



BOD5 LOG

QC BATCH ID: LB94402

BOD Water: WP63404

Starch: W2121

Conc Sulfuric Acid: W2151

POLYSEED: WP63406

GGA: WP63405

Chlorine Strips: W2068

pH Strips: W2106

Analysis Date: 04/04/2018

ANALYST: Indiana

SUPERVISOR: apatel

MANGANOUS SULFATE SOLUTION: W2191

Alkaline Iodide Azide: W2241

Sodium Thiosulfate, 0.025N: W2276

NaOH, 0.25N: WP62942

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	8.1	8.1	8.2
WINKLER	(Dilution Water)	2	300	8.1	16.4	8.3	

BOD Dilution Water Before Reading Using DO Meter: 8.2 & After Reading Using DO Meter: 8.19

Calibrate DO meter with average reading: 8.2

QC BATCH ID: LB94402

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 15:30

TIME OUT: 11:00

DATE IN: 04/04/2018

DATE OUT: 04/09/2018

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	8.14	4.76	3.38	0.68	0.72	
POLYSEED	2					15	8.08	1.81	6.27	0.84		
POLYSEED	3					20	8.02	1.68	6.34	0.63		
GGA	1					6	8.17	4.01	4.16	172	172	
GGA	2					6	8.12	3.92	4.2	174	174	
GGA	3					6	8.09	3.72	4.37	182.5	182.5	
J2197-06	1	No	6.4	N/A	18.8	5	8.14	7.08	-	0	10.4	
J2197-06	2					20	8.03	7.06	-	0		
J2197-06	3					50	7.96	5.42	2.54	10.92		
J2197-06	4					150	7.95	2.29	5.66	9.88		
J2206-01	1	No	7.6	N/A	18.7	2	7.89	7.41	-	0	42.3	
J2206-01	2					10	7.84	5.71	2.13	42.3		
J2206-01	3					50	7.21	0.88	-	0		
J2206-01	4					100	6.53	0.83	-	0		
J2208-01	1	No	6.8	N/A	18.7	2	7.65	1.06	6.59	880.5	880.5	
J2208-01	2					10	7.52	0.71	-	0		
J2208-01	3					50	6.73	0.65	-	0		
J2208-01	4					100	5.69	0.60	-	0		
J2215-01	1	No	7.2	N/A	18.9	5	7.51	7.43	-	0		
J2215-01	2					20	7.50	7.30	-	0		
J2215-01	3					50	7.36	7.05	-	0		
J2215-01	4					150	7.00	6.49	-	0		
J2215-02	1	No	6.4	N/A	18.9	5	7.47	7.19	-	0		
J2215-02	2					20	7.39	6.71	-	0		
J2215-02	3					50	7.20	6.67	-	0		
J2215-02	4					150	6.38	6.33	-	0		
J2219-02	1	No	6.2	N/A	18.7	5	7.44	7.34	-	0		
J2219-02	2					20	7.42	7.39	-	0		
J2219-02	3					50	7.54	7.45	-	0		
J2219-02	4					150	7.74	7.71	-	0		
J2233-01	1	No	6.4	N/A	18.7	0.5	7.47	7.12	-	0	192	
J2233-01	2					1	7.45	6.22	-	0		
J2233-01	3					2	7.41	5.42	-	0		
J2233-01	4					3	7.40	4.76	2.64	192		
J2233-01DUP	1	No	6.4	N/A	18.7	0.5	7.49	7.10	-	0	192.5	
J2233-01DUP	2					1	7.46	6.25	-	0		
J2233-01DUP	3					2	7.42	5.40	2.02	195		
J2233-01DUP	4					3	7.39	4.77	2.62	190		

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

WORKLIST(Hardcopy Internal Chain)

LB94402

WorkList Name : BOD5040418

WorkList ID : 110396

Date : 4/4/2018 10:49:57 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/05/2018	Water	J2197-06	BOD5	Cool 4 deg C	PSEG01	J63	DRUM-WATER	04/03/2018	SM5210 B
04/05/2018	Water	J2206-01	BOD5	Cool 4 deg C	M&MM01	L61	FINAL-EFFLUENT-19C	04/03/2018	SM5210 B
04/05/2018	Water	J2208-01	BOD5	Cool 4 deg C	M&MM01	L41	RAW-INFLUENT	04/03/2018	SM5210 B
03/30/2018	Water	J2215-01	BOD5	Cool 4 deg C	LOCK01	L63	RW-12D-20180328	03/28/2018	SM5210 B
03/30/2018	Water	J2215-02	BOD5	Cool 4 deg C	LOCK01	L63	RW-12I-20180328	03/28/2018	SM5210 B
04/05/2018	Water	J2219-02	BOD5	Cool 4 deg C	SHAW22	L52	OUTFALL001-180403	04/03/2018	SM5210 B
04/06/2018	Water	J2233-01	BOD5	Cool 4 deg C	ARAM01	L43	COMP	04/04/2018	SM5210 B

Date/Time 04/04/18 14:20

Received by: IB

Relinquished by: IB

Date/Time 04/04/18 16:00

Received by: IB

Relinquished by: IB