



## BOD Soluble LOG

Analysis Date: 07/06/2020

QC BATCH ID: LB109890

ANALYST: Alexander

BOD Water: WP85199

SUPERVISOR: apatel

Starch: W2703

MANGANOUS SULFATE SOLUTION: W2520

Conc Sulfuric Acid: W2609

Alkaline Iodide Azide: W2472

POLYSEED: WP85200

Sodium Thiosulfate, 0.025N: WP84605

GGA: WP85201

NaOH, 0.25N: WP80974

Chlorine Strips: W2543

IncubatorID: INCUBATOR #3

pH Strips: W2716

Zero DO: WP81261

| Lab SampleID | Client ID | Bottle No. | VOL. ML | Initial Reading (ML) | Final Reading (ML) | Difference | Average |
|--------------|-----------|------------|---------|----------------------|--------------------|------------|---------|
| WINKLER 1    | WINKLER 1 | 1          | 300     | 0.0                  | 8.9                | 8.9        | 8.8     |
| WINKLER 2    | WINKLER 2 | 2          | 300     | 8.9                  | 17.6               | 8.7        | 8.8     |

Meter Calibration1 : 8.80

Zero DO Reading1 : 0.05 mg/L ( $\leq 0.2$  Criteria)

### After Incubation

Meter Calibration2 : 8.80

Zero DO Reading2 : 0.04 mg/L ( $\leq 0.2$  Criteria)



QC BATCH ID: LB109890

INCUBATOR TEMP IN(C): 20.4

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 16:10

TIME OUT: 10:20

DATE IN: 07/06/2020

DATE OUT: 07/11/2020

| 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 |
|--------------|------------|----------|------------|----------|---------|---------------|---------------|-------------|-----------|-------------------|-------------------|---------|
| LB109890BL   | 1          | No       | 6.0        | N/A      | 22.40   | 300           | 8.80          | 8.71        | 0.09      | 0.09              | 0.09              |         |
| POLYSEED     | 1          |          |            |          |         | 10            | 8.75          | 4.78        | 3.97      | 0.79              | 0.75              |         |
| POLYSEED     | 2          |          |            |          |         | 15            | 8.71          | 3.17        | 5.54      | 0.74              |                   |         |
| POLYSEED     | 3          |          |            |          |         | 20            | 8.69          | 1.60        | 7.09      | 0.71              |                   |         |
| GGA          | 1          |          |            |          |         | 6             | 8.70          | 4.19        | 4.51      | 188               | 188               |         |
| GGA          | 2          |          |            |          |         | 6             | 8.70          | 3.93        | 4.77      | 201               | 201               |         |
| GGA          | 3          |          |            |          |         | 6             | 8.69          | 3.84        | 4.85      | 205               | 205               |         |
| L3219-01     | 1          | No       | 7.6        | N/A      | 22.10   | 2             | 8.73          | 7.79        | -         | 0                 | 48.69             |         |
| L3219-01     | 2          |          |            |          |         | 10            | 8.69          | 5.83        | 2.86      | 63.3              |                   |         |
| L3219-01     | 3          |          |            |          |         | 50            | 8.67          | 2.24        | 6.43      | 34.08             |                   |         |
| L3219-01     | 4          |          |            |          |         | 100           | 8.60          | 0.20        | -         | 0                 |                   |         |
| L3219-01DUP  | 1          | No       | 7.6        | N/A      | 22.10   | 2             | 8.74          | 7.70        | -         | 0                 | 49.53             |         |
| L3219-01DUP  | 2          |          |            |          |         | 10            | 8.70          | 5.79        | 2.91      | 64.8              |                   |         |
| L3219-01DUP  | 3          |          |            |          |         | 50            | 8.66          | 2.20        | 6.46      | 34.26             |                   |         |
| L3219-01DUP  | 4          |          |            |          |         | 100           | 8.60          | 0.23        | -         | 0                 |                   |         |

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

LB109890  
WORKLIST(Hardcopy Internal Chain)

WorkList Name : BOSsoluble-70620      WorkList ID : 140171      Department : Wet-Chemistry      Date : 07-06-2020 10:10:18

| Due Date   | Matrix | Sample    | Test        | Preservative | Customer | Storage Location | Customer Sample | Collect Date | Method   |
|------------|--------|-----------|-------------|--------------|----------|------------------|-----------------|--------------|----------|
| 07/08/2020 | Water  | L3219-01B | BOD Soluble | Cool 4 deg C | M&MM01   | P41              | FE-19C-SOLUBLE  | 07/06/2020   | SM5210 B |

Date/Time 7/06/2020 14:50  
 Received by: Amr Awateh  
 Relinquished by: 78 Awateh (nm)

Date/Time 7/06/2020 16:30  
 Received by: 78 Awateh (nm)  
 Relinquished by: Amr Awateh