



BOD5 LOG

QC BATCH ID:	LB87503	Analysis Date:	05/17/2017
BOD Water:	WP54984	ANALYST:	Indiana
Starch:	W2121	SUPERVISOR:	apatel
Conc Sulfuric Acid:	W2151	MANGANOUS SULFATE SOLUTION:	W2191
POLYSEED:	WP54986	Alkaline Iodide Azide:	W2035
GGA:	WP54985	Sodium Thiosulfate, 0.025N:	W2169
Chlorine Strips:	W2068	NaOH, 0.25N:	WP54369
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	8.3	8.3	8.4
WINKLER	(Dilution Water)	2	300	8.3	16.8	8.5	

BOD Dilution Water Before Reading Using DO Meter: 8.38 & After Reading Using DO Meter: 8.37
Calibrate DO meter with average reading: 8.4

QC BATCH ID: LB87503

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.3

TIME IN: 10:00

TIME OUT: 09:23

DATE IN: 05/17/2017

DATE OUT: 05/22/2017

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	8.28	5.36	2.92	0.58	0.55	
POLYSEED	2					15	8.25	4.19	4.06	0.54		
POLYSEED	3					20	8.19	2.88	5.31	0.53		
GGA	1					6	8.22	4.27	3.95	170	170	
GGA	2					6	8.21	4.15	4.06	175.5	175.5	
GGA	3					6	8.23	4.20	4.03	174	174	
I3158-01	1	No	6.4	N/A	18.5	10	8.21	7.73	-	0	4.68	
I3158-01	2					50	8.19	7.65	-	0		
I3158-01	3					100	8.17	6.06	2.11	4.68		
I3158-01	4					200	8.24	6.93	-	0		
I3174-02	1	No	6.8	N/A	18.9	5	8.20	7.45	-	0		
I3174-02	2					20	8.12	7.26	-	0		
I3174-02	3					50	7.93	6.98	-	0		
I3174-02	4					150	7.19	5.65	-	0		
I3174-04	1	No	6.8	N/A	18.7	5	8.18	7.46	-	0	3.2	
I3174-04	2					20	8.33	7.36	-	0		
I3174-04	3					50	8.65	7.49	-	0		
I3174-04	4					150	10.30	8.15	2.15	3.2		
I3174-05	1	No	6.8	N/A	19.2	5	8.17	7.94	-	0		
I3174-05	2					20	8.11	7.23	-	0		
I3174-05	3					50	7.92	6.84	-	0		
I3174-05	4					150	7.30	6.44	-	0		
I3190-01	1	No	5.15	7.0	18.1	0.5	8.15	7.01	-	0	306.5	pH Adjusted
I3190-01	2					1	8.12	6.43	-	0		
I3190-01	3					2	8.08	5.51	2.57	303		
I3190-01	4					3	8.13	4.48	3.65	310		
I3190-01DUP	1	No	5.15	7.0	18.1	0.5	8.17	6.98	-	0	302.75	pH Adjusted
I3190-01DUP	2					1	8.14	6.42	-	0		
I3190-01DUP	3					2	8.09	5.53	2.56	301.5		
I3190-01DUP	4					3	8.05	4.46	3.59	304		

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

2B 87503

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD5051617

WorkList ID : 98512

Date : 5/16/2017 1:49:33 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I3158-01	BOD5	Cool 4 deg C	NATI04	H61	DSN001	05/15/2017	SM5210 B
05/17/2017	Water	I3174-02	BOD5	Cool 4 deg C	SHAW22	H62	KY038PS027-170515	05/15/2017	SM5210 B
05/17/2017	Water	I3174-04	BOD5	Cool 4 deg C	SHAW22	H62	KY038PS033-170515	05/15/2017	SM5210 B
05/17/2017	Water	I3174-05	BOD5	Cool 4 deg C	SHAW22	H62	KY038PS034-170515	05/15/2017	SM5210 B
	Water	I3190-01	BOD5	Cool 4 deg C	ARAM01	H22	COMP	05/17/2017	SM5210 B

Date/Time 05/17/17 09:35

Received by: IB

Relinquished by: IB

Date/Time 05/17/17 11:00

Received by: IB

Relinquished by: IB