

**BOD5 LOG****Analysis Date:** 08/03/2018**QC BATCH ID:** LB97114**ANALYST:** Indiana**BOD Water:** WP66720**SUPERVISOR:** apatel**Starch:** W2121**MANGANOUS SULFATE SOLUTION:** W2191**Conc Sulfuric Acid:** W2310**Alkaline Iodide Azide:** W2241**POLYSEED:** WP66721**Sodium Thiosulfate, 0.025N:** W2337**GGA:** WP66722**NaOH, 0.25N:** WP62942**Chlorine Strips:** W2068**IncubatorID:** Incubator-3**pH Strips:** W2350**Zero DO:** WP66646

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER1	WINKLER 1	1	300	0.0	8.4	8.4	8.5
WINKLER2	WINKLER 2	2	300	8.4	17	8.6	

Meter Calibration1 : 8.50

Zero DO Reading1 : 0.18 mg/L (≤ 0.2 Criteria)**After Incubation**

Meter Calibration2 : 8.50

Zero DO Reading2 : 0.17 mg/L (≤ 0.2 Criteria)



QC BATCH ID: LB97114

INCUBATOR TEMP IN(C): 20.6

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 16:40

TIME OUT: 11:00

DATE IN: 08/03/2018

DATE OUT: 08/08/2018

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
LB97114BL	1	No	6.0	N/A	19.0	300	8.49	8.48	0.01	0.01	0.01	
POLYSEED	1					10	8.47	5.90	2.57	0.51	0.52	
POLYSEED	2					15	8.45	4.44	4.01	0.53		
POLYSEED	3					20	8.11	3.0	5.11	0.51		
GGA	1					6	8.46	3.99	4.47	197.5	197.5	
GGA	2					6	8.43	4.08	4.35	191.5	191.5	
GGA	3					6	8.44	4.05	4.39	193.5	193.5	
J4341-01	1	No	5.69	7.0	18.9	1	8.32	1.36	6.96	1932	613.68	pH Adjusted
J4341-01	2					5	8.27	1.25	7.02	390		
J4341-01	3					20	8.11	1.21	6.9	95.7		
J4341-01	4					50	7.90	1.21	6.69	37.02		
J4341-02	1	No	6.4	N/A	18.8	1	8.45	2.40	6.05	1659	550.21	
J4341-02	2					5	8.40	1.11	7.29	406.2		
J4341-02	3					20	8.19	1.09	7.1	98.7		
J4341-02	4					50	7.75	1.07	6.68	36.96		
J4352-01	1	No	3.37	7.0	18.7	5	8.47	7.70	-	0		pH Adjusted
J4352-01	2					20	8.42	7.68	-	0		
J4352-01	3					50	8.29	7.20	-	0		
J4352-01	4					150	7.85	6.44	-	0		
J4352-01DUP	1	No	3.37	7.0	18.8	5	8.46	7.71	-	0		pH Adjusted
J4352-01DUP	2					20	8.43	7.67	-	0		
J4352-01DUP	3					50	8.27	7.17	-	0		
J4352-01DUP	4					150	7.86	6.46	-	0		

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.

2397114

WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOD080318

WorkList ID : 115264

Date : 8/3/2018 1:14:11 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
08/04/2018	Water	J4341-01	BOD5	Cool 4 deg C	TRIS02	Q31	DSN001-SEWER-OUTLET-00	08/02/2018	SM5210 B
08/04/2018	Water	J4341-02	BOD5	Cool 4 deg C	TRIS02	Q31	DSN002-SEWER-OUTLET-00	08/02/2018	SM5210 B
08/05/2018	Water	J4352-01	BOD5	Cool 4 deg C	SEAC01	Q32	GROUNDWATER	08/03/2018	SM5210 B

Date/Time

Received by:

Relinquished by:

Date/Time

Received by:

Relinquished by: