



BOD5 LOG

QC BATCH ID: LB86756

Analysis Date: 04/06/2017

BOD Water: WP54057

ANALYST: Indiana

Starch: W2121

SUPERVISOR: apatel

Conc Sulfuric Acid: W2151

MANGANOUS SULFATE SOLUTION: W2191

POLYSEED: WP54058

Alkaline Iodide Azide: W2035

GGA: WP54059

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	8.6	8.6	8.55
WINKLER	(Dilution Water)	2	300	8.6	17.1	8.5	

BOD Dilution Water Before Reading Using DO Meter: 8.53 & After Reading Using DO Meter: 8.52

Calibrate DO meter with average reading: 8.55

QC BATCH ID: LB86756

INCUBATOR TEMP IN(C): 20.2

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 18:40

TIME OUT: 10:50

DATE IN: 04/06/2017

DATE OUT: 04/11/2017

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	8.47	5.39	3.08	0.62	0.59	
POLYSEED	2					15	8.43	4.15	4.28	0.57		
POLYSEED	3					20	8.35	2.53	5.82	0.58		
GGA	1					6	8.42	3.81	4.61	201	201	
GGA	2					6	8.40	3.95	4.45	193	193	
GGA	3					6	8.39	4.03	4.36	188.5	188.5	
I2561-11	1	No	6.4		18.9	1	8.42	7.56	-	0	20.85	
I2561-11	2					5	8.37	7.22	-	0		
I2561-11	3					25	8.30	5.53	2.77	26.16		
I2561-11	4					50	8.28	5.10	3.18	15.54		
I2567-01	1	No	6.8		19.7	5	8.25	7.31	-	0	22.62	
I2567-01	2					10	8.13	6.52	-	0		
I2567-01	3					50	7.73	3.37	4.36	22.62		
I2567-01	4					100	6.95	0.29	-	0		
I2567-02	1	No	6.8		19.6	5	8.35	7.26	-	0	19.38	
I2567-02	2					10	8.29	6.94	-	0		
I2567-02	3					50	7.67	3.85	3.82	19.38		
I2567-02	4					100	6.70	0.27	-	0		
I2570-01	1	No	6.4		20.1	5	8.20	7.68	-	0		
I2570-01	2					20	8.22	7.63	-	0		
I2570-01	3					50	8.30	7.79	-	0		
I2570-01	4					150	8.71	8.06	-	0		
I2573-01	1	No	6.4		19.9	0.5	8.22	6.89	-	0	458.33	
I2573-01	2					1	8.19	5.95	2.24	495		
I2573-01	3					2	8.17	4.66	3.51	438		
I2573-01	4					3	8.16	3.15	5.01	442		
I2573-01DUP	1	No	6.4		19.9	0.5	8.24	6.90	-	0	455.17	
I2573-01DUP	2					1	8.17	5.97	2.2	483		
I2573-01DUP	3					2	8.16	4.64	3.52	439.5		
I2573-01DUP	4					3	8.14	3.12	5.02	443		
I2582-01	1	No	6.8		18.7	5	8.54	6.62	-	0	11.58	
I2582-01	2					20	8.43	6.54	-	0		
I2582-01	3					50	7.91	5.39	2.52	11.58		
I2582-01	4					150	6.00	0.30	-	0		
I2582-04	1	No	6.8		18.7	5	8.58	7.62	-	0	4.34	
I2582-04	2					20	8.49	7.65	-	0		
I2582-04	3					50	8.43	7.26	-	0		
I2582-04	4					150	8.02	5.26	2.76	4.34		
I2586-02	1	No	6.4		19.2	0.5	8.55	5.03	3.52	1758	1531.5	
I2586-02	2					1	8.54	3.60	4.94	1305		
I2586-02	3					5	8.50	0.21	-	0		

I2586-02	4					20	8.34	0.17	-	0		
I2587-01	1	No	7.76		19.5	0.5	8.50	7.48	-	0	100.65	
I2587-01	2					1	8.49	7.30	-	0		
I2587-01	3					2	8.47	7.15	-	0		
I2587-01	4					5	8.45	6.40	2.05	87.6		
I2587-01	5					10	8.39	4.01	4.38	113.7		
I2587-03	1	No	4.87	7.0	19.7	0.01	8.49	6.79	-	0	13815	pH Adjusted
I2587-03	2					0.05	8.45	5.42	3.03	14640		
I2587-03	3					0.1	8.44	3.52	4.92	12990		
I2587-03	4					0.5	8.41	0.17	-	0		
I2587-03	5					1	8.38	0.15	-	0		

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

LB 86756

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5060417

WorkList ID : 97203

Date : 4/6/2017 2:05:49 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I2561-11	BOD5	Cool 4 deg C	CARP01	N53	CLEARWELL	04/05/2017	SM5210 B
	Water	I2567-01	BOD5	Cool 4 deg C	TULL01	N22	001M-WILLETTS-PTBLVD(APF	04/05/2017	SM5210 B
	Water	I2567-02	BOD5	Cool 4 deg C	TULL01	N22	002M-35THAVE(APR)	04/05/2017	SM5210 B
	Water	I2570-01	BOD5	Cool 4 deg C	STAN01	N61	WWPITOUTLET	04/05/2017	SM5210 B
	Water	I2573-01	BOD5	Cool 4 deg C	ARAM01	N52	COMP	04/05/2017	SM5210 B
04/08/2017	Water	I2582-01	BOD5	Cool 4 deg C	PSEG01	O11	GW-1	04/06/2017	SM5210 B
04/08/2017	Water	I2582-04	BOD5	Cool 4 deg C	PSEG01	O11	GW-2	04/06/2017	SM5210 B
	Water	I2586-02	BOD5	Cool 4 deg C	ARDM01	N32	EFF-WW	04/06/2017	SM5210 B
	Water	I2587-01	BOD5	Cool 4 deg C	HOLL01	N32	EFFLUENT	04/05/2017	SM5210 B
	Water	I2587-03	BOD5	Cool 4 deg C	HOLL01	N32	INFLUENT	04/05/2017	SM5210 B

Date/Time

Received by:

Relinquished by:

04/06/17 14:38

IB

IS

Date/Time

Received by:

Relinquished by:

04/06/17 18:50

IS

IB