CHEMTECH

BOD5 LOG

QC BATCH ID:	LB86152	**Analysis Date:**	03/03/2017
BOD Water:	WP53297	**ANALYST:**	Indiana
Starch:	W2121	**SUPERVISOR:**	apatel
Conc Sulfuric Acid:	W2151	**MANGANOUS SULFATE SOLUTION:**	W2191
POLYSEED:	WP53331	**Alkaline Iodide Azide:**	W2035
GGA:	WP53329	**Sodium Thiosulfate, 0.025N:**	W2169
Chlorine Strips:	W2068	**NaOH, 0.25N:**	WP52920
pH Strips:	W2106		

Lab Sample ID		Bottle No.	VOL. ML	Initial Reading(ML)	Final Reading(ML)	Difference	Average
WINKLER	(Dilution Water)	1	300	0.0	8.8	8.8	8.85
WINKLER	(Dilution Water)	2	300	8.8	17.7	8.9	

BOD Dilution Water Before Reading Using DO Meter: 8.84 & After Reading Using DO Meter: 8.81

Calibrate DO meter with average reading: 8.85

CHEMTECH

QC BATCH ID: LB86152

INCUBATOR TEMP IN(C): 20.2 **INCUBATOR TEMP OUT(C):** 20.1

TIME IN: 16:02 **TIME OUT:** 09:40

DATE IN: 03/03/2017 **DATE OUT:** 03/08/2017

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	8.76	5.41	3.35	0.67	0.66	
POLYSEED	2					15	8.74	3.69	5.05	0.67		
POLYSEED	3					20	8.70	2.35	6.35	0.64		
GGA	1					6	8.68	4.48	4.2	177	177	
GGA	2					6	8.69	4.50	4.19	176.5	176.5	
GGA	3					6	8.66	4.02	4.64	199	199	
I2100-01	1	No	7.34		17.7	150	7.88	5.61	2.27	3.22	3.22	
I2100-01	2					50	8.46	0.36	-	0		
I2100-01	3					20	8.61	0.28	-	0		
I2100-01	4					5	8.65	0.26	-	0		
I2100-01DUP	1	No	7.34		17.7	150	7.89	5.63	2.26	3.2	3.2	
I2100-01DUP	2					50	8.44	0.34	-	0		
I2100-01DUP	3					20	8.60	0.29	-	0		
I2100-01DUP	4					5	8.63	0.25	-	0		

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

2B86152

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5030317 WorkList ID : 96153 Date : 3/3/2017 12:45:43 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/05/2017	Water	I2100-01 – I	BOD5	Cool 4 deg C	PSEG01	G31	FRAC-TANK-252657	03/03/2017	SM5210 B

Date/Time 03/03/17 13:30
Received by: IB
Relinquished by: JR

Date/Time 03/03/17 16:40
Received by: JR
Relinquished by: IB