



## BOD5 LOG

QC BATCH ID: LB85763

Analysis Date: 02/10/2017

BOD Water: WP52833

ANALYST: JIGNESH

Starch: W2121

SUPERVISOR: apatel

Conc Sulfuric Acid: W2151

MANGANOUS SULFATE SOLUTION: W2191

POLYSEED: WP52835

Alkaline Iodide Azide: W2035

GGA: WP52834

Sodium Thiosulfate, 0.025N: W2169

NaOH, 0.25N: WP49475

| Lab Sample ID            | Bottle No. | VOL. ML | Initial Reading (ML) | Final Reading (ML) | Difference | Average |
|--------------------------|------------|---------|----------------------|--------------------|------------|---------|
| WINKLER (Dilution Water) | 1          | 300     | 0.0                  | 8.0                | 8          | 8.15    |
| WINKLER (Dilution Water) | 2          | 300     | 8.0                  | 16.3               | 8.3        |         |

BOD Dilution Water Before Reading Using DO Meter: 8.15 & After Reading Using DO Meter: 8.15

Calibrate DO meter with average reading: 8.15

QC BATCH ID: LB85763

INCUBATOR TEMP IN(C): 20.3

INCUBATOR TEMP OUT(C): 20.4

TIME IN: 12:30

TIME OUT: 11:00

DATE IN: 02/10/2017

DATE OUT: 02/15/2017

| 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            | 8.14          | 5.38        | 2.76      | 0.55              | 0.53              |         |
| POLYSEED     | 2          |          |            |          |         | 15            | 8.12          | 4.18        | 3.94      | 0.53              |                   |         |
| POLYSEED     | 3          |          |            |          |         | 20            | 8.14          | 2.96        | 5.18      | 0.52              |                   |         |
| GGA          | 1          |          |            |          |         | 6             | 8.08          | 3.54        | 4.54      | 200.5             | 200.5             |         |
| GGA          | 2          |          |            |          |         | 6             | 8.07          | 3.29        | 4.78      | 212.5             | 212.5             |         |
| GGA          | 3          |          |            |          |         | 6             | 8.10          | 3.80        | 4.3       | 188.5             | 188.5             |         |
| I1775-01     | 1          | No       | 7.0        |          | 18.2    | 5             | 8.14          | 7.41        | -         | 0                 | 5.1               |         |
| I1775-01     | 2          |          |            |          |         | 10            | 8.12          | 7.34        | -         | 0                 |                   |         |
| I1775-01     | 3          |          |            |          |         | 50            | 7.90          | 6.14        | -         | 0                 |                   |         |
| I1775-01     | 4          |          |            |          |         | 100           | 7.75          | 5.52        | 2.23      | 5.1               |                   |         |
| I1775-01DUP  | 1          | No       | 7.0        |          | 18.2    | 5             | 8.13          | 7.40        | -         | 0                 | 5.22              |         |
| I1775-01DUP  | 2          |          |            |          |         | 10            | 8.13          | 7.35        | -         | 0                 |                   |         |
| I1775-01DUP  | 3          |          |            |          |         | 50            | 7.92          | 6.16        | -         | 0                 |                   |         |
| I1775-01DUP  | 4          |          |            |          |         | 100           | 7.72          | 5.45        | 2.27      | 5.22              |                   |         |
| I1775-02     | 1          | No       | 7.0        |          | 18.2    | 1             | 8.14          | 6.95        | -         | 0                 |                   |         |
| I1775-02     | 2          |          |            |          |         | 5             | 8.13          | 7.39        | -         | 0                 |                   |         |
| I1775-02     | 3          |          |            |          |         | 10            | 8.10          | 7.22        | -         | 0                 |                   |         |
| I1775-02     | 4          |          |            |          |         | 50            | 7.85          | 5.88        | -         | 0                 |                   |         |

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

1885763

WORKLIST(Hardcopy Internal Chain)

WorkList Name : bod i1775

WorkList ID : 95508

Date : 2/10/2017 11:03:35 AM

| Due Date | Matrix | Sample   | Test | Preservative | Customer | Storage Location | Customer Sample         | Collect Date | Method   |
|----------|--------|----------|------|--------------|----------|------------------|-------------------------|--------------|----------|
|          | Water  | I1775-01 | BOD5 | Cool 4 deg C | TULL01   | H23              | 001M-WILLETS-PTBLVD(FEB | 02/08/2017   | SM5210 B |
|          | Water  | I1775-02 | BOD5 | Cool 4 deg C | TULL01   | H23              | 002M-35THAVE(FEB)       | 02/08/2017   | SM5210 B |

Date/Time 02/10/17 11:03 AM  
Received by: JP  
Relinquished by:

Date/Time 02/10/17 21:00 PM  
Received by: JP  
Relinquished by: JP