



BOD5 LOG

QC BATCH ID: LB93438

BOD Water: WP62173

Starch: W2121

Conc Sulfuric Acid: W2151

POLYSEED: WP62174

GGA: WP62175

Chlorine Strips: W2068

pH Strips: W2106

Analysis Date: 02/21/2018

ANALYST: Indiana

SUPERVISOR: apatel

MANGANOUS SULFATE SOLUTION: W2191

Alkaline Iodide Azide: W2241

Sodium Thiosulfate, 0.025N: W2276

NaOH, 0.25N: WP61578

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	8.4	8.4	8.5
WINKLER	(Dilution Water)	2	300	8.4	17.0	8.6	

BOD Dilution Water Before Reading Using DO Meter: 8.50 & After Reading Using DO Meter: 8.48

Calibrate DO meter with average reading: 8.5

QC BATCH ID: LB93438INCUBATOR TEMP IN(C): 20.4INCUBATOR TEMP OUT(C): 20.4TIME IN: 17:20TIME OUT: 10:00DATE IN: 02/21/2018DATE OUT: 02/26/2018

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	8.50	5.90	2.6	0.52	0.53	
POLYSEED	2					15	8.48	4.61	3.87	0.52		
POLYSEED	3					20	8.45	2.86	5.59	0.56		
GGA	1					6	8.49	4.05	4.44	195.5	195.5	
GGA	2					6	8.52	3.91	4.61	204	204	
GGA	3					6	8.48	3.94	4.54	200.5	200.5	
J1629-03	1	No	6.8	N/A	19.0	5	8.32	8.18	-	0		
J1629-03	2					20	8.34	8.01	-	0		
J1629-03	3					50	8.39	7.81	-	0		
J1629-03	4					150	8.59	7.99	-	0		
J1633-01	1	No	6.4	N/A	18.6	0.5	8.32	7.55	-	0	331.83	
J1633-01	2					1	8.30	6.12	2.18	495		
J1633-01	3					2	8.29	5.99	2.3	265.5		
J1633-01	4					3	8.25	5.37	2.88	235		
J1633-01DUP	1	No	6.4	N/A	18.6	0.5	8.33	7.57	-	0	334.33	
J1633-01DUP	2					1	8.31	6.10	2.21	504		
J1633-01DUP	3					2	8.27	5.98	2.29	264		
J1633-01DUP	4					3	8.23	5.35	2.88	235		
J1634-06	1	No	6.8	N/A	18.7	5	8.25	7.77	-	0	6.58	
J1634-06	2					20	8.22	6.86	-	0		
J1634-06	3					50	8.15	6.21	-	0		
J1634-06	4					150	7.63	3.81	3.82	6.58		

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

2393438

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5022118-2

WorkList ID : 108794

Date : 2/21/2018 2:20:00 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/22/2018	Water	J1629-03	BOD5	Cool 4 deg C	SHAW22	P41	OUTFALL001-180220	02/20/2018	SM5210 B
02/23/2018	Water	J1633-01	BOD5	Cool 4 deg C	ARAM01	P41	COMP	02/21/2018	SM5210 B
02/23/2018	Water	J1634-06	BOD5	Cool 4 deg C	PSEG01	P61	FRAC-TANK-257928	02/21/2018	SM5210 B

Date/Time 02/21/18 16:00
Received by: IB
Relinquished by: IB

Date/Time 02/21/18 17:30
Received by: IB
Relinquished by: IB