



## BOD Soluble LOG

QC BATCH ID: LB94382

BOD Water: WP63404

Starch: W2121

Conc Sulfuric Acid: W2151

POLYSEED: W63406

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: 8.20 & After Reading Using DO Meter: 2.19

Calibrate DO meter with average reading: 8.2



QC BATCH ID: LB94382

INCUBATOR TEMP IN(C): 20.3

TIME IN: 15:30

DATE IN: 04/04/2018

INCUBATOR TEMP OUT(C): 20.4

TIME OUT: 11:00

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             |         |
| J2206-01     | 1          | No       | 6.4        | N/A      | 18.7    | 2             | 7.45          | 6.72        | -         | 0                 | 4.35              |         |
| J2206-01     | 2          |          |            |          |         | 10            | 7.44          | 5.63        | -         | 0                 |                   |         |
| J2206-01     | 3          |          |            |          |         | 50            | 7.43          | 5.60        | -         | 0                 |                   |         |
| J2206-01     | 4          |          |            |          |         | 100           | 7.38          | 5.21        | 2.17      | 4.35              |                   |         |
| J2206-01DUP  | 1          | No       | 6.4        | N/A      | 18.7    | 2             | 7.46          | 6.73        | -         | 0                 | 4.44              |         |
| J2206-01DUP  | 2          |          |            |          |         | 10            | 7.44          | 5.65        | -         | 0                 |                   |         |
| J2206-01DUP  | 3          |          |            |          |         | 50            | 7.42          | 5.59        | -         | 0                 |                   |         |
| J2206-01DUP  | 4          |          |            |          |         | 100           | 7.40          | 5.20        | 2.2       | 4.44              |                   |         |

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

# WORKLIST(Hardcopy Internal Chain)

LB44382

WorkList Name : SBOD040418

WorkList ID : 110395

Date : 4/4/2018 10:49:19 AM

| Due Date   | Matrix | Sample   | Test        | Preservative | Customer | Storage Location | Customer Sample    | Collect Date | Method   |
|------------|--------|----------|-------------|--------------|----------|------------------|--------------------|--------------|----------|
| 04/05/2018 | Water  | J2206-01 | BOD Soluble | Cool 4 deg C | M&MM01   | L61              | FINAL-EFFLUENT-19C | 04/03/2018   | SM5210 B |

Date/Time 04/04/18 14:20  
 Received by: IB  
 Relinquished by: SB

Date/Time 04/04/18 16:00  
 Received by: SB  
 Relinquished by: IB