



BOD5 LOG

QC BATCH ID:	LB91602	Analysis Date:	11/10/2017
BOD Water:	WP59561	ANALYST:	Indiana
Starch:	W2121	SUPERVISOR:	apatel
Conc Sulfuric Acid:	W2151	MANGANOUS SULFATE SOLUTION:	W2191
POLYSEED:	WP59563	Alkaline Iodide Azide:	W2241
GGA:	WP59562	Sodium Thiosulfate, 0.025N:	W2252
Chlorine Strips:	W2068	NaOH, 0.25N:	WP56596
pH Strips:	W2106	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	8.6	8.6	8.65
WINKLER	(Dilution Water)	2	300	8.6	17.3	8.7	

BOD Dilution Water Before Reading Using DO Meter: 8.64 & After Reading Using DO Meter: 8.63
Calibrate DO meter with average reading: 8.65

QC BATCH ID: LB91602

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 16:50

TIME OUT: 10:00

DATE IN: 11/10/2017

DATE OUT: 11/15/2017

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	8.57	5.61	2.96	0.59	0.68	
POLYSEED	2					15	8.56	2.38	6.18	0.82		
POLYSEED	3					20	8.55	2.38	6.17	0.62		
GGA	1					6	8.59	4.12	4.47	189.5	189.5	
GGA	2					6	8.55	4.02	4.53	192.5	192.5	
GGA	3					6	8.59	4.16	4.43	187.5	187.5	
I6407-08	1	No	12.0	7.0	18.8	5	8.60	7.61	-	0	14.16	pH Adjusted
I6407-08	2					20	8.45	7.63	-	0		
I6407-08	3					50	8.43	5.25	3.18	15		
I6407-08	4					150	8.40	1.06	7.34	13.32		
I6413-01	1	No	9.24	7.0	18.9	5	8.35	6.75	-	0	39.41	pH Adjusted
I6413-01	2					20	8.18	4.73	3.45	41.55		
I6413-01	3					50	7.95	1.06	6.89	37.26		
I6413-01	4					150	7.12	0.90	-	0		
I6414-01	1	No	6.4	N/A	18.8	0.5	8.28	7.01	-	0	349.8	
I6414-01	2					1	8.25	5.95	2.3	486		
I6414-01	3					5	8.22	3.98	4.24	213.6		
I6414-01	4					20	8.10	0.67	-	0		
I6415-01	1	No	7.2	N/A	19.0	0.5	8.18	7.09	-	0	1095	
I6415-01	2					1	8.13	3.80	4.33	1095		
I6415-01	3					5	8.08	0.58	-	0		
I6415-01	4					20	7.89	0.45	-	0		
I6415-01DUP	1	No	7.2	N/A	19.0	0.5	8.20	7.10	-	0	1098	
I6415-01DUP	2					1	8.12	3.78	4.34	1098		
I6415-01DUP	3					5	8.10	0.60	-	0		
I6415-01DUP	4					20	7.87	0.42	-	0		
I6436-03	1	No	7.6	N/A	19.8	5	8.65	6.68	-	0	16.89	
I6436-03	2					20	8.63	6.03	2.6	28.8		
I6436-03	3					50	8.60	5.23	3.37	16.14		
I6436-03	4					150	8.55	5.01	3.54	5.72		
I6441-31	1	No	7.5	N/A	18.9	5	8.68	6.97	-	0	27.25	
I6441-31	2					20	8.56	5.41	3.15	37.05		
I6441-31	3					50	8.35	4.76	3.59	17.46		
I6441-31	4					150	7.34	0.45	-	0		
I6443-01	1	No	7.8	N/A	19.1	5	8.75	6.55	2.2	91.2	34.76	
I6443-01	2					20	8.70	6.44	2.26	23.7		
I6443-01	3					50	8.65	5.98	2.67	11.94		
I6443-01	4					150	8.44	1.66	6.78	12.2		

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

2391602

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5111017 WorkList ID : 105371 Date : 11/10/2017 10:41:46 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
11/11/2017	Water	I6407-08	BOD5	Cool 4 deg C	PSEG01	H52	FM1034	11/09/2017	SM5210 B
11/11/2017	Water	I6413-01	BOD5	Cool 4 deg C	PSEG01	H52	FM728	11/09/2017	SM5210 B
11/11/2017	Water	I6414-01	BOD5	Cool 4 deg C	PHAR02	I31	32220008-3	11/09/2017	SM5210 B
11/11/2017	Water	I6415-01	BOD5	Cool 4 deg C	PHAR02	I43	15220032-1	11/09/2017	SM5210 B
11/12/2017	Water	I6436-03	BOD5	Cool 4 deg C	PSEG01	H52	153RD-63RD-ST-DRUMS	11/10/2017	SM5210 B
11/12/2017	Water	I6441-31	BOD5	Cool 4 deg C	PSEG01	H52	TP-8	11/10/2017	SM5210 B
11/12/2017	Water	I6443-01	BOD5	Cool 4 deg C	PSEG01	J52	FADW4870L	11/10/2017	SM5210 B

Date/Time 11/10/17 15:00
 Received by: IB
 Relinquished by: IB

Date/Time 11/10/17 17:10
 Received by: IB
 Relinquished by: IB