CHEMTECH

BOD5 LOG

QC BATCH ID: LB86843
BOD Water: WP54161
Starch: W2121
Conc Sulfuric Acid: W2151
POLYSEED: WP54163
GGA: WP54162
Chlorine Strips: W2068
pH Strips: W2106

Analysis Date: 04/12/2017
ANALYST: Indiana
SUPERVISOR: apatel
MANGANOUS SULFATE SOLUTION: W2191
Alkaline Iodide Azide: W2035
Sodium Thiosulfate, 0.025N: W2169
NaOH, 0.25N: WP52920
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	8.5	8.5	8.65
WINKLER	(Dilution Water)	2	300	8.5	17.3	8.8	

BOD Dilution Water Before Reading Using DO Meter: 8.64 & After Reading Using DO Meter: 8.64

Calibrate DO meter with average reading: 8.65

CHEMTECH

QC BATCH ID: LB86843

INCUBATOR TEMP IN(C): 20.4 **INCUBATOR TEMP OUT(C):** 20.4

TIME IN: 17:01 **TIME OUT:** 09:30

DATE IN: 04/12/2017 **DATE OUT:** 04/17/2017

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	8.60	5.14	3.46	0.69	0.67	
POLYSEED	2					15	8.59	3.85	4.74	0.63		
POLYSEED	3					20	8.54	1.75	6.79	0.68		
GGA	1					6	8.54	4.05	4.49	191	191	
GGA	2					6	8.55	3.86	4.69	201	201	
GGA	3					6	8.53	3.92	4.61	197	197	
I2647-01	1	No	6.8	N/A	18.5	0.5	8.61	7.77	-	0	64.5	
I2647-01	2					1	8.53	7.65	-	0		
I2647-01	3					5	8.50	7.03	-	0		
I2647-01	4					20	8.37	3.40	4.97	64.5		
I2649-01	1	No	3.73	7.0	18.7	0.5	8.52	6.60	-	0	1167	pH Adjusted
I2649-01	2					1	8.47	3.91	4.56	1167		
I2649-01	3					5	8.47	0.29	-	0		
I2649-01	4					20	8.38	0.25	-	0		
I2671-03	1	No	6.56	N/A	19.2	5	8.39	7.71	-	0	2.68	
I2671-03	2					20	8.33	7.67	-	0		
I2671-03	3					50	8.17	7.09	-	0		
I2671-03	4					150	7.82	5.81	2.01	2.68		
I2671-06	1	No	5.01	N/A	19.1	5	8.34	1.01	7.33	399.6	399.6	
I2671-06	2					20	8.32	0.25	-	0		
I2671-06	3					50	8.15	0.26	-	0		
I2671-06	4					150	7.81	0.23	-	0		
I2673-01	1	No	6.4	N/A	19.9	0.5	8.30	6.89	-	0	282	
I2673-01	2					1	8.29	6.62	-	0		
I2673-01	3					2	8.29	5.60	2.69	303		
I2673-01	4					3	8.27	4.99	3.28	261		
I2673-01DUP	1	No	6.4	N/A	19.9	0.5	8.31	6.87	-	0	285.5	
I2673-01DUP	2					1	8.30	6.60	-	0		
I2673-01DUP	3					2	8.28	5.55	2.73	309		
I2673-01DUP	4					3	8.26	4.97	3.29	262		

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

2B86843

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5041217-2 WorkList ID : 97361 Date : 4/12/2017 2:51:08 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/14/2017	Water	I2647-01	BOD5	Cool 4 deg C	PHAR02	O33	15220032-1	04/12/2017	SM5210 B
	Water	I2649-01	BOD5	Cool 4 deg C	PHAR02	O33	32220008-3	04/12/2017	SM5210 B
04/14/2017	Water	I2671-03	BOD5	Cool 4 deg C	PSEG01	O52	DRUMS-(2-7)	04/12/2017	SM5210 B
04/14/2017	Water	I2671-06 -B	BOD5	Cool 4 deg C	PSEG01	O52	M-15-M-18	04/12/2017	SM5210 B
	Water	I2673-01	BOD5	Cool 4 deg C	ARAM01	O42	COMP-001	04/12/2017	SM5210 B

Date/Time 04/12/17 15:07
Received by: IB
Relinquished by: JR

Date/Time 04/12/17 16:58
Received by: JR
Relinquished by: IB