 & After Reading Using DO Meter: 8.49

Calibrate DO meter with average reading: 8.5

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QC BATCH ID: LB88883

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 17:09

TIME OUT: 09:40

DATE IN: 07/20/2017

DATE OUT: 07/25/2017

Lab SampleID	Bottle No.	Check CL	Initial PH	Final PH	Temp ℃	Sam Vol. (mL)	D.O.1 Initial	D.O.2 Final	Depletion	BOD Result (mg/L)	Avg Result (mg/L)	Comment
POLYSEED	1					10	8.47	3.05	5.42	1.08	0.89	
POLYSEED	2					15	8.38	1.85	6.53	0.87		
POLYSEED	3					20	8.34	1.08	7.26	0.73		
GGA	1					6	8.41	4.02	4.39	175	175	
GGA	2					6	8.37	3.90	4.47	179	179	
GGA	3					6	8.39	3.96	4.43	177	177	
I4289-01	1	No	6.8	N/A	19.0	0.5	8.39	6.79	-	0	412.33	
I4289-01	2					1	8.27	5.98	2.29	420		
I4289-01	3					2	8.15	4.46	3.69	420		
I4289-01	4					3	8.09	3.23	4.86	397		
I4289-01DUP	1	No	6.8	N/A	19.0	0.5	8.40	6.80	-	0	409	
I4289-01DUP	2					1	8.29	5.96	2.33	432		
I4289-01DUP	3					2	8.14	4.57	3.57	402		
I4289-01DUP	4					3	8.07	3.25	4.82	393		
I4300-03	1	No	6.4	N/A	18.8	5	8.40	7.42	-	0		
I4300-03	2					20	8.38	7.36	-	0		
I4300-03	3					50	8.88	7.28	-	0		
I4300-03	4					150	8.10	7.51	-	0		
I4331-01	1	No	7.2	N/A	19.1	0.5	8.51	7.47	-	0	74.25	
I4331-01	2					1	8.41	7.35	-	0		
I4331-01	3					2	8.34	6.38	-	0		
I4331-01	4					5	8.25	6.05	2.2	78.6		
I4331-01	5					10	8.19	4.97	3.22	69.9		
I4331-03	1	No	4.47	7.0	19.0	0.01	8.12	6.70	-	0	12870	pH Adjusted
I4331-03	2					0.05	8.08	5.83	2.25	8160		
I4331-03	3					0.1	8.05	1.30	6.75	17580		
I4331-03	4					0.5	8.03	0.96	-	0		
I4331-03	5					1	8.01	0.90	-	0		

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

2B88883

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5072017 WorkList ID : 100893 Date : 7/20/2017 10:57:24 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I4289-01	BOD5	Cool 4 deg C	ARAM01	G11	COMP	07/19/2017	SM5210 B
	Water	I4300-03	BOD5	Cool 4 deg C	SHAW22	G31	OUTFALL001-170718	07/18/2017	SM5210 B
	Water	I4331-01	BOD5	Cool 4 deg C	HOLL01	H22	EFFLUENT	07/19/2017	SM5210 B
	Water	I4331-03	BOD5	Cool 4 deg C	HOLL01	H22	INFLUENT	07/19/2017	SM5210 B

Date/Time 07/20/17 16.00
Received by: IB
Relinquished by: CP

Date/Time 07/20/17 17:30
Received by: CP
Relinquished by: IB