



BOD5 LOG

QC BATCH ID: LB92087
BOD Water: WP60233
Starch: W2121
Conc Sulfuric Acid: W2151
POLYSEED: WP60246
GGA: WP60245
Chlorine Strips: W2068
pH Strips: W2106

Analysis Date: 12/08/2017
ANALYST: Indiana
SUPERVISOR: apatel
MANGANOUS SULFATE SOLUTION: W2191
Alkaline Iodide Azide: W2241
Sodium Thiosulfate, 0.025N: W2252
NaOH, 0.25N: WP56596
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: 8.62 & After Reading Using DO Meter: 8.64
Calibrate DO meter with average reading: 8.65



QC BATCH ID: LB92087

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.2

TIME IN: 17:50

TIME OUT: 10:00

DATE IN: 12/08/2017

DATE OUT: 12/13/2017

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	8.50	5.36	3.14	0.63	0.67	
POLYSEED	2					15	8.45	3.49	4.96	0.66		
POLYSEED	3					20	8.38	1.31	7.07	0.71		
GGA	1					6	8.49	4.25	4.24	178.5	178.5	
GGA	2					6	8.48	4.20	4.28	180.5	180.5	
GGA	3					6	8.49	3.57	4.92	212.5	212.5	
I6784-01	1	No	6.4	N/A	19.0	1	8.51	2.61	5.9	1569	525.68	
I6784-01	2					5	8.44	1.14	7.3	397.8		
I6784-01	3					20	8.30	1.08	7.22	98.25		
I6784-01	4					50	7.98	1.03	6.95	37.68		
I6793-01	1	No	4.60	N/A	7.0	1	8.40	7.83	-	0	48.34	
I6793-01	2					5	8.34	7.67	-	0		
I6793-01	3					20	8.31	3.83	4.48	57.15		
I6793-01	4					50	8.28	1.02	7.26	39.54		
I6795-01	1	No	6.8	N/A	18.8	5	8.26	7.45	-	0	16.68	
I6795-01	2					20	8.05	5.92	2.13	21.9		
I6795-01	3					50	7.71	5.13	2.58	11.46		
I6795-01	4					150	6.46	0.76	-	0		
I6795-01DUP	1	No	6.8	N/A	18.8	5	8.28	7.46	-	0	16.61	
I6795-01DUP	2					20	8.03	5.91	2.12	21.75		
I6795-01DUP	3					50	7.72	5.14	2.58	11.46		
I6795-01DUP	4					150	6.44	0.74	-	0		
I6795-02	1	No	6.8	N/A	19.1	5	8.11	7.24	-	0	7.04	
I6795-02	2					20	7.97	6.69	-	0		
I6795-02	3					50	7.60	5.74	-	0		
I6795-02	4					150	6.27	2.08	4.19	7.04		
I6795-03	1	No	7.0	N/A	18.8	5	8.02	6.91	-	0	6.02	
I6795-03	2					20	7.92	6.88	-	0		
I6795-03	3					50	7.70	6.05	-	0		
I6795-03	4					150	6.86	3.18	3.68	6.02		
I6795-06	1	No	6.8	N/A	18.7	5	7.91	7.05	-	0	2.86	
I6795-06	2					20	7.78	6.97	-	0		
I6795-06	3					50	7.48	6.38	-	0		
I6795-06	4					150	6.29	4.19	2.1	2.86		
I6795-07	1	No	6.8	N/A	18.9	5	7.81	6.87	-	0	33.66	
I6795-07	2					20	7.67	6.48	-	0		
I6795-07	3					50	7.30	1.02	6.28	33.66		
I6795-07	4					150	6.86	0.51	-	0		
I6795-08	1	No	6.8	N/A	19.1	5	7.73	7.37	-	0	4.26	
I6795-08	2					20	7.64	7.25	-	0		
I6795-08	3					50	7.41	6.32	-	0		

I6795-08	4					150	6.34	3.54	2.8	4.26		
I6795-09	1	No	7.0	N/A	18.7	5	7.70	6.65	-	0	45.67	
I6795-09	2					20	7.51	2.59	4.92	63.75		
I6795-09	3					50	7.14	1.87	5.27	27.6		
I6795-09	4					150	5.63	0.48	-	0		
I6813-03	1	No	7.66	N/A	19.0	5	8.55	6.14	2.41	104.4	92.85	
I6813-03	2					20	8.43	2.34	6.09	81.3		
I6813-03	3					50	8.20	0.45	-	0		
I6813-03	4					150	7.31	0.43	-	0		
I6818-01	1	No	6.8	N/A	18.7	5	8.53	6.72	-	0	60.6	
I6818-01	2					20	8.46	3.75	4.71	60.6		
I6818-01	3					50	8.15	0.43	-	0		
I6818-01	4					100	7.69	0.38	-	0		
I6818-02	1	No	6.8	N/A	18.8	5	8.55	6.18	2.37	102	81.38	
I6818-02	2					20	8.47	3.75	4.72	60.75		
I6818-02	3					50	8.19	0.38	-	0		
I6818-02	4					100	7.83	0.36	-	0		

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

2892087

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5120817

WorkList ID : 106292

Date : 12/8/2017 8:43:46 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
12/10/2017	Water	I6813-03	BOD5	Cool 4 deg C	PSEG01	M52	Drill-Cutting-Spoils	12/08/2017	SM5210 B
12/09/2017	Water	I6795-01	BOD5	Cool 4 deg C	CASH01	M11	MW-4	12/07/2017	SM5210 B
12/09/2017	Water	I6795-02	BOD5	Cool 4 deg C	CASH01	M11	MW-8	12/07/2017	SM5210 B
12/09/2017	Water	I6795-03	BOD5	Cool 4 deg C	CASH01	M11	MW-10	12/07/2017	SM5210 B
12/09/2017	Water	I6795-06	BOD5	Cool 4 deg C	CASH01	M11	NW-1	12/07/2017	SM5210 B
12/09/2017	Water	I6795-07	BOD5	Cool 4 deg C	CASH01	M11	NW-3	12/07/2017	SM5210 B
12/09/2017	Water	I6795-08	BOD5	Cool 4 deg C	CASH01	M11	NW-4	12/07/2017	SM5210 B
12/09/2017	Water	I6795-09	BOD5	Cool 4 deg C	CASH01	M11	NW-6	12/07/2017	SM5210 B
12/09/2017	Water	I6784-01	BOD5	Cool 4 deg C	PHAR02	P11	32220008-3	12/07/2017	SM5210 B
12/09/2017	Water	I6793-01	BOD5	Cool 4 deg C	PHAR02	P11	15220032-1	12/07/2017	SM5210 B
12/10/2017	Water	I6818-01	BOD5	Cool 4 deg C	TULL01	P11	001M-WILLETS-PT-BLUD	12/08/2017	SM5210 B
12/10/2017	Water	I6818-02	BOD5	Cool 4 deg C	TULL01	P11	002M-35TH-AVE	12/08/2017	SM5210 B

Date/Time 12/8/17 17:30
 Received by: IS
 Relinquished by: IS

Date/Time 12/8/17 18:00
 Received by: IS
 Relinquished by: IS