



## CBOD5 LOG

QC BATCH ID: LB94455BOD Water: WP63482Starch: W2121Conc Sulfuric Acid: W2151POLYSEED: WP63483GGA: WP63484Chlorine Strips: W2068pH Strips: W2350Analysis Date: 04/06/2018ANALYST: IndianaSUPERVISOR: apatelMANGANOUS SULFATE SOLUTION: W2191Alkaline Iodide Azide: W2241Sodium Thiosulfate, 0.025N: W2276NaOH, 0.25N: WP62942Incubator ID: Incubator-3Nitrification Inhibitor: W2096

| Lab Sample ID |                  | Bottle No. | VOL. ML | Initial Reading (ML) | Final Reading (ML) | Difference | Average |
|---------------|------------------|------------|---------|----------------------|--------------------|------------|---------|
| WINKLER       | (Dilution Water) | 1          | 300     | 0.0                  | 8.7                | 8.7        | 8.85    |
| WINKLER       | (Dilution Water) | 2          | 300     | 8.7                  | 17.7               | 9          |         |

BOD Dilution Water Before Reading Using DO Meter: 8.83 & After Reading Using DO Meter: 8.83Calibrate DO meter with average reading: 8.85

QC BATCH ID: LB94455INCUBATOR TEMP IN(C): 20.4INCUBATOR TEMP OUT(C): 20.5TIME IN: 17:50TIME OUT: 11:55DATE IN: 04/06/2018DATE OUT: 04/11/2018

| 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            | 8.82          | 5.30        | 3.52      | 0.7               | 0.64              |             |
| POLYSEED     | 2          |          |            |          |         | 15            | 8.78          | 4.23        | 4.55      | 0.61              |                   |             |
| POLYSEED     | 3          |          |            |          |         | 20            | 8.69          | 2.69        | 6         | 0.6               |                   |             |
| GGA          | 1          |          |            |          |         | 6             | 8.83          | 4.72        | 4.11      | 173.5             | 173.5             |             |
| GGA          | 2          |          |            |          |         | 6             | 8.85          | 4.50        | 4.35      | 185.5             | 185.5             |             |
| GGA          | 3          |          |            |          |         | 6             | 8.83          | 4.63        | 4.2       | 178               | 178               |             |
| J2268-01     | 1          | No       | 5.53       | 7.0      | 18.8    | 5             | 8.93          | 8.37        | -         | 0                 |                   | pH Adjusted |
| J2268-01     | 2          |          |            |          |         | 20            | 8.93          | 8.32        | -         | 0                 |                   |             |
| J2268-01     | 3          |          |            |          |         | 50            | 8.80          | 8.20        | -         | 0                 |                   |             |
| J2268-01     | 4          |          |            |          |         | 150           | 8.35          | 7.45        | -         | 0                 |                   |             |
| J2268-02     | 1          | No       | 7.03       | N/A      | 18.9    | 5             | 8.69          | 7.89        | -         | 0                 |                   |             |
| J2268-02     | 2          |          |            |          |         | 20            | 8.50          | 8.15        | -         | 0                 |                   |             |
| J2268-02     | 3          |          |            |          |         | 50            | 8.45          | 7.82        | -         | 0                 |                   |             |
| J2268-02     | 4          |          |            |          |         | 150           | 8.41          | 7.01        | -         | 0                 |                   |             |
| J2268-02DUP  | 1          | No       | 7.03       | N/A      | 18.9    | 5             | 8.67          | 8.17        | -         | 0                 |                   |             |
| J2268-02DUP  | 2          |          |            |          |         | 20            | 8.53          | 7.91        | -         | 0                 |                   |             |
| J2268-02DUP  | 3          |          |            |          |         | 50            | 8.46          | 7.85        | -         | 0                 |                   |             |
| J2268-02DUP  | 4          |          |            |          |         | 150           | 8.42          | 7.03        | -         | 0                 |                   |             |

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

# WORKLIST(Hardcopy Internal Chain)

2B94455

WorkList Name : CBOD040618

WorkList ID : 110534

Date : 4/6/2018 1:44:54 PM

| Due Date   | Matrix | Sample   | Test  | Preservative | Customer | Storage Location | Customer Sample | Collect Date | Method   |
|------------|--------|----------|-------|--------------|----------|------------------|-----------------|--------------|----------|
| 04/08/2018 | Water  | J2268-01 | CBOD5 | Cool 4 deg C | DIST01   | L21              | MH-92A          | 04/06/2018   | SM5210 B |
| 04/08/2018 | Water  | J2268-02 | CBOD5 | Cool 4 deg C | DIST01   | L21              | MH-33           | 04/06/2018   | SM5210 B |

Date/Time 04/06/18 15:50

Received by: IB

Relinquished by: CB

Date/Time 04/06/18 18:06

Received by: IB

Relinquished by: IB