



E3 Laboratories Inc.

SS#4, 360 York Rd., Unit 10, Niagara-on-the-Lake, Ontario L0S 1J0

Email: info@e3labs.ca

Tel: (905) 641-9000, Fax: (905) 641-9001

CERTIFICATE OF ANALYSIS

Thorold (Decew) Distribution System
 Joe Colasurdo
 3540 Schmon Parkway, PO Box 1044
 Thorold
 L2V 4A7
 Tel: 905-227-3535 Fax: 905-227-3666
Email:

Work Order No.:2572792
 Received : 2018-01-02
 PO Number:
 Reported: 2018-01-04
 Project Name:
 Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|-----------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 207 Keefer Road | 2018-01-02 | 526762 | E.coli | 0 | CFU/100mL | 0 | 2018-01-02 | MOE E3407 |
| | | | Free Cl | 0.69 | mg/L | 0.01 | 2018-01-02 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-01-02 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-02 | MOE E3407 |
| 206 Richmond Street | 2018-01-02 | 526763 | E.coli | 0 | CFU/100mL | 0 | 2018-01-02 | MOE E3407 |
| | | | Free Cl | 0.74 | mg/L | 0.01 | 2018-01-02 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-01-02 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-02 | MOE E3407 |
| 70 Front Street N | 2018-01-02 | 526764 | E.coli | 0 | CFU/100mL | 0 | 2018-01-02 | MOE E3407 |
| | | | Free Cl | 1.19 | mg/L | 0.01 | 2018-01-02 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-02 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-02 | MOE E3407 |
| 21 Queen St South | 2018-01-02 | 526765 | E.coli | 0 | CFU/100mL | 0 | 2018-01-02 | MOE E3407 |
| | | | Free Cl | 1.04 | mg/L | 0.01 | 2018-01-02 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-02 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-02 | MOE E3407 |
| 3250 Schmon Parkway | 2018-01-02 | 526766 | E.coli | 0 | CFU/100mL | 0 | 2018-01-02 | MOE E3407 |
| | | | Free Cl | 0.63 | mg/L | 0.01 | 2018-01-02 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-01-02 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-02 | MOE E3407 |
| 543 Allanburg Road | 2018-01-02 | 526767 | E.coli | 0 | CFU/100mL | 0 | 2018-01-02 | MOE E3407 |
| | | | Free Cl | 0.75 | mg/L | 0.01 | 2018-01-02 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-02 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-02 | MOE E3407 |
| 13210 Hwy #20 | 2018-01-02 | 526768 | E.coli | 0 | CFU/100mL | 0 | 2018-01-02 | MOE E3407 |
| | | | Free Cl | 0.87 | mg/L | 0.01 | 2018-01-02 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-02 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-02 | MOE E3407 |
| 1543 Beaverdams Road | 2018-01-02 | 526769 | E.coli | 0 | CFU/100mL | 0 | 2018-01-02 | MOE E3407 |
| | | | Free Cl | 0.66 | mg/L | 0.01 | 2018-01-02 | Field |
| | | | HPC | 2 | CFU/mL | 0 | 2018-01-02 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-02 | MOE E3407 |

Reported by:

 Nilou Ghazi, Ph.D.,P.Eng.
 Laboratory Manager

All work has been performed using accepted testing methodologies, except where otherwise agreed to by the client in writing. Our total liability in connection with this work shall be limited to the amount paid by the client. Results relate only to items tested as received.



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CERTIFICATE OF ANALYSIS

Thorold (Decew) Distribution System
Joe Colasurdo
3540 Schmon Parkway, PO Box 1044
Thorold
L2V 4A7

Tel: 905-227-3535

Fax: 905-227-3666

Email:

Work Order No.:2572792

Received : 2018-01-02

PO Number:

Reported: 2018-01-04

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager

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 3540 Schmon Parkway, PO Box 1044
 Thorold
 L2V 4A7
 Tel: 905-227-3535 Fax: 905-227-3666
Email:

Work Order No.:2573114
 Received : 2018-01-09
 PO Number:
 Reported: 2018-01-12
 Project Name:
 Chain of Custody No.: 2573114

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|-----------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 207 Keefer Road | 2018-01-09 | 527911 | E.coli | 0 | CFU/100mL | 0 | 2018-01-10 | MOE E3407 |
| | | | Free Cl | 0.64 | mg/L | 0.01 | 2018-01-10 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-10 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-10 | MOE E3407 |
| 206 Richmond Street | 2018-01-09 | 527912 | E.coli | 0 | CFU/100mL | 0 | 2018-01-10 | MOE E3407 |
| | | | Free Cl | 1.04 | mg/L | 0.01 | 2018-01-10 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-10 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-10 | MOE E3407 |
| 70 Front Street N | 2018-01-09 | 527913 | E.coli | 0 | CFU/100mL | 0 | 2018-01-10 | MOE E3407 |
| | | | Free Cl | 1.11 | mg/L | 0.01 | 2018-01-10 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-10 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-10 | MOE E3407 |
| 21 Queen St South | 2018-01-09 | 527914 | E.coli | 0 | CFU/100mL | 0 | 2018-01-10 | MOE E3407 |
| | | | Free Cl | 0.90 | mg/L | 0.01 | 2018-01-10 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-10 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-10 | MOE E3407 |
| 3250 Schmon Parkway | 2018-01-09 | 527915 | E.coli | 0 | CFU/100mL | 0 | 2018-01-10 | MOE E3407 |
| | | | Free Cl | 0.48 | mg/L | 0.01 | 2018-01-10 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-10 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-10 | MOE E3407 |
| 543 Allanburg Road | 2018-01-09 | 527916 | E.coli | 0 | CFU/100mL | 0 | 2018-01-10 | MOE E3407 |
| | | | Free Cl | 0.60 | mg/L | 0.01 | 2018-01-10 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-10 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-10 | MOE E3407 |
| 13210 Hwy #20 | 2018-01-09 | 527917 | E.coli | 0 | CFU/100mL | 0 | 2018-01-10 | MOE E3407 |
| | | | Free Cl | 0.93 | mg/L | 0.01 | 2018-01-10 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-01-10 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-10 | MOE E3407 |
| 1543 Beaverdams Road | 2018-01-09 | 527918 | E.coli | 0 | CFU/100mL | 0 | 2018-01-10 | MOE E3407 |
| | | | Free Cl | 0.68 | mg/L | 0.01 | 2018-01-10 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-10 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-10 | MOE E3407 |

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 Laboratory Manager



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Joe Colasurdo
3540 Schmon Parkway, PO Box 1044
Thorold
L2V 4A7

Tel: 905-227-3535

Fax: 905-227-3666

Email:

Work Order No.:2573114

Received : 2018-01-09

PO Number:

Reported: 2018-01-12

Project Name:

Chain of Custody No.: 2573114

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Joe Colasurdo
3540 Schmon Parkway, PO Box 1044
Thorold
L2V 4A7

Tel: 905-227-3535

Fax: 905-227-3666

Email:

Work Order No.:2573209

Received : 2018-01-11

PO Number:

Reported: 2018-01-12

Project Name: Watermain Break 147 Clara
St Jan 10/18

Chain of Custody No.: 2573209

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|--------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | |
| Upstm of Hydrant W-8-28 | 2018-01-11 | 528152 | E.coli | 0 | CFU/100mL | 0 | 2018-01-11 | MOE E3407 |
| | | | Free Cl | 0.83 | mg/L | 0.01 | 2018-01-11 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-11 | MOE E3407 |
| Dwnstrm of Hyd-W-8-27 | 2018-01-11 | 528153 | E.coli | 0 | CFU/100mL | 0 | 2018-01-11 | MOE E3407 |
| | | | Free Cl | 0.85 | mg/L | 0.01 | 2018-01-11 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-11 | MOE E3407 |

Reported by:

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 Joe Colasurdo
 3540 Schmon Parkway, PO Box 1044
 Thorold
 L2V 4A7
 Tel: 905-227-3535 Fax: 905-227-3666
Email:

Work Order No.:2573384
 Received : 2018-01-16
 PO Number:
 Reported: 2018-01-19
 Project Name:
 Chain of Custody No.: 2573384

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|-----------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 207 Keefer Road | 2018-01-16 | 528747 | E.coli | 0 | CFU/100mL | 0 | 2018-01-17 | MOE E3407 |
| | | | Free Cl | 0.49 | mg/L | 0.01 | 2018-01-17 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-17 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-17 | MOE E3407 |
| 206 Richmond Street | 2018-01-16 | 528748 | E.coli | 0 | CFU/100mL | 0 | 2018-01-17 | MOE E3407 |
| | | | Free Cl | 0.81 | mg/L | 0.01 | 2018-01-17 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-17 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-17 | MOE E3407 |
| 70 Front Street N | 2018-01-16 | 528749 | E.coli | 0 | CFU/100mL | 0 | 2018-01-17 | MOE E3407 |
| | | | Free Cl | 0.97 | mg/L | 0.01 | 2018-01-17 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-17 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-17 | MOE E3407 |
| 21 Queen St South | 2018-01-16 | 528750 | E.coli | 0 | CFU/100mL | 0 | 2018-01-17 | MOE E3407 |
| | | | Free Cl | 0.76 | mg/L | 0.01 | 2018-01-17 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-17 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-17 | MOE E3407 |
| 3250 Schmon Parkway | 2018-01-16 | 528751 | E.coli | 0 | CFU/100mL | 0 | 2018-01-17 | MOE E3407 |
| | | | Free Cl | 0.64 | mg/L | 0.01 | 2018-01-17 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-17 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-17 | MOE E3407 |
| 543 Allanburg Road | 2018-01-16 | 528752 | E.coli | 0 | CFU/100mL | 0 | 2018-01-17 | MOE E3407 |
| | | | Free Cl | 0.74 | mg/L | 0.01 | 2018-01-17 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-01-17 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-17 | MOE E3407 |
| 13210 Hwy #20 | 2018-01-16 | 528753 | E.coli | 0 | CFU/100mL | 0 | 2018-01-17 | MOE E3407 |
| | | | Free Cl | 0.92 | mg/L | 0.01 | 2018-01-17 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-17 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-17 | MOE E3407 |
| 1543 Beaverdams Road | 2018-01-16 | 528754 | E.coli | 0 | CFU/100mL | 0 | 2018-01-17 | MOE E3407 |
| | | | Free Cl | 0.68 | mg/L | 0.01 | 2018-01-17 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-01-17 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-17 | MOE E3407 |

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 Laboratory Manager

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Tel: 905-227-3535

Fax: 905-227-3666

Email:

Work Order No.:2573384

Received : 2018-01-16

PO Number:

Reported: 2018-01-19

Project Name:

Chain of Custody No.: 2573384

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Thorold (Decew) Distribution System
Joe Colasurdo
3540 Schmon Parkway, PO Box 1044
Thorold
L2V 4A7
Tel: 905-227-3535 Fax: 905-227-3666
Email:

Work Order No.:2573647
Received : 2018-01-23
PO Number:
Reported: 2018-01-26
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|-----------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 207 Keefer Road | 2018-01-23 | 529552 | E.coli | 0 | CFU/100mL | 0 | 2018-01-24 | MOE E3407 |
| | | | Free Cl | 0.57 | mg/L | 0.01 | 2018-01-24 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-24 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-24 | MOE E3407 |
| 206 Richmond Street | 2018-01-23 | 529553 | E.coli | 0 | CFU/100mL | 0 | 2018-01-24 | MOE E3407 |
| | | | Free Cl | 0.78 | mg/L | 0.01 | 2018-01-24 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-24 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-24 | MOE E3407 |
| 70 Front Street N | 2018-01-23 | 529554 | E.coli | 0 | CFU/100mL | 0 | 2018-01-24 | MOE E3407 |
| | | | Free Cl | 0.78 | mg/L | 0.01 | 2018-01-24 | Field |
| | | | HPC | 7 | CFU/mL | 0 | 2018-01-24 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-24 | MOE E3407 |
| 21 Queen St South | 2018-01-23 | 529555 | E.coli | 0 | CFU/100mL | 0 | 2018-01-24 | MOE E3407 |
| | | | Free Cl | 0.84 | mg/L | 0.01 | 2018-01-24 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-24 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-24 | MOE E3407 |
| 3250 Schmon Parkway | 2018-01-23 | 529556 | E.coli | 0 | CFU/100mL | 0 | 2018-01-24 | MOE E3407 |
| | | | Free Cl | 0.49 | mg/L | 0.01 | 2018-01-24 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-24 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-24 | MOE E3407 |
| 543 Allanburg Road | 2018-01-23 | 529557 | E.coli | 0 | CFU/100mL | 0 | 2018-01-24 | MOE E3407 |
| | | | Free Cl | 0.51 | mg/L | 0.01 | 2018-01-24 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-24 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-24 | MOE E3407 |
| 13210 Hwy #20 | 2018-01-23 | 529558 | E.coli | 0 | CFU/100mL | 0 | 2018-01-24 | MOE E3407 |
| | | | Free Cl | 0.89 | mg/L | 0.01 | 2018-01-24 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-24 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-24 | MOE E3407 |
| 1543 Beaverdams Road | 2018-01-23 | 529559 | E.coli | 0 | CFU/100mL | 0 | 2018-01-24 | MOE E3407 |
| | | | Free Cl | 0.58 | mg/L | 0.01 | 2018-01-24 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-01-24 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-24 | MOE E3407 |

Reported by:

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Laboratory Manager

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Work Order No.:2573647

Received : 2018-01-23

PO Number:

Reported: 2018-01-26

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

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Laboratory Manager



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 3540 Schmon Parkway, PO Box 1044
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 L2V 4A7
 Tel: 905-227-3535 Fax: 905-227-3666
Email:

Work Order No.:2573881
 Received : 2018-01-30
 PO Number:
 Reported: 2018-02-02
 Project Name:
 Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|-----------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 207 Keefer Road | 2018-01-30 | 530309 | E.coli | 0 | CFU/100mL | 0 | 2018-01-31 | MOE E3407 |
| | | | Free Cl | 0.87 | mg/L | 0.01 | 2018-01-31 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-31 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-31 | MOE E3407 |
| 206 Richmond Street | 2018-01-30 | 530310 | E.coli | 0 | CFU/100mL | 0 | 2018-01-31 | MOE E3407 |
| | | | Free Cl | 0.92 | mg/L | 0.01 | 2018-01-31 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-31 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-31 | MOE E3407 |
| 70 Front Street N | 2018-01-30 | 530311 | E.coli | 0 | CFU/100mL | 0 | 2018-01-31 | MOE E3407 |
| | | | Free Cl | 1.05 | mg/L | 0.01 | 2018-01-31 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-31 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-31 | MOE E3407 |
| 21 Queen St South | 2018-01-30 | 530312 | E.coli | 0 | CFU/100mL | 0 | 2018-01-31 | MOE E3407 |
| | | | Free Cl | 0.97 | mg/L | 0.01 | 2018-01-31 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-31 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-31 | MOE E3407 |
| 3250 Schmon Parkway | 2018-01-30 | 530313 | E.coli | 0 | CFU/100mL | 0 | 2018-01-31 | MOE E3407 |
| | | | Free Cl | 0.62 | mg/L | 0.01 | 2018-01-31 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-31 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-31 | MOE E3407 |
| 543 Allanburg Road | 2018-01-30 | 530314 | E.coli | 0 | CFU/100mL | 0 | 2018-01-31 | MOE E3407 |
| | | | Free Cl | 0.80 | mg/L | 0.01 | 2018-01-31 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-31 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-31 | MOE E3407 |
| 13210 Hwy #20 | 2018-01-30 | 530315 | E.coli | 0 | CFU/100mL | 0 | 2018-01-31 | MOE E3407 |
| | | | Free Cl | 0.92 | mg/L | 0.01 | 2018-01-31 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-31 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-31 | MOE E3407 |
| 1543 Beaverdams Road | 2018-01-30 | 530316 | E.coli | 0 | CFU/100mL | 0 | 2018-01-31 | MOE E3407 |
| | | | Free Cl | 0.86 | mg/L | 0.01 | 2018-01-31 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-01-31 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-01-31 | MOE E3407 |

Reported by:

 Nilou Ghazi, Ph.D.,P.Eng.
 Laboratory Manager

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Joe Colasurdo
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Thorold
L2V 4A7

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Fax: 905-227-3666

Email:

Work Order No.:2573881

Received : 2018-01-30

PO Number:

Reported: 2018-02-02

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Work Order No.:2573949
Received : 2018-02-01
PO Number:
Reported: 2018-02-02
Project Name: Water Main Break @ 100
St. Davids
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|----------------------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| Upstream of Watermain Br | 2018-02-01 | 530452 | E.coli | 0 | CFU/100mL | 0 | 2018-02-01 | MOE E3407 |
| | | | Free Cl | 0.35 | mg/L | 0.01 | 2018-02-01 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-01 | MOE E3407 |
| Downstream of Watermain E | 2018-02-01 | 530453 | E.coli | 0 | CFU/100mL | 0 | 2018-02-01 | MOE E3407 |
| | | | Free Cl | 0.54 | mg/L | 0.01 | 2018-02-01 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-01 | MOE E3407 |

Reported by:

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Email:

Work Order No.:2574138
Received : 2018-02-06
PO Number:
Reported: 2018-02-09
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|-----------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 207 Keefer Road | 2018-02-06 | 531145 | E.coli | 0 | CFU/100mL | 0 | 2018-02-07 | MOE E3407 |
| | | | Free Cl | 0.66 | mg/L | 0.01 | 2018-02-07 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-02-07 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-07 | MOE E3407 |
| 206 Richmond Street | 2018-02-06 | 531146 | E.coli | 0 | CFU/100mL | 0 | 2018-02-07 | MOE E3407 |
| | | | Free Cl | 1.13 | mg/L | 0.01 | 2018-02-07 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-02-07 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-07 | MOE E3407 |
| 70 Front Street N | 2018-02-06 | 531147 | E.coli | 0 | CFU/100mL | 0 | 2018-02-07 | MOE E3407 |
| | | | Free Cl | 1.17 | mg/L | 0.01 | 2018-02-07 | Field |
| | | | HPC | 36 | CFU/mL | 0 | 2018-02-07 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-07 | MOE E3407 |
| 21 Queen St South | 2018-02-06 | 531148 | E.coli | 0 | CFU/100mL | 0 | 2018-02-07 | MOE E3407 |
| | | | Free Cl | 0.85 | mg/L | 0.01 | 2018-02-07 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-02-07 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-07 | MOE E3407 |
| 3250 Schmon Parkway | 2018-02-06 | 531149 | E.coli | 0 | CFU/100mL | 0 | 2018-02-07 | MOE E3407 |
| | | | Free Cl | 0.58 | mg/L | 0.01 | 2018-02-07 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-02-07 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-07 | MOE E3407 |
| 543 Allanburg Road | 2018-02-06 | 531150 | E.coli | 0 | CFU/100mL | 0 | 2018-02-07 | MOE E3407 |
| | | | Free Cl | 0.73 | mg/L | 0.01 | 2018-02-07 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-02-07 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-07 | MOE E3407 |
| 13210 Hwy #20 | 2018-02-06 | 531151 | E.coli | 0 | CFU/100mL | 0 | 2018-02-07 | MOE E3407 |
| | | | Free Cl | 0.86 | mg/L | 0.01 | 2018-02-07 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-02-07 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-07 | MOE E3407 |
| 1543 Beaverdams Road | 2018-02-06 | 531152 | E.coli | 0 | CFU/100mL | 0 | 2018-02-07 | MOE E3407 |
| | | | Free Cl | 0.83 | mg/L | 0.01 | 2018-02-07 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-02-07 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-07 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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Joe Colasurdo

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Thorold

L2V 4A7

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Email:

Work Order No.:2574138

Received : 2018-02-06

PO Number:

Reported: 2018-02-09

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Work Order No.:2574205

Received : 2018-02-08

PO Number:

Reported: 2018-02-16

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|-----------------------|------------|---------------|-----------------------|--------|----------|-----|------------|---------------|
| | Date | Lab ID | | | | | Analyzed | |
| Schmon Parkway | 2018-02-08 | 531282 | HAA (Haloacetic Acid) | See | Attached | N/A | 2018-02-16 | Subcontracted |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Work Order No.:2574208

Received : 2018-02-08

PO Number:

Reported: 2018-02-13

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|-------------------------------|------------|---------------|-----------------|--------|----------|-----|------------|---------------|
| | Date | Lab ID | | | | | Analyzed | |
| Allanport & Hwy 20 | 2018-02-08 | 531285 | Trihalomethanes | See | Attached | N/A | 2018-02-13 | Subcontracted |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Work Order No.:2574395
 Received : 2018-02-13
 PO Number:
 Reported: 2018-02-16
 Project Name:
 Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|-----------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 207 Keefer Road | 2018-02-13 | 531935 | E.coli | 0 | CFU/100mL | 0 | 2018-02-14 | MOE E3407 |
| | | | Free Cl | 0.69 | mg/L | 0.01 | 2018-02-14 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-02-14 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-14 | MOE E3407 |
| 206 Richmond Street | 2018-02-13 | 531936 | E.coli | 0 | CFU/100mL | 0 | 2018-02-14 | MOE E3407 |
| | | | Free Cl | 1.10 | mg/L | 0.01 | 2018-02-14 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-02-14 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-14 | MOE E3407 |
| 70 Front Street N | 2018-02-13 | 531937 | E.coli | 0 | CFU/100mL | 0 | 2018-02-14 | MOE E3407 |
| | | | Free Cl | 1.19 | mg/L | 0.01 | 2018-02-14 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-02-14 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-14 | MOE E3407 |
| 21 Queen St South | 2018-02-13 | 531938 | E.coli | 0 | CFU/100mL | 0 | 2018-02-14 | MOE E3407 |
| | | | Free Cl | 1.06 | mg/L | 0.01 | 2018-02-14 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-02-14 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-14 | MOE E3407 |
| 3250 Schmon Parkway | 2018-02-13 | 531939 | E.coli | 0 | CFU/100mL | 0 | 2018-02-14 | MOE E3407 |
| | | | Free Cl | 0.82 | mg/L | 0.01 | 2018-02-14 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-02-14 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-14 | MOE E3407 |
| 543 Allanburg Road | 2018-02-13 | 531940 | E.coli | 0 | CFU/100mL | 0 | 2018-02-14 | MOE E3407 |
| | | | Free Cl | 0.79 | mg/L | 0.01 | 2018-02-14 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-02-14 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-14 | MOE E3407 |
| 13210 Hwy #20 | 2018-02-13 | 531941 | E.coli | 0 | CFU/100mL | 0 | 2018-02-14 | MOE E3407 |
| | | | Free Cl | 0.89 | mg/L | 0.01 | 2018-02-14 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-02-14 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-14 | MOE E3407 |
| 1543 Beaverdams Road | 2018-02-13 | 531942 | E.coli | 0 | CFU/100mL | 0 | 2018-02-14 | MOE E3407 |
| | | | Free Cl | 0.82 | mg/L | 0.01 | 2018-02-14 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-02-14 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-14 | MOE E3407 |

Reported by:

 Nilou Ghazi, Ph.D.,P.Eng.
 Laboratory Manager

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L2V 4A7
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Work Order No.:2574395
Received : 2018-02-13
PO Number:
Reported: 2018-02-16
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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Email:

Work Order No.:2574544
Received : 2018-02-20
PO Number:
Reported: 2018-02-21
Project Name: Watermain Break
Chain of Custody No.:

| Client Sample ID | Sample Date | Lab ID | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|---------------------------------|-------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| 78 Ormond St. S February 16/18 | | | | | | | | |
| Upstrm W/M Break-Hyd W-6 | 2018-02-20 | 532325 | E.coli | 0 | CFU/100mL | 0 | 2018-02-20 | MOE E3407 |
| | | | Free Cl | 0.95 | mg/L | 0.01 | 2018-02-20 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-20 | MOE E3407 |
| <hr/> | | | | | | | | |
| Dwntrm W/M Break-Hyd-W- | 2018-02-20 | 532326 | E.coli | 0 | CFU/100mL | 0 | 2018-02-20 | MOE E3407 |
| | | | Free Cl | 0.94 | mg/L | 0.01 | 2018-02-20 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-20 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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Email:

Work Order No.:2574658
 Received : 2018-02-20
 PO Number:
 Reported: 2018-02-23
 Project Name:
 Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|-----------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 207 Keefer Road | 2018-02-20 | 532755 | E.coli | 0 | CFU/100mL | 0 | 2018-02-21 | MOE E3407 |
| | | | Free Cl | 0.88 | mg/L | 0.01 | 2018-02-21 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-02-21 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-21 | MOE E3407 |
| 206 Richmond Street | 2018-02-20 | 532756 | E.coli | 0 | CFU/100mL | 0 | 2018-02-21 | MOE E3407 |
| | | | Free Cl | 0.91 | mg/L | 0.01 | 2018-02-21 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-02-21 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-21 | MOE E3407 |
| 70 Front Street N | 2018-02-20 | 532757 | E.coli | 0 | CFU/100mL | 0 | 2018-02-21 | MOE E3407 |
| | | | Free Cl | 1.10 | mg/L | 0.01 | 2018-02-21 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-02-21 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-21 | MOE E3407 |
| 21 Queen St South | 2018-02-20 | 532758 | E.coli | 0 | CFU/100mL | 0 | 2018-02-21 | MOE E3407 |
| | | | Free Cl | 0.80 | mg/L | 0.01 | 2018-02-21 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-02-21 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-21 | MOE E3407 |
| 3250 Schmon Parkway | 2018-02-20 | 532759 | E.coli | 0 | CFU/100mL | 0 | 2018-02-21 | MOE E3407 |
| | | | Free Cl | 0.59 | mg/L | 0.01 | 2018-02-21 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-02-21 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-21 | MOE E3407 |
| 543 Allanburg Road | 2018-02-20 | 532760 | E.coli | 0 | CFU/100mL | 0 | 2018-02-21 | MOE E3407 |
| | | | Free Cl | 0.69 | mg/L | 0.01 | 2018-02-21 | Field |
| | | | HPC | 3 | CFU/mL | 0 | 2018-02-21 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-21 | MOE E3407 |
| 13210 Hwy #20 | 2018-02-20 | 532761 | E.coli | 0 | CFU/100mL | 0 | 2018-02-21 | MOE E3407 |
| | | | Free Cl | 0.89 | mg/L | 0.01 | 2018-02-21 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-02-21 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-21 | MOE E3407 |
| 1543 Beaverdams Road | 2018-02-20 | 532762 | E.coli | 0 | CFU/100mL | 0 | 2018-02-21 | MOE E3407 |
| | | | Free Cl | 0.87 | mg/L | 0.01 | 2018-02-21 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-02-21 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-21 | MOE E3407 |

Reported by:

 Nilou Ghazi, Ph.D.,P.Eng.
 Laboratory Manager



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Work Order No.:2574658

Received : 2018-02-20

PO Number:

Reported: 2018-02-23

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager

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Work Order No.:2574915
 Received : 2018-02-27
 PO Number:
 Reported: 2018-03-02
 Project Name:
 Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|-----------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 207 Keefer Road | 2018-02-27 | 533509 | E.coli | 0 | CFU/100mL | 0 | 2018-02-28 | MOE E3407 |
| | | | Free Cl | 0.62 | mg/L | 0.01 | 2018-02-28 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-02-28 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-28 | MOE E3407 |
| 206 Richmond Street | 2018-02-27 | 533510 | E.coli | 0 | CFU/100mL | 0 | 2018-02-28 | MOE E3407 |
| | | | Free Cl | 0.92 | mg/L | 0.01 | 2018-02-28 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-02-28 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-28 | MOE E3407 |
| 70 Front Street N | 2018-02-27 | 533511 | E.coli | 0 | CFU/100mL | 0 | 2018-02-28 | MOE E3407 |
| | | | Free Cl | 1.05 | mg/L | 0.01 | 2018-02-28 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-02-28 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-28 | MOE E3407 |
| 21 Queen St South | 2018-02-27 | 533512 | E.coli | 0 | CFU/100mL | 0 | 2018-02-28 | MOE E3407 |
| | | | Free Cl | 0.87 | mg/L | 0.01 | 2018-02-28 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-02-28 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-28 | MOE E3407 |
| 3250 Schmon Parkway | 2018-02-27 | 533513 | E.coli | 0 | CFU/100mL | 0 | 2018-02-28 | MOE E3407 |
| | | | Free Cl | 0.62 | mg/L | 0.01 | 2018-02-28 | Field |
| | | | HPC | 2 | CFU/mL | 0 | 2018-02-28 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-28 | MOE E3407 |
| 543 Allanburg Road | 2018-02-27 | 533514 | E.coli | 0 | CFU/100mL | 0 | 2018-02-28 | MOE E3407 |
| | | | Free Cl | 0.60 | mg/L | 0.01 | 2018-02-28 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-02-28 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-28 | MOE E3407 |
| 13210 Hwy #20 | 2018-02-27 | 533515 | E.coli | 0 | CFU/100mL | 0 | 2018-02-28 | MOE E3407 |
| | | | Free Cl | 0.74 | mg/L | 0.01 | 2018-02-28 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-02-28 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-28 | MOE E3407 |
| 1543 Beaverdams Road | 2018-02-27 | 533516 | E.coli | 0 | CFU/100mL | 0 | 2018-02-28 | MOE E3407 |
| | | | Free Cl | 0.73 | mg/L | 0.01 | 2018-02-28 | Field |
| | | | HPC | 2 | CFU/mL | 0 | 2018-02-28 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-02-28 | MOE E3407 |

Reported by:

 Nilou Ghazi, Ph.D.,P.Eng.
 Laboratory Manager

Page 1 of 2

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Fax: 905-227-3666

Email:

Work Order No.:2574915

Received : 2018-02-27

PO Number:

Reported: 2018-03-02

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

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Laboratory Manager



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Work Order No.:2575185
 Received : 2018-03-06
 PO Number:
 Reported: 2018-03-09
 Project Name:
 Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|-----------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 207 Keefer Road | 2018-03-06 | 534411 | E.coli | 0 | CFU/100mL | 0 | 2018-03-07 | MOE E3407 |
| | | | Free Cl | 0.85 | mg/L | 0.01 | 2018-03-07 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-03-07 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-07 | MOE E3407 |
| 206 Richmond Street | 2018-03-06 | 534412 | E.coli | 0 | CFU/100mL | 0 | 2018-03-07 | MOE E3407 |
| | | | Free Cl | 0.95 | mg/L | 0.01 | 2018-03-07 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-03-07 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-07 | MOE E3407 |
| 70 Front Street N | 2018-03-06 | 534413 | E.coli | 0 | CFU/100mL | 0 | 2018-03-07 | MOE E3407 |
| | | | Free Cl | 1.03 | mg/L | 0.01 | 2018-03-07 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-03-07 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-07 | MOE E3407 |
| 21 Queen St South | 2018-03-06 | 534414 | E.coli | 0 | CFU/100mL | 0 | 2018-03-07 | MOE E3407 |
| | | | Free Cl | 0.87 | mg/L | 0.01 | 2018-03-07 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-03-07 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-07 | MOE E3407 |
| 3250 Schmon Parkway | 2018-03-06 | 534415 | E.coli | 0 | CFU/100mL | 0 | 2018-03-07 | MOE E3407 |
| | | | Free Cl | 0.64 | mg/L | 0.01 | 2018-03-07 | Field |
| | | | HPC | 2 | CFU/mL | 0 | 2018-03-07 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-07 | MOE E3407 |
| 543 Allanburg Road | 2018-03-06 | 534416 | E.coli | 0 | CFU/100mL | 0 | 2018-03-07 | MOE E3407 |
| | | | Free Cl | 0.71 | mg/L | 0.01 | 2018-03-07 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-03-07 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-07 | MOE E3407 |
| 13210 Hwy #20 | 2018-03-06 | 534417 | E.coli | 0 | CFU/100mL | 0 | 2018-03-07 | MOE E3407 |
| | | | Free Cl | 0.80 | mg/L | 0.01 | 2018-03-07 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-03-07 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-07 | MOE E3407 |
| 1543 Beaverdams Road | 2018-03-06 | 534418 | E.coli | 0 | CFU/100mL | 0 | 2018-03-07 | MOE E3407 |
| | | | Free Cl | 0.76 | mg/L | 0.01 | 2018-03-07 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-03-07 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-07 | MOE E3407 |

Reported by:

 Nilou Ghazi, Ph.D.,P.Eng.
 Laboratory Manager

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Fax: 905-227-3666

Email:

Work Order No.:2575185

Received : 2018-03-06

PO Number:

Reported: 2018-03-09

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Work Order No.:2575457
 Received : 2018-03-13
 PO Number:
 Reported: 2018-03-16
 Project Name:
 Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|-----------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 207 Keefer Road | 2018-03-13 | 535166 | E.coli | 0 | CFU/100mL | 0 | 2018-03-14 | MOE E3407 |
| | | | Free Cl | 0.51 | mg/L | 0.01 | 2018-03-14 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-03-14 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-14 | MOE E3407 |
| 206 Richmond Street | 2018-03-13 | 535167 | E.coli | 0 | CFU/100mL | 0 | 2018-03-14 | MOE E3407 |
| | | | Free Cl | 1.00 | mg/L | 0.01 | 2018-03-14 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-03-14 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-14 | MOE E3407 |
| 70 Front Street N | 2018-03-13 | 535168 | E.coli | 0 | CFU/100mL | 0 | 2018-03-14 | MOE E3407 |
| | | | Free Cl | 1.10 | mg/L | 0.01 | 2018-03-14 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-03-14 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-14 | MOE E3407 |
| 21 Queen St South | 2018-03-13 | 535169 | E.coli | 0 | CFU/100mL | 0 | 2018-03-14 | MOE E3407 |
| | | | Free Cl | 0.93 | mg/L | 0.01 | 2018-03-14 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-03-14 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-14 | MOE E3407 |
| 3250 Schmon Parkway | 2018-03-13 | 535170 | E.coli | 0 | CFU/100mL | 0 | 2018-03-14 | MOE E3407 |
| | | | Free Cl | 0.62 | mg/L | 0.01 | 2018-03-14 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-03-14 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-14 | MOE E3407 |
| 543 Allanburg Road | 2018-03-13 | 535171 | E.coli | 0 | CFU/100mL | 0 | 2018-03-14 | MOE E3407 |
| | | | Free Cl | 0.56 | mg/L | 0.01 | 2018-03-14 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-03-14 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-14 | MOE E3407 |
| 13210 Hwy #20 | 2018-03-13 | 535172 | E.coli | 0 | CFU/100mL | 0 | 2018-03-14 | MOE E3407 |
| | | | Free Cl | 0.85 | mg/L | 0.01 | 2018-03-14 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-03-14 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-14 | MOE E3407 |
| 1543 Beaverdams Road | 2018-03-13 | 535173 | E.coli | 0 | CFU/100mL | 0 | 2018-03-14 | MOE E3407 |
| | | | Free Cl | 0.73 | mg/L | 0.01 | 2018-03-14 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-03-14 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-14 | MOE E3407 |

Reported by:

 Nilou Ghazi, Ph.D.,P.Eng.
 Laboratory Manager

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Work Order No.:2575457

Received : 2018-03-13

PO Number:

Reported: 2018-03-16

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

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Laboratory Manager



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Work Order No.:2575602
Received : 2018-03-19
PO Number:
Reported: 2018-03-20
Project Name: W/M Break-49 Deerfield
Pkwy
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|-------------------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| Upstream-Hyd #43-W-8 | 2018-03-19 | 535456 | E.coli | 0 | CFU/100mL | 0 | 2018-03-19 | MOE E3407 |
| | | | Free Cl | 0.78 | mg/L | 0.01 | 2018-03-19 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-19 | MOE E3407 |
| Downstream-Hyd #50-W-8 | 2018-03-19 | 535457 | E.coli | 0 | CFU/100mL | 0 | 2018-03-19 | MOE E3407 |
| | | | Free Cl | 0.74 | mg/L | 0.01 | 2018-03-19 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-19 | MOE E3407 |

Reported by:

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Work Order No.:2575765
 Received : 2018-03-20
 PO Number:
 Reported: 2018-03-23
 Project Name:
 Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|-----------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 207 Keefer Road | 2018-03-20 | 536059 | E.coli | 0 | CFU/100mL | 0 | 2018-03-21 | MOE E3407 |
| | | | Free Cl | 0.83 | mg/L | 0.01 | 2018-03-21 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-03-21 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-21 | MOE E3407 |
| 206 Richmond Street | 2018-03-20 | 536060 | E.coli | 0 | CFU/100mL | 0 | 2018-03-21 | MOE E3407 |
| | | | Free Cl | 1.01 | mg/L | 0.01 | 2018-03-21 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-03-21 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-21 | MOE E3407 |
| 70 Front Street N | 2018-03-20 | 536061 | E.coli | 0 | CFU/100mL | 0 | 2018-03-21 | MOE E3407 |
| | | | Free Cl | 1.05 | mg/L | 0.01 | 2018-03-21 | Field |
| | | | HPC | 2 | CFU/mL | 0 | 2018-03-21 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-21 | MOE E3407 |
| 21 Queen St South | 2018-03-20 | 536062 | E.coli | 0 | CFU/100mL | 0 | 2018-03-21 | MOE E3407 |
| | | | Free Cl | 0.94 | mg/L | 0.01 | 2018-03-21 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-03-21 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-21 | MOE E3407 |
| 3250 Schmon Parkway | 2018-03-20 | 536063 | E.coli | 0 | CFU/100mL | 0 | 2018-03-21 | MOE E3407 |
| | | | Free Cl | 0.72 | mg/L | 0.01 | 2018-03-21 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-03-21 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-21 | MOE E3407 |
| 543 Allanburg Road | 2018-03-20 | 536064 | E.coli | 0 | CFU/100mL | 0 | 2018-03-21 | MOE E3407 |
| | | | Free Cl | 0.65 | mg/L | 0.01 | 2018-03-21 | Field |
| | | | HPC | 2 | CFU/mL | 0 | 2018-03-21 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-21 | MOE E3407 |
| 13210 Hwy #20 | 2018-03-20 | 536065 | E.coli | 0 | CFU/100mL | 0 | 2018-03-21 | MOE E3407 |
| | | | Free Cl | 0.90 | mg/L | 0.01 | 2018-03-21 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-03-21 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-21 | MOE E3407 |
| 1543 Beaverdams Road | 2018-03-20 | 536066 | E.coli | 0 | CFU/100mL | 0 | 2018-03-21 | MOE E3407 |
| | | | Free Cl | 0.77 | mg/L | 0.01 | 2018-03-21 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-03-21 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-21 | MOE E3407 |

Reported by:

 Nilou Ghazi, Ph.D.,P.Eng.
 Laboratory Manager

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Work Order No.:2575765

Received : 2018-03-20

PO Number:

Reported: 2018-03-23

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

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Laboratory Manager



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Work Order No.:2576114
Received : 2018-03-27
PO Number:
Reported: 2018-04-02
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|-----------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 207 Keefer Road | 2018-03-27 | 537009 | E.coli | 0 | CFU/100mL | 0 | 2018-03-28 | MOE E3407 |
| | | | Free Cl | 0.67 | mg/L | 0.01 | 2018-03-28 | Field |
| | | | HPC | 2 | CFU/mL | 0 | 2018-03-28 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-28 | MOE E3407 |
| 206 Richmond Street | 2018-03-27 | 537010 | E.coli | 0 | CFU/100mL | 0 | 2018-03-28 | MOE E3407 |
| | | | Free Cl | 0.93 | mg/L | 0.01 | 2018-03-28 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-03-28 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-28 | MOE E3407 |
| 70 Front Street N | 2018-03-27 | 537011 | E.coli | 0 | CFU/100mL | 0 | 2018-03-28 | MOE E3407 |
| | | | Free Cl | 0.98 | mg/L | 0.01 | 2018-03-28 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-03-28 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-28 | MOE E3407 |
| 21 Queen St South | 2018-03-27 | 537012 | E.coli | 0 | CFU/100mL | 0 | 2018-03-28 | MOE E3407 |
| | | | Free Cl | 0.88 | mg/L | 0.01 | 2018-03-28 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-03-28 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-28 | MOE E3407 |
| 3250 Schmon Parkway | 2018-03-27 | 537013 | E.coli | 0 | CFU/100mL | 0 | 2018-03-28 | MOE E3407 |
| | | | Free Cl | 0.62 | mg/L | 0.01 | 2018-03-28 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-03-28 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-28 | MOE E3407 |
| 543 Allanburg Road | 2018-03-27 | 537014 | E.coli | 0 | CFU/100mL | 0 | 2018-03-28 | MOE E3407 |
| | | | Free Cl | 0.53 | mg/L | 0.01 | 2018-03-28 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-03-28 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-28 | MOE E3407 |
| 13210 Hwy #20 | 2018-03-27 | 537015 | E.coli | 0 | CFU/100mL | 0 | 2018-03-28 | MOE E3407 |
| | | | Free Cl | 0.89 | mg/L | 0.01 | 2018-03-28 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-03-28 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-28 | MOE E3407 |
| 1543 Beaverdams Road | 2018-03-27 | 537016 | E.coli | 0 | CFU/100mL | 0 | 2018-03-28 | MOE E3407 |
| | | | Free Cl | 0.66 | mg/L | 0.01 | 2018-03-28 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-03-28 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-03-28 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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Thorold (Decew) Distribution System
Joe Colasurdo
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Thorold
L2V 4A7

Tel: 905-227-3535

Fax: 905-227-3666

Email:

Work Order No.:2576114

Received : 2018-03-27

PO Number:

Reported: 2018-04-02

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Email:

Work Order No.:2576267
 Received : 2018-04-03
 PO Number:
 Reported: 2018-04-05
 Project Name:
 Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|-----------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 207 Keefer Road | 2018-04-03 | 537538 | E.coli | 0 | CFU/100mL | 0 | 2018-04-03 | MOE E3407 |
| | | | Free Cl | 0.58 | mg/L | 0.01 | 2018-04-03 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-04-03 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-03 | MOE E3407 |
| 206 Richmond Street | 2018-04-03 | 537539 | E.coli | 0 | CFU/100mL | 0 | 2018-04-03 | MOE E3407 |
| | | | Free Cl | 0.85 | mg/L | 0.01 | 2018-04-03 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-04-03 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-03 | MOE E3407 |
| 70 Front Street N | 2018-04-03 | 537540 | E.coli | 0 | CFU/100mL | 0 | 2018-04-03 | MOE E3407 |
| | | | Free Cl | 0.95 | mg/L | 0.01 | 2018-04-03 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-04-03 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-03 | MOE E3407 |
| 21 Queen St South | 2018-04-03 | 537541 | E.coli | 0 | CFU/100mL | 0 | 2018-04-03 | MOE E3407 |
| | | | Free Cl | 0.81 | mg/L | 0.01 | 2018-04-03 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-04-03 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-03 | MOE E3407 |
| 3250 Schmon Parkway | 2018-04-03 | 537542 | E.coli | 0 | CFU/100mL | 0 | 2018-04-03 | MOE E3407 |
| | | | Free Cl | 0.60 | mg/L | 0.01 | 2018-04-03 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-04-03 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-03 | MOE E3407 |
| 543 Allanburg Road | 2018-04-03 | 537543 | E.coli | 0 | CFU/100mL | 0 | 2018-04-03 | MOE E3407 |
| | | | Free Cl | 0.54 | mg/L | 0.01 | 2018-04-03 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-04-03 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-03 | MOE E3407 |
| 13210 Hwy #20 | 2018-04-03 | 537544 | E.coli | 0 | CFU/100mL | 0 | 2018-04-03 | MOE E3407 |
| | | | Free Cl | 0.85 | mg/L | 0.01 | 2018-04-03 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-04-03 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-03 | MOE E3407 |
| 1543 Beaverdams Road | 2018-04-03 | 537545 | E.coli | 0 | CFU/100mL | 0 | 2018-04-03 | MOE E3407 |
| | | | Free Cl | 0.66 | mg/L | 0.01 | 2018-04-03 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-04-03 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-03 | MOE E3407 |

Reported by:

 Nilou Ghazi, Ph.D.,P.Eng.
 Laboratory Manager

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Fax: 905-227-3666

Email:

Work Order No.:2576267

Received : 2018-04-03

PO Number:

Reported: 2018-04-05

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager

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Email:

Work Order No.:2576608
 Received : 2018-04-10
 PO Number:
 Reported: 2018-04-13
 Project Name:
 Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|-----------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 207 Keefer Road | 2018-04-10 | 538622 | E.coli | 0 | CFU/100mL | 0 | 2018-04-11 | MOE E3407 |
| | | | Free Cl | 0.59 | mg/L | 0.01 | 2018-04-11 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-04-11 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-11 | MOE E3407 |
| 206 Richmond Street | 2018-04-10 | 538623 | E.coli | 0 | CFU/100mL | 0 | 2018-04-11 | MOE E3407 |
| | | | Free Cl | 0.83 | mg/L | 0.01 | 2018-04-11 | Field |
| | | | HPC | 2 | CFU/mL | 0 | 2018-04-11 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-11 | MOE E3407 |
| 70 Front Street N | 2018-04-10 | 538624 | E.coli | 0 | CFU/100mL | 0 | 2018-04-11 | MOE E3407 |
| | | | Free Cl | 0.93 | mg/L | 0.01 | 2018-04-11 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-04-11 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-11 | MOE E3407 |
| 21 Queen St South | 2018-04-10 | 538625 | E.coli | 0 | CFU/100mL | 0 | 2018-04-11 | MOE E3407 |
| | | | Free Cl | 0.83 | mg/L | 0.01 | 2018-04-11 | Field |
| | | | HPC | 6 | CFU/mL | 0 | 2018-04-11 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-11 | MOE E3407 |
| 3250 Schmon Parkway | 2018-04-10 | 538626 | E.coli | 0 | CFU/100mL | 0 | 2018-04-11 | MOE E3407 |
| | | | Free Cl | 0.65 | mg/L | 0.01 | 2018-04-11 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-04-11 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-11 | MOE E3407 |
| 543 Allanburg Road | 2018-04-10 | 538627 | E.coli | 0 | CFU/100mL | 0 | 2018-04-11 | MOE E3407 |
| | | | Free Cl | 0.69 | mg/L | 0.01 | 2018-04-11 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-04-11 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-11 | MOE E3407 |
| 13210 Hwy #20 | 2018-04-10 | 538628 | E.coli | 0 | CFU/100mL | 0 | 2018-04-11 | MOE E3407 |
| | | | Free Cl | 0.84 | mg/L | 0.01 | 2018-04-11 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-04-11 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-11 | MOE E3407 |
| 1543 Beaverdams Road | 2018-04-10 | 538629 | E.coli | 0 | CFU/100mL | 0 | 2018-04-11 | MOE E3407 |
| | | | Free Cl | 0.58 | mg/L | 0.01 | 2018-04-11 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-04-11 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-11 | MOE E3407 |

Reported by:

 Nilou Ghazi, Ph.D.,P.Eng.
 Laboratory Manager

Page 1 of 2

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Joe Colasurdo
3540 Schmon Parkway, PO Box 1044
Thorold
L2V 4A7
Tel: 905-227-3535

Fax: 905-227-3666
Email:

Work Order No.:2576608
Received : 2018-04-10
PO Number:
Reported: 2018-04-13
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

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Laboratory Manager

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Email:

Work Order No.:2576910
 Received : 2018-04-17
 PO Number:
 Reported: 2018-04-20
 Project Name:
 Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|-----------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 207 Keefer Road | 2018-04-17 | 539542 | E.coli | 0 | CFU/100mL | 0 | 2018-04-18 | MOE E3407 |
| | | | Free Cl | 0.53 | mg/L | 0.01 | 2018-04-18 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-04-18 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-18 | MOE E3407 |
| 206 Richmond Street | 2018-04-17 | 539543 | E.coli | 0 | CFU/100mL | 0 | 2018-04-18 | MOE E3407 |
| | | | Free Cl | 0.95 | mg/L | 0.01 | 2018-04-18 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-04-18 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-18 | MOE E3407 |
| 70 Front Street N | 2018-04-17 | 539544 | E.coli | 0 | CFU/100mL | 0 | 2018-04-18 | MOE E3407 |
| | | | Free Cl | 0.93 | mg/L | 0.01 | 2018-04-18 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-04-18 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-18 | MOE E3407 |
| 21 Queen St South | 2018-04-17 | 539545 | E.coli | 0 | CFU/100mL | 0 | 2018-04-18 | MOE E3407 |
| | | | Free Cl | 0.88 | mg/L | 0.01 | 2018-04-18 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-04-18 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-18 | MOE E3407 |
| 3250 Schmon Parkway | 2018-04-17 | 539546 | E.coli | 0 | CFU/100mL | 0 | 2018-04-18 | MOE E3407 |
| | | | Free Cl | 0.75 | mg/L | 0.01 | 2018-04-18 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-04-18 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-18 | MOE E3407 |
| 543 Allanburg Road | 2018-04-17 | 539547 | E.coli | 0 | CFU/100mL | 0 | 2018-04-18 | MOE E3407 |
| | | | Free Cl | 0.69 | mg/L | 0.01 | 2018-04-18 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-04-18 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-18 | MOE E3407 |
| 13210 Hwy #20 | 2018-04-17 | 539548 | E.coli | 0 | CFU/100mL | 0 | 2018-04-18 | MOE E3407 |
| | | | Free Cl | 0.85 | mg/L | 0.01 | 2018-04-18 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-04-18 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-18 | MOE E3407 |
| 1543 Beaverdams Road | 2018-04-17 | 539549 | E.coli | 0 | CFU/100mL | 0 | 2018-04-18 | MOE E3407 |
| | | | Free Cl | 0.58 | mg/L | 0.01 | 2018-04-18 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-04-18 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-18 | MOE E3407 |

Reported by:

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 Laboratory Manager

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Fax: 905-227-3666

Email:

Work Order No.:2576910

Received : 2018-04-17

PO Number:

Reported: 2018-04-20

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Email:

Work Order No.:2577236
 Received : 2018-04-24
 PO Number:
 Reported: 2018-04-27
 Project Name:
 Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|-----------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 207 Keefer Road | 2018-04-24 | 540484 | E.coli | 0 | CFU/100mL | 0 | 2018-04-25 | MOE E3407 |
| | | | Free Cl | 0.70 | mg/L | 0.01 | 2018-04-25 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-04-25 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-25 | MOE E3407 |
| 206 Richmond Street | 2018-04-24 | 540485 | E.coli | 0 | CFU/100mL | 0 | 2018-04-25 | MOE E3407 |
| | | | Free Cl | 0.74 | mg/L | 0.01 | 2018-04-25 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-04-25 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-25 | MOE E3407 |
| 70 Front Street N | 2018-04-24 | 540486 | E.coli | 0 | CFU/100mL | 0 | 2018-04-25 | MOE E3407 |
| | | | Free Cl | 0.81 | mg/L | 0.01 | 2018-04-25 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-04-25 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-25 | MOE E3407 |
| 21 Queen St South | 2018-04-24 | 540487 | E.coli | 0 | CFU/100mL | 0 | 2018-04-25 | MOE E3407 |
| | | | Free Cl | 0.58 | mg/L | 0.01 | 2018-04-25 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-04-25 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-25 | MOE E3407 |
| 3250 Schmon Parkway | 2018-04-24 | 540488 | E.coli | 0 | CFU/100mL | 0 | 2018-04-25 | MOE E3407 |
| | | | Free Cl | 0.71 | mg/L | 0.01 | 2018-04-25 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-04-25 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-25 | MOE E3407 |
| 543 Allanburg Road | 2018-04-24 | 540489 | E.coli | 0 | CFU/100mL | 0 | 2018-04-25 | MOE E3407 |
| | | | Free Cl | 0.73 | mg/L | 0.01 | 2018-04-25 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-04-25 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-25 | MOE E3407 |
| 13210 Hwy #20 | 2018-04-24 | 540490 | E.coli | 0 | CFU/100mL | 0 | 2018-04-25 | MOE E3407 |
| | | | Free Cl | 0.88 | mg/L | 0.01 | 2018-04-25 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-04-25 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-25 | MOE E3407 |
| 1543 Beaverdams Road | 2018-04-24 | 540491 | E.coli | 0 | CFU/100mL | 0 | 2018-04-25 | MOE E3407 |
| | | | Free Cl | 0.50 | mg/L | 0.01 | 2018-04-25 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-04-25 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-04-25 | MOE E3407 |

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Thorold
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Tel: 905-227-3535

Fax: 905-227-3666

Email:

Work Order No.:2577236

Received : 2018-04-24

PO Number:

Reported: 2018-04-27

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager

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Email:

Work Order No.:2577552
 Received : 2018-05-01
 PO Number:
 Reported: 2018-05-04
 Project Name:
 Chain of Custody No.:

| Client Sample ID | Sample Date | Lab ID | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|---------------------------------------|-------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| NDCS-No Data; Contamination Suspected | | | | | | | | |
| 207 Keefer Road | 2018-05-01 | 541449 | E.coli | 0 | CFU/100mL | 0 | 2018-05-02 | MOE E3407 |
| | | | Free Cl | 0.76 | mg/L | 0.01 | 2018-05-02 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-02 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-02 | MOE E3407 |
| 206 Richmond Street | 2018-05-01 | 541450 | E.coli | 0 | CFU/100mL | 0 | 2018-05-02 | MOE E3407 |
| | | | Free Cl | 0.83 | mg/L | 0.01 | 2018-05-02 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-02 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-02 | MOE E3407 |
| 70 Front Street N | 2018-05-01 | 541451 | E.coli | 0 | CFU/100mL | 0 | 2018-05-02 | MOE E3407 |
| | | | Free Cl | 0.92 | mg/L | 0.01 | 2018-05-02 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-02 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-02 | MOE E3407 |
| 21 Queen St South | 2018-05-01 | 541452 | E.coli | 0 | CFU/100mL | 0 | 2018-05-02 | MOE E3407 |
| | | | Free Cl | 0.82 | mg/L | 0.01 | 2018-05-02 | Field |
| | | | HPC | NDCS | CFU/mL | 0 | 2018-05-02 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-02 | MOE E3407 |
| 3250 Schmon Parkway | 2018-05-01 | 541453 | E.coli | 0 | CFU/100mL | 0 | 2018-05-02 | MOE E3407 |
| | | | Free Cl | 0.63 | mg/L | 0.01 | 2018-05-02 | Field |
| | | | HPC | 3 | CFU/mL | 0 | 2018-05-02 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-02 | MOE E3407 |
| 543 Allanburg Road | 2018-05-01 | 541454 | E.coli | 0 | CFU/100mL | 0 | 2018-05-02 | MOE E3407 |
| | | | Free Cl | 0.67 | mg/L | 0.01 | 2018-05-02 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-02 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-02 | MOE E3407 |
| 13210 Hwy #20 | 2018-05-01 | 541455 | E.coli | 0 | CFU/100mL | 0 | 2018-05-02 | MOE E3407 |
| | | | Free Cl | 0.83 | mg/L | 0.01 | 2018-05-02 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-02 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-02 | MOE E3407 |
| 1543 Beaverdams Road | 2018-05-01 | 541456 | E.coli | 0 | CFU/100mL | 0 | 2018-05-02 | MOE E3407 |
| | | | Free Cl | 0.54 | mg/L | 0.01 | 2018-05-02 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-02 | APHA 9215 |

Reported by:

 Nilou Ghazi, Ph.D.,P.Eng.
 Laboratory Manager

Page 1 of 2

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Work Order No.:2577552

Received : 2018-05-01

PO Number:

Reported: 2018-05-04

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|-----------------------------|------------|---------------|-----------------|--------|-----------|-----|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | |
| 1543 Beaverdams Road | 2018-05-01 | 541456 | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-02 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

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Work Order No.:2577695
Received : 2018-05-08
PO Number:
Reported: 2018-05-18
Project Name: Quarterly Samples
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|-----------------------|------------|---------------|-----------------------|--------|----------|-----|------------|---------------|
| | Date | Lab ID | | | | | Analyzed | |
| Schmon Parkway | 2018-05-08 | 541859 | HAA (Haloacetic Acid) | See | Attached | N/A | 2018-05-17 | Subcontracted |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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Email:

Work Order No.:2577696

Received : 2018-05-08

PO Number:

Reported: 2018-05-15

Project Name: Quarterly Samples

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|--------------------------|------------|---------------|-----------------|--------|----------|-----|------------|---------------|
| | Date | Lab ID | | | | | Analyzed | |
| 13210 Highway #20 | 2018-05-08 | 541860 | Trihalomethanes | See | Attached | N/A | 2018-05-14 | Subcontracted |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

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Work Order No.:2577839
 Received : 2018-05-08
 PO Number:
 Reported: 2018-05-11
 Project Name:
 Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 136 Confederation Ave | 2018-05-08 | 542382 | E.coli | 0 | CFU/100mL | 0 | 2018-05-09 | MOE E3407 |
| | | | Free Cl | 0.96 | mg/L | 0.01 | 2018-05-09 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-09 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-09 | MOE E3407 |
| 39 McDonagh Cres | 2018-05-08 | 542383 | E.coli | 0 | CFU/100mL | 0 | 2018-05-09 | MOE E3407 |
| | | | Free Cl | 0.98 | mg/L | 0.01 | 2018-05-09 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-09 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-09 | MOE E3407 |
| 70 Front Street North | 2018-05-08 | 542384 | E.coli | 0 | CFU/100mL | 0 | 2018-05-09 | MOE E3407 |
| | | | Free Cl | 0.99 | mg/L | 0.01 | 2018-05-09 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-05-09 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-09 | MOE E3407 |
| McMann and Ann | 2018-05-08 | 542385 | E.coli | 0 | CFU/100mL | 0 | 2018-05-09 | MOE E3407 |
| | | | Free Cl | 0.72 | mg/L | 0.01 | 2018-05-09 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-09 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-09 | MOE E3407 |
| 3271 Schmon Parkway | 2018-05-08 | 542386 | E.coli | 0 | CFU/100mL | 0 | 2018-05-09 | MOE E3407 |
| | | | Free Cl | 0.85 | mg/L | 0.01 | 2018-05-09 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-09 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-09 | MOE E3407 |
| 543 Allanburg Road | 2018-05-08 | 542387 | E.coli | 0 | CFU/100mL | 0 | 2018-05-09 | MOE E3407 |
| | | | Free Cl | 0.71 | mg/L | 0.01 | 2018-05-09 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-09 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-09 | MOE E3407 |
| Allanport and Hwy 20 | 2018-05-08 | 542388 | E.coli | 0 | CFU/100mL | 0 | 2018-05-09 | MOE E3407 |
| | | | Free Cl | 0.75 | mg/L | 0.01 | 2018-05-09 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-09 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-09 | MOE E3407 |
| Lyndon St | 2018-05-08 | 542389 | E.coli | 0 | CFU/100mL | 0 | 2018-05-09 | MOE E3407 |
| | | | Free Cl | 0.82 | mg/L | 0.01 | 2018-05-09 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-09 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-09 | MOE E3407 |

Reported by:

 Nilou Ghazi, Ph.D.,P.Eng.
 Laboratory Manager

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Work Order No.:2577839

Received : 2018-05-08

PO Number:

Reported: 2018-05-11

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Work Order No.:2578157
Received : 2018-05-15
PO Number:
Reported: 2018-05-18
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 136 Confederation Ave | 2018-05-15 | 543356 | E.coli | 0 | CFU/100mL | 0 | 2018-05-16 | MOE E3407 |
| | | | Free Cl | 0.83 | mg/L | 0.01 | 2018-05-16 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-16 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-16 | MOE E3407 |
| 39 McDonagh Cres | 2018-05-15 | 543357 | E.coli | 0 | CFU/100mL | 0 | 2018-05-16 | MOE E3407 |
| | | | Free Cl | 0.87 | mg/L | 0.01 | 2018-05-16 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-16 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-16 | MOE E3407 |
| 70 Front Street North | 2018-05-15 | 543358 | E.coli | 0 | CFU/100mL | 0 | 2018-05-16 | MOE E3407 |
| | | | Free Cl | 0.90 | mg/L | 0.01 | 2018-05-16 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-16 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-16 | MOE E3407 |
| McMann and Ann | 2018-05-15 | 543359 | E.coli | 0 | CFU/100mL | 0 | 2018-05-16 | MOE E3407 |
| | | | Free Cl | 0.70 | mg/L | 0.01 | 2018-05-16 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-16 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-16 | MOE E3407 |
| 3271 Schmon Parkway | 2018-05-15 | 543360 | E.coli | 0 | CFU/100mL | 0 | 2018-05-16 | MOE E3407 |
| | | | Free Cl | 0.85 | mg/L | 0.01 | 2018-05-16 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-16 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-16 | MOE E3407 |
| 543 Allanburg Road | 2018-05-15 | 543361 | E.coli | 0 | CFU/100mL | 0 | 2018-05-16 | MOE E3407 |
| | | | Free Cl | 0.66 | mg/L | 0.01 | 2018-05-16 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-16 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-16 | MOE E3407 |
| Allanport and Hwy 20 | 2018-05-15 | 543362 | E.coli | 0 | CFU/100mL | 0 | 2018-05-16 | MOE E3407 |
| | | | Free Cl | 0.77 | mg/L | 0.01 | 2018-05-16 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-05-16 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-16 | MOE E3407 |
| Lyndon St | 2018-05-15 | 543363 | E.coli | 0 | CFU/100mL | 0 | 2018-05-16 | MOE E3407 |
| | | | Free Cl | 0.86 | mg/L | 0.01 | 2018-05-16 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-05-16 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-16 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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Email:

Work Order No.:2578157

Received : 2018-05-15

PO Number:

Reported: 2018-05-18

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Work Order No.:2578318
Received : 2018-05-22
PO Number:
Reported: 2018-05-24
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 136 Confederation Ave | 2018-05-22 | 543736 | E.coli | 0 | CFU/100mL | 0 | 2018-05-22 | MOE E3407 |
| | | | Free Cl | 0.93 | mg/L | 0.01 | 2018-05-22 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-22 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-22 | MOE E3407 |
| 39 McDonagh Cres | 2018-05-22 | 543737 | E.coli | 0 | CFU/100mL | 0 | 2018-05-22 | MOE E3407 |
| | | | Free Cl | 0.92 | mg/L | 0.01 | 2018-05-22 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-05-22 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-22 | MOE E3407 |
| 70 Front Street North | 2018-05-22 | 543738 | E.coli | 0 | CFU/100mL | 0 | 2018-05-22 | MOE E3407 |
| | | | Free Cl | 0.61 | mg/L | 0.01 | 2018-05-22 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-22 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-22 | MOE E3407 |
| McMann and Ann | 2018-05-22 | 543739 | E.coli | 0 | CFU/100mL | 0 | 2018-05-22 | MOE E3407 |
| | | | Free Cl | 0.75 | mg/L | 0.01 | 2018-05-22 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-22 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-22 | MOE E3407 |
| 3271 Schmon Parkway | 2018-05-22 | 543740 | E.coli | 0 | CFU/100mL | 0 | 2018-05-22 | MOE E3407 |
| | | | Free Cl | 0.77 | mg/L | 0.01 | 2018-05-22 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-22 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-22 | MOE E3407 |
| 543 Allanburg Road | 2018-05-22 | 543741 | E.coli | 0 | CFU/100mL | 0 | 2018-05-22 | MOE E3407 |
| | | | Free Cl | 0.63 | mg/L | 0.01 | 2018-05-22 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-22 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-22 | MOE E3407 |
| Allanport and Hwy 20 | 2018-05-22 | 543742 | E.coli | 0 | CFU/100mL | 0 | 2018-05-22 | MOE E3407 |
| | | | Free Cl | 0.74 | mg/L | 0.01 | 2018-05-22 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-22 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-22 | MOE E3407 |
| Lyndon St | 2018-05-22 | 543743 | E.coli | 0 | CFU/100mL | 0 | 2018-05-22 | MOE E3407 |
| | | | Free Cl | 0.82 | mg/L | 0.01 | 2018-05-22 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-05-22 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-22 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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Email:

Work Order No.:2578318

Received : 2018-05-22

PO Number:

Reported: 2018-05-24

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Work Order No.:2578706
Received : 2018-05-29
PO Number:
Reported: 2018-06-01
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 136 Confederation Ave | 2018-05-29 | 545012 | E.coli | 0 | CFU/100mL | 0 | 2018-05-30 | MOE E3407 |
| | | | Free Cl | 0.88 | mg/L | 0.01 | 2018-05-30 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-30 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-30 | MOE E3407 |
| 39 McDonagh Cres | 2018-05-29 | 545013 | E.coli | 0 | CFU/100mL | 0 | 2018-05-30 | MOE E3407 |
| | | | Free Cl | 0.92 | mg/L | 0.01 | 2018-05-30 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-30 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-30 | MOE E3407 |
| 70 Front Street North | 2018-05-29 | 545014 | E.coli | 0 | CFU/100mL | 0 | 2018-05-30 | MOE E3407 |
| | | | Free Cl | 0.89 | mg/L | 0.01 | 2018-05-30 | Field |
| | | | HPC | 4 | CFU/mL | 0 | 2018-05-30 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-30 | MOE E3407 |
| McMann and Ann | 2018-05-29 | 545015 | E.coli | 0 | CFU/100mL | 0 | 2018-05-30 | MOE E3407 |
| | | | Free Cl | 0.70 | mg/L | 0.01 | 2018-05-30 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-05-30 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-30 | MOE E3407 |
| 3271 Schmon Parkway | 2018-05-29 | 545016 | E.coli | 0 | CFU/100mL | 0 | 2018-05-30 | MOE E3407 |
| | | | Free Cl | 0.81 | mg/L | 0.01 | 2018-05-30 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-05-30 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-30 | MOE E3407 |
| 543 Allanburg Road | 2018-05-29 | 545017 | E.coli | 0 | CFU/100mL | 0 | 2018-05-30 | MOE E3407 |
| | | | Free Cl | 0.66 | mg/L | 0.01 | 2018-05-30 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-30 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-30 | MOE E3407 |
| Allanport and Hwy 20 | 2018-05-29 | 545018 | E.coli | 0 | CFU/100mL | 0 | 2018-05-30 | MOE E3407 |
| | | | Free Cl | 0.78 | mg/L | 0.01 | 2018-05-30 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-30 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-30 | MOE E3407 |
| Lyndon St | 2018-05-29 | 545019 | E.coli | 0 | CFU/100mL | 0 | 2018-05-30 | MOE E3407 |
| | | | Free Cl | 0.79 | mg/L | 0.01 | 2018-05-30 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-05-30 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-05-30 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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E3 Laboratories Inc.

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CERTIFICATE OF ANALYSIS

Thorold (Decew) Distribution System
Joe Colasurdo
3540 Schmon Parkway, PO Box 1044
Thorold
L2V 4A7

Tel: 905-227-3535

Fax: 905-227-3666

Email:

Work Order No.:2578706

Received : 2018-05-29

PO Number:

Reported: 2018-06-01

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Work Order No.:2578832
Received : 2018-06-01
PO Number:
Reported: 2018-06-04
Project Name: 222 Ontario St. Watermain
Break
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|---------------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| Upstrm-Hyd W-8-58 | 2018-06-01 | 545306 | E.coli | 0 | CFU/100mL | 0 | 2018-06-01 | MOE E3407 |
| | | | Free Cl | 0.63 | mg/L | 0.01 | 2018-06-01 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-01 | MOE E3407 |
| Dwnstrm-Hyd W-8-30 | 2018-06-01 | 545307 | E.coli | 0 | CFU/100mL | 0 | 2018-06-01 | MOE E3407 |
| | | | Free Cl | 0.60 | mg/L | 0.01 | 2018-06-01 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-01 | MOE E3407 |

Reported by:

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L2V 4A7
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Email:

Work Order No.:2578852
Received : 2018-06-04
PO Number:
Reported: 2018-06-05
Project Name: Watermain Break
Chain of Custody No.:

| Client Sample ID | Sample Date | Lab ID | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|----------------------------|-------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| 235 Beaver St (Clara Side) | | | | | | | | |
| Upstrm-Hyd W-8-20 | 2018-06-04 | 545349 | E.coli | 0 | CFU/100mL | 0 | 2018-06-04 | MOE E3407 |
| | | | Free Cl | 0.54 | mg/L | 0.01 | 2018-06-04 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-04 | MOE E3407 |
| Dwnstrm-Hyd W-8-28 | 2018-06-04 | 545350 | E.coli | 0 | CFU/100mL | 0 | 2018-06-04 | MOE E3407 |
| | | | Free Cl | 0.67 | mg/L | 0.01 | 2018-06-04 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-04 | MOE E3407 |

Reported by:

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Email:

Work Order No.:2578950

Received : 2018-06-05

PO Number:

Reported: 2018-06-07

Project Name: Taylor Street Watermain

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| Taylor & Mary St | 2018-06-05 | 545757 | E.coli | 0 | CFU/100mL | 0 | 2018-06-05 | MOE E3407 |
| | | | Free Cl | 0.85 | mg/L | 0.01 | 2018-06-05 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-05 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-05 | MOE E3407 |
| Taylor & Clara St | 2018-06-05 | 545758 | E.coli | 0 | CFU/100mL | 0 | 2018-06-05 | MOE E3407 |
| | | | Free Cl | 0.71 | mg/L | 0.01 | 2018-06-05 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-05 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-05 | MOE E3407 |

Reported by:

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Email:

Work Order No.:2579024
Received : 2018-06-05
PO Number:
Reported: 2018-06-08
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample Date | Lab ID | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|------------------------------|-------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| AWQI: 139683 | | | | | | | | |
| 136 Confederation Ave | 2018-06-05 | 545962 | E.coli | 0 | CFU/100mL | 0 | 2018-06-06 | MOE E3407 |
| | | | Free Cl | 0.74 | mg/L | 0.01 | 2018-06-06 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-06 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-06 | MOE E3407 |
| 39 McDonagh Cres | 2018-06-05 | 545963 | E.coli | 0 | CFU/100mL | 0 | 2018-06-06 | MOE E3407 |
| | | | Free Cl | 0.77 | mg/L | 0.01 | 2018-06-06 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-06-06 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-06 | MOE E3407 |
| 70 Front Street North | 2018-06-05 | 545964 | E.coli | 0 | CFU/100mL | 0 | 2018-06-06 | MOE E3407 |
| | | | Free Cl | 0.61 | mg/L | 0.01 | 2018-06-06 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-06-06 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-06 | MOE E3407 |
| McMann and Ann | 2018-06-05 | 545965 | E.coli | 0 | CFU/100mL | 0 | 2018-06-06 | MOE E3407 |
| | | | Free Cl | 0.66 | mg/L | 0.01 | 2018-06-06 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-06-06 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-06 | MOE E3407 |
| 3271 Schmon Parkway | 2018-06-05 | 545966 | E.coli | 0 | CFU/100mL | 0 | 2018-06-06 | MOE E3407 |
| | | | Free Cl | 0.82 | mg/L | 0.01 | 2018-06-06 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-06 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-06 | MOE E3407 |
| 543 Allanburg Road | 2018-06-05 | 545967 | E.coli | 0 | CFU/100mL | 0 | 2018-06-06 | MOE E3407 |
| | | | Free Cl | 0.64 | mg/L | 0.01 | 2018-06-06 | Field |
| | | | HPC | 4 | CFU/mL | 0 | 2018-06-06 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-06 | MOE E3407 |
| Allanport and Hwy 20 | 2018-06-05 | 545968 | E.coli | 0 | CFU/100mL | 0 | 2018-06-06 | MOE E3407 |
| | | | Free Cl | 0.73 | mg/L | 0.01 | 2018-06-06 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-06-06 | APHA 9215 |
| | | | Total Coliforms | 13 | CFU/100mL | 0 | 2018-06-06 | MOE E3407 |
| Lyndon St | 2018-06-05 | 545969 | E.coli | 0 | CFU/100mL | 0 | 2018-06-06 | MOE E3407 |
| | | | Free Cl | 0.71 | mg/L | 0.01 | 2018-06-06 | Field |
| | | | HPC | 2 | CFU/mL | 0 | 2018-06-06 | APHA 9215 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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Tel: 905-227-3535

Fax: 905-227-3666
Email:

Work Order No.:2579024
Received : 2018-06-05
PO Number:
Reported: 2018-06-08
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|------------|---------------|-----------------|--------|-----------|-----|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | |
| Lyndon St | 2018-06-05 | 545969 | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-06 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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Work Order No.:2579044

Received : 2018-06-06

PO Number:

Reported: 2018-06-08

Project Name: Taylor Street Watermain

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|-----------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| Set #2 | | | | | | | | |
| Taylor @ Clara | 2018-06-06 | 546022 | E.coli | 0 | CFU/100mL | 0 | 2018-06-06 | MOE E3407 |
| | | | Free Cl | 0.30 | mg/L | 0.01 | 2018-06-06 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-06 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-06 | MOE E3407 |
| Taylor @ Mary | 2018-06-06 | 546023 | E.coli | 0 | CFU/100mL | 0 | 2018-06-06 | MOE E3407 |
| | | | Free Cl | 0.36 | mg/L | 0.01 | 2018-06-06 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-06 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-06 | MOE E3407 |

Reported by:

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Laboratory Manager

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Email:

Work Order No.:2579126

Received : 2018-06-07

PO Number:

Reported: 2018-06-11

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|--|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| Allanport & Hwy 20 Location | 2018-06-07 | 546184 | E.coli | 0 | CFU/100mL | 0 | 2018-06-08 | MOE E3407 |
| | | | Free Cl | 0.51 | mg/L | 0.01 | 2018-06-08 | Field |
| | | | HPC | 8 | CFU/mL | 0 | 2018-06-08 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-08 | MOE E3407 |
| Upstrm-Hyd 6-W-21 | 2018-06-07 | 546185 | E.coli | 0 | CFU/100mL | 0 | 2018-06-08 | MOE E3407 |
| | | | Free Cl | 0.74 | mg/L | 0.01 | 2018-06-08 | Field |
| | | | HPC | 2 | CFU/mL | 0 | 2018-06-08 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-08 | MOE E3407 |
| Dwnstrm-Hyd 4-W-21 | 2018-06-07 | 546186 | E.coli | 0 | CFU/100mL | 0 | 2018-06-08 | MOE E3407 |
| | | | Free Cl | 0.81 | mg/L | 0.01 | 2018-06-08 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-08 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-08 | MOE E3407 |

Reported by:

 Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager

Page 1 of 1

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Work Order No.:2579173
Received : 2018-06-09
PO Number:
Reported: 2018-06-12
Project Name: Resample for
Adverse@Location7- Set#2
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|---|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| Source- Allanport & Hwy 20 I | 2018-06-09 | 546337 | E.coli | 0 | CFU/100mL | 0 | 2018-06-10 | MOE E3407 |
| | | | Free Cl | 0.81 | mg/L | 0.01 | 2018-06-10 | Field |
| | | | HPC | 4 | CFU/mL | 0 | 2018-06-10 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-10 | MOE E3407 |
| Upstrm-Hyd 6-W-21 | 2018-06-09 | 546338 | E.coli | 0 | CFU/100mL | 0 | 2018-06-10 | MOE E3407 |
| | | | Free Cl | 0.91 | mg/L | 0.01 | 2018-06-10 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-10 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-10 | MOE E3407 |
| Dwnstrm-Hyd 4-W-21 | 2018-06-09 | 546339 | E.coli | 0 | CFU/100mL | 0 | 2018-06-10 | MOE E3407 |
| | | | Free Cl | 0.84 | mg/L | 0.01 | 2018-06-10 | Field |
| | | | HPC | 2 | CFU/mL | 0 | 2018-06-10 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-10 | MOE E3407 |

Reported by:

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Work Order No.:2579233
Received : 2018-06-12
PO Number:
Reported: 2018-06-13
Project Name: Watermain Break
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|---------------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| 78 Ormond St S | | | | | | | | |
| Upstrm-Hyd W-6-19 | 2018-06-12 | 546580 | E.coli | 0 | CFU/100mL | 0 | 2018-06-12 | MOE E3407 |
| | | | Free Cl | 0.58 | mg/L | 0.01 | 2018-06-12 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-12 | MOE E3407 |
| Dwnstrm-Hyd W-6-18 | 2018-06-12 | 546581 | E.coli | 0 | CFU/100mL | 0 | 2018-06-12 | MOE E3407 |
| | | | Free Cl | 0.57 | mg/L | 0.01 | 2018-06-12 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-12 | MOE E3407 |

Reported by:

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Work Order No.:2579339
 Received : 2018-06-12
 PO Number:
 Reported: 2018-06-15
 Project Name:
 Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 136 Confederation Ave | 2018-06-12 | 546910 | E.coli | 0 | CFU/100mL | 0 | 2018-06-13 | MOE E3407 |
| | | | Free Cl | 0.90 | mg/L | 0.01 | 2018-06-13 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-06-13 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-13 | MOE E3407 |
| 39 McDonagh Cres | 2018-06-12 | 546911 | E.coli | 0 | CFU/100mL | 0 | 2018-06-13 | MOE E3407 |
| | | | Free Cl | 0.83 | mg/L | 0.01 | 2018-06-13 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-13 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-13 | MOE E3407 |
| 70 Front Street North | 2018-06-12 | 546912 | E.coli | 0 | CFU/100mL | 0 | 2018-06-13 | MOE E3407 |
| | | | Free Cl | 1.04 | mg/L | 0.01 | 2018-06-13 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-13 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-13 | MOE E3407 |
| McMann and Ann | 2018-06-12 | 546913 | E.coli | 0 | CFU/100mL | 0 | 2018-06-13 | MOE E3407 |
| | | | Free Cl | 0.63 | mg/L | 0.01 | 2018-06-13 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-13 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-13 | MOE E3407 |
| 3271 Schmon Parkway | 2018-06-12 | 546914 | E.coli | 0 | CFU/100mL | 0 | 2018-06-13 | MOE E3407 |
| | | | Free Cl | 0.84 | mg/L | 0.01 | 2018-06-13 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-13 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-13 | MOE E3407 |
| 543 Allanburg Road | 2018-06-12 | 546915 | E.coli | 0 | CFU/100mL | 0 | 2018-06-13 | MOE E3407 |
| | | | Free Cl | 0.66 | mg/L | 0.01 | 2018-06-13 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-13 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-13 | MOE E3407 |
| Allanport and Hwy 20 | 2018-06-12 | 546916 | E.coli | 0 | CFU/100mL | 0 | 2018-06-13 | MOE E3407 |
| | | | Free Cl | 0.65 | mg/L | 0.01 | 2018-06-13 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-13 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-13 | MOE E3407 |
| Lyndon St | 2018-06-12 | 546917 | E.coli | 0 | CFU/100mL | 0 | 2018-06-13 | MOE E3407 |
| | | | Free Cl | 0.69 | mg/L | 0.01 | 2018-06-13 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-06-13 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-13 | MOE E3407 |

Reported by:

 Nilou Ghazi, Ph.D.,P.Eng.
 Laboratory Manager

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Work Order No.:2579339

Received : 2018-06-12

PO Number:

Reported: 2018-06-15

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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L2V 4A7
Tel: 905-227-3535

Fax: 905-227-3666
Email:

Work Order No.:2579411
Received : 2018-06-14
PO Number:
Reported: 2018-06-15
Project Name: Taylor Street Watermain
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|---------------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| Upstrm-Hyd W-8-52 | 2018-06-14 | 547038 | E.coli | 0 | CFU/100mL | 0 | 2018-06-14 | MOE E3407 |
| | | | Free Cl | 0.62 | mg/L | 0.01 | 2018-06-14 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-14 | MOE E3407 |
| Dwnstrm-Hyd W-8-53 | 2018-06-14 | 547039 | E.coli | 0 | CFU/100mL | 0 | 2018-06-14 | MOE E3407 |
| | | | Free Cl | 0.64 | mg/L | 0.01 | 2018-06-14 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-14 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

All work has been performed using accepted testing methodologies, except where otherwise agreed to by the client in writing. Our total liability in connection with this work shall be limited to the amount paid by the client. Results relate only to items tested as received.



E3 Laboratories Inc.

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Joe Colasurdo
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Thorold
L2V 4A7

Tel: 905-227-3535

Fax: 905-227-3666

Email:

Work Order No.:2579579
Received : 2018-06-19
PO Number:
Reported: 2018-06-20
Project Name: Clara St Project
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|---------------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| Upstrm-Hyd W-8-28 | 2018-06-19 | 547647 | E.coli | 0 | CFU/100mL | 0 | 2018-06-19 | MOE E3407 |
| | | | Free Cl | 0.71 | mg/L | 0.01 | 2018-06-19 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-19 | MOE E3407 |
| Dwnstrm-Hyd W-8-27 | 2018-06-19 | 547648 | E.coli | 0 | CFU/100mL | 0 | 2018-06-19 | MOE E3407 |
| | | | Free Cl | 0.64 | mg/L | 0.01 | 2018-06-19 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-19 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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L2V 4A7
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Email:

Work Order No.:2579630
Received : 2018-06-19
PO Number:
Reported: 2018-06-22
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 136 Confederation Ave | 2018-06-19 | 547801 | E.coli | 0 | CFU/100mL | 0 | 2018-06-20 | MOE E3407 |
| | | | Free Cl | 0.83 | mg/L | 0.01 | 2018-06-20 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-20 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-20 | MOE E3407 |
| 39 McDonagh Cres | 2018-06-19 | 547802 | E.coli | 0 | CFU/100mL | 0 | 2018-06-20 | MOE E3407 |
| | | | Free Cl | 0.97 | mg/L | 0.01 | 2018-06-20 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-20 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-20 | MOE E3407 |
| 70 Front Street North | 2018-06-19 | 547803 | E.coli | 0 | CFU/100mL | 0 | 2018-06-20 | MOE E3407 |
| | | | Free Cl | 0.61 | mg/L | 0.01 | 2018-06-20 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-20 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-20 | MOE E3407 |
| McMann and Ann | 2018-06-19 | 547804 | E.coli | 0 | CFU/100mL | 0 | 2018-06-20 | MOE E3407 |
| | | | Free Cl | 0.74 | mg/L | 0.01 | 2018-06-20 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-20 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-20 | MOE E3407 |
| 3271 Schmon Parkway | 2018-06-19 | 547805 | E.coli | 0 | CFU/100mL | 0 | 2018-06-20 | MOE E3407 |
| | | | Free Cl | 1.04 | mg/L | 0.01 | 2018-06-20 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-20 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-20 | MOE E3407 |
| 543 Allanburg Road | 2018-06-19 | 547806 | E.coli | 0 | CFU/100mL | 0 | 2018-06-20 | MOE E3407 |
| | | | Free Cl | 0.69 | mg/L | 0.01 | 2018-06-20 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-20 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-20 | MOE E3407 |
| Allanport and Hwy 20 | 2018-06-19 | 547807 | E.coli | 0 | CFU/100mL | 0 | 2018-06-20 | MOE E3407 |
| | | | Free Cl | 0.84 | mg/L | 0.01 | 2018-06-20 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-20 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-20 | MOE E3407 |
| Lyndon St | 2018-06-19 | 547808 | E.coli | 0 | CFU/100mL | 0 | 2018-06-20 | MOE E3407 |
| | | | Free Cl | 0.76 | mg/L | 0.01 | 2018-06-20 | Field |
| | | | HPC | 2 | CFU/mL | 0 | 2018-06-20 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-20 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager



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Thorold
L2V 4A7
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Fax: 905-227-3666
Email:

Work Order No.:2579630
Received : 2018-06-19
PO Number:
Reported: 2018-06-22
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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L2V 4A7

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Email:

Work Order No.:2579750
Received : 2018-06-22
PO Number:
Reported: 2018-06-25
Project Name: Clara St Project
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|---------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | |
| Upstrm-Hyd W-8-28 | 2018-06-22 | 548106 | E.coli | 0 | CFU/100mL | 0 | 2018-06-22 | MOE E3407 |
| | | | Free Cl | 0.66 | mg/L | 0.01 | 2018-06-22 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-22 | MOE E3407 |
| Dwnstrm-Hyd W-8-27 | 2018-06-22 | 548107 | E.coli | 0 | CFU/100mL | 0 | 2018-06-22 | MOE E3407 |
| | | | Free Cl | 0.77 | mg/L | 0.01 | 2018-06-22 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-22 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Work Order No.:2579775

Received : 2018-06-25

PO Number:

Reported: 2018-06-26

Project Name: Watermain Break-26 Keefer Rd (Jun23, 2018)

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|---------------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| Upstrm-Hyd W-13-5 | 2018-06-25 | 548253 | E.coli | 0 | CFU/100mL | 0 | 2018-06-25 | MOE E3407 |
| | | | Free Cl | 1.04 | mg/L | 0.01 | 2018-06-25 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-25 | MOE E3407 |
| Dwnstrm-Hyd W-13-6 | 2018-06-25 | 548254 | E.coli | 0 | CFU/100mL | 0 | 2018-06-25 | MOE E3407 |
| | | | Free Cl | 0.85 | mg/L | 0.01 | 2018-06-25 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-25 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Thorold
L2V 4A7
Tel: 905-227-3535 Fax: 905-227-3666
Email:

Work Order No.:2579927
Received : 2018-06-26
PO Number:
Reported: 2018-06-29
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 136 Confederation Ave | 2018-06-26 | 548839 | E.coli | 0 | CFU/100mL | 0 | 2018-06-27 | MOE E3407 |
| | | | Free Cl | 0.89 | mg/L | 0.01 | 2018-06-27 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-27 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-27 | MOE E3407 |
| 39 McDonagh Cres | 2018-06-26 | 548840 | E.coli | 0 | CFU/100mL | 0 | 2018-06-27 | MOE E3407 |
| | | | Free Cl | 0.91 | mg/L | 0.01 | 2018-06-27 | Field |
| | | | HPC | 2 | CFU/mL | 0 | 2018-06-27 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-27 | MOE E3407 |
| 70 Front Street North | 2018-06-26 | 548841 | E.coli | 0 | CFU/100mL | 0 | 2018-06-27 | MOE E3407 |
| | | | Free Cl | 0.94 | mg/L | 0.01 | 2018-06-27 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-27 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-27 | MOE E3407 |
| McMann and Ann | 2018-06-26 | 548842 | E.coli | 0 | CFU/100mL | 0 | 2018-06-27 | MOE E3407 |
| | | | Free Cl | 0.76 | mg/L | 0.01 | 2018-06-27 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-27 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-27 | MOE E3407 |
| 3271 Schmon Parkway | 2018-06-26 | 548843 | E.coli | 0 | CFU/100mL | 0 | 2018-06-27 | MOE E3407 |
| | | | Free Cl | 0.96 | mg/L | 0.01 | 2018-06-27 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-27 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-27 | MOE E3407 |
| 543 Allanburg Road | 2018-06-26 | 548844 | E.coli | 0 | CFU/100mL | 0 | 2018-06-27 | MOE E3407 |
| | | | Free Cl | 0.64 | mg/L | 0.01 | 2018-06-27 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-27 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-27 | MOE E3407 |
| Allanport and Hwy 20 | 2018-06-26 | 548845 | E.coli | 0 | CFU/100mL | 0 | 2018-06-27 | MOE E3407 |
| | | | Free Cl | 0.66 | mg/L | 0.01 | 2018-06-27 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-27 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-27 | MOE E3407 |
| Lyndon St | 2018-06-26 | 548846 | E.coli | 0 | CFU/100mL | 0 | 2018-06-27 | MOE E3407 |
| | | | Free Cl | 0.74 | mg/L | 0.01 | 2018-06-27 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-06-27 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-06-27 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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Joe Colasurdo
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L2V 4A7

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Email:

Work Order No.:2579927

Received : 2018-06-26

PO Number:

Reported: 2018-06-29

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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L2V 4A7

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Email:

Work Order No.:2580281

Received : 2018-07-03

PO Number:

Reported: 2018-07-05

Project Name: W/M Break-94 Front St N.

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|----------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | |
| Upstrm-Hyd W-2B-58 | 2018-07-03 | 549859 | E.coli | 0 | CFU/100mL | 0 | 2018-07-04 | MOE E3407 |
| | | | Free Cl | 0.98 | mg/L | 0.01 | 2018-07-04 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-04 | MOE E3407 |
| Dwnstrm-Hyd W-2B-60 | 2018-07-03 | 549860 | E.coli | 0 | CFU/100mL | 0 | 2018-07-04 | MOE E3407 |
| | | | Free Cl | 0.98 | mg/L | 0.01 | 2018-07-04 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-04 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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L2V 4A7
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Work Order No.:2580295
Received : 2018-07-03
PO Number:
Reported: 2018-07-06
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 136 Confederation Ave | 2018-07-03 | 549919 | E.coli | 0 | CFU/100mL | 0 | 2018-07-04 | MOE E3407 |
| | | | Free Cl | 0.91 | mg/L | 0.01 | 2018-07-04 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-07-04 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-04 | MOE E3407 |
| 39 McDonagh Cres | 2018-07-03 | 549920 | E.coli | 0 | CFU/100mL | 0 | 2018-07-04 | MOE E3407 |
| | | | Free Cl | 0.98 | mg/L | 0.01 | 2018-07-04 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-07-04 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-04 | MOE E3407 |
| 70 Front Street North | 2018-07-03 | 549921 | E.coli | 0 | CFU/100mL | 0 | 2018-07-04 | MOE E3407 |
| | | | Free Cl | 0.96 | mg/L | 0.01 | 2018-07-04 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-07-04 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-04 | MOE E3407 |
| McMann and Ann | 2018-07-03 | 549922 | E.coli | 0 | CFU/100mL | 0 | 2018-07-04 | MOE E3407 |
| | | | Free Cl | 0.69 | mg/L | 0.01 | 2018-07-04 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-07-04 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-04 | MOE E3407 |
| 3271 Schmon Parkway | 2018-07-03 | 549923 | E.coli | 0 | CFU/100mL | 0 | 2018-07-04 | MOE E3407 |
| | | | Free Cl | 0.96 | mg/L | 0.01 | 2018-07-04 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-07-04 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-04 | MOE E3407 |
| 543 Allanburg Road | 2018-07-03 | 549924 | E.coli | 0 | CFU/100mL | 0 | 2018-07-04 | MOE E3407 |
| | | | Free Cl | 0.59 | mg/L | 0.01 | 2018-07-04 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-07-04 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-04 | MOE E3407 |
| Allanport and Hwy 20 | 2018-07-03 | 549925 | E.coli | 0 | CFU/100mL | 0 | 2018-07-04 | MOE E3407 |
| | | | Free Cl | 0.71 | mg/L | 0.01 | 2018-07-04 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-07-04 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-04 | MOE E3407 |
| Lyndon St | 2018-07-03 | 549926 | E.coli | 0 | CFU/100mL | 0 | 2018-07-04 | MOE E3407 |
| | | | Free Cl | 0.49 | mg/L | 0.01 | 2018-07-04 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-07-04 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-04 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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Email:

Work Order No.:2580295

Received : 2018-07-03

PO Number:

Reported: 2018-07-06

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager

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Work Order No.:2580554

Received : 2018-07-10

PO Number:

Reported: 2018-07-13

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| Lyndon St | 2018-07-10 | 550846 | E.coli | 0 | CFU/100mL | 0 | 2018-07-11 | MOE E3407 |
| | | | Free Cl | 0.61 | mg/L | 0.01 | 2018-07-11 | Field |
| | | | HPC | 2 | CFU/mL | 0 | 2018-07-11 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-11 | MOE E3407 |
| 70 Front Street North | 2018-07-10 | 550847 | E.coli | 0 | CFU/100mL | 0 | 2018-07-11 | MOE E3407 |
| | | | Free Cl | 0.89 | mg/L | 0.01 | 2018-07-11 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-07-11 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-11 | MOE E3407 |
| McMann and Ann | 2018-07-10 | 550848 | E.coli | 0 | CFU/100mL | 0 | 2018-07-11 | MOE E3407 |
| | | | Free Cl | 0.63 | mg/L | 0.01 | 2018-07-11 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-07-11 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-11 | MOE E3407 |
| 39 McDonagh Cres | 2018-07-10 | 550849 | E.coli | 0 | CFU/100mL | 0 | 2018-07-11 | MOE E3407 |
| | | | Free Cl | 0.73 | mg/L | 0.01 | 2018-07-11 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-07-11 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-11 | MOE E3407 |
| 136 Confederation Ave | 2018-07-10 | 550850 | E.coli | 0 | CFU/100mL | 0 | 2018-07-11 | MOE E3407 |
| | | | Free Cl | 0.83 | mg/L | 0.01 | 2018-07-11 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-07-11 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-11 | MOE E3407 |
| 3271 Schmon Parkway | 2018-07-10 | 550851 | E.coli | 0 | CFU/100mL | 0 | 2018-07-11 | MOE E3407 |
| | | | Free Cl | 0.91 | mg/L | 0.01 | 2018-07-11 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-07-11 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-11 | MOE E3407 |
| 543 Allanburg Road | 2018-07-10 | 550852 | E.coli | 0 | CFU/100mL | 0 | 2018-07-11 | MOE E3407 |
| | | | Free Cl | 0.61 | mg/L | 0.01 | 2018-07-11 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-07-11 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-11 | MOE E3407 |
| Allanport and Hwy 20 | 2018-07-10 | 550853 | E.coli | 0 | CFU/100mL | 0 | 2018-07-11 | MOE E3407 |
| | | | Free Cl | 0.72 | mg/L | 0.01 | 2018-07-11 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-07-11 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-11 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager

Page 1 of 2

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Results relate only to items tested as received.



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Tel: 905-227-3535

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Work Order No.:2580554

Received : 2018-07-10

PO Number:

Reported: 2018-07-13

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager

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 Tel: 905-227-3535 Fax: 905-227-3666
Email:

Work Order No.:2580858
 Received : 2018-07-17
 PO Number:
 Reported: 2018-07-20
 Project Name:
 Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| Lyndon St | 2018-07-17 | 551748 | E.coli | 0 | CFU/100mL | 0 | 2018-07-18 | MOE E3407 |
| | | | Free Cl | 0.73 | mg/L | 0.01 | 2018-07-18 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-07-18 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-18 | MOE E3407 |
| 70 Front Street North | 2018-07-17 | 551749 | E.coli | 0 | CFU/100mL | 0 | 2018-07-18 | MOE E3407 |
| | | | Free Cl | 0.86 | mg/L | 0.01 | 2018-07-18 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-07-18 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-18 | MOE E3407 |
| McMann and Ann | 2018-07-17 | 551750 | E.coli | 0 | CFU/100mL | 0 | 2018-07-18 | MOE E3407 |
| | | | Free Cl | 0.76 | mg/L | 0.01 | 2018-07-18 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-07-18 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-18 | MOE E3407 |
| 39 McDonagh Cres | 2018-07-17 | 551751 | E.coli | 0 | CFU/100mL | 0 | 2018-07-18 | MOE E3407 |
| | | | Free Cl | 0.91 | mg/L | 0.01 | 2018-07-18 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-07-18 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-18 | MOE E3407 |
| 136 Confederation Ave | 2018-07-17 | 551752 | E.coli | 0 | CFU/100mL | 0 | 2018-07-18 | MOE E3407 |
| | | | Free Cl | 0.84 | mg/L | 0.01 | 2018-07-18 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-07-18 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-18 | MOE E3407 |
| 3271 Schmon Parkway | 2018-07-17 | 551753 | E.coli | 0 | CFU/100mL | 0 | 2018-07-18 | MOE E3407 |
| | | | Free Cl | 0.90 | mg/L | 0.01 | 2018-07-18 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-07-18 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-18 | MOE E3407 |
| 543 Allanburg Road | 2018-07-17 | 551754 | E.coli | 0 | CFU/100mL | 0 | 2018-07-18 | MOE E3407 |
| | | | Free Cl | 0.58 | mg/L | 0.01 | 2018-07-18 | Field |
| | | | HPC | 2 | CFU/mL | 0 | 2018-07-18 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-18 | MOE E3407 |
| Allanport and Hwy 20 | 2018-07-17 | 551755 | E.coli | 0 | CFU/100mL | 0 | 2018-07-18 | MOE E3407 |
| | | | Free Cl | 0.63 | mg/L | 0.01 | 2018-07-18 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-07-18 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-18 | MOE E3407 |

Reported by:

 Nilou Ghazi, Ph.D.,P.Eng.
 Laboratory Manager



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Email:

Work Order No.:2580858

Received : 2018-07-17

PO Number:

Reported: 2018-07-20

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Email:

Work Order No.:2581015
Received : 2018-07-23
PO Number:
Reported: 2018-07-24
Project Name: Watermain Break
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|---------------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| 48 Manley Cres | | | | | | | | |
| Upstrm-Hyd W-13-9 | 2018-07-23 | 552102 | E.coli | 0 | CFU/100mL | 0 | 2018-07-23 | MOE E3407 |
| | | | Free Cl | 0.61 | mg/L | 0.01 | 2018-07-23 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-23 | MOE E3407 |
| Dwnstrm-Hyd W-13-8 | 2018-07-23 | 552103 | E.coli | 0 | CFU/100mL | 0 | 2018-07-23 | MOE E3407 |
| | | | Free Cl | 0.69 | mg/L | 0.01 | 2018-07-23 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-23 | MOE E3407 |

Reported by:

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Work Order No.:2581182

Received : 2018-07-24

PO Number:

Reported: 2018-07-27

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| Lyndon St | 2018-07-24 | 552758 | E.coli | 0 | CFU/100mL | 0 | 2018-07-25 | MOE E3407 |
| | | | Free Cl | 0.57 | mg/L | 0.01 | 2018-07-25 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-07-25 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-25 | MOE E3407 |
| 70 Front Street North | 2018-07-24 | 552759 | E.coli | 0 | CFU/100mL | 0 | 2018-07-25 | MOE E3407 |
| | | | Free Cl | 0.83 | mg/L | 0.01 | 2018-07-25 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-07-25 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-25 | MOE E3407 |
| McMann and Ann | 2018-07-24 | 552760 | E.coli | 0 | CFU/100mL | 0 | 2018-07-25 | MOE E3407 |
| | | | Free Cl | 0.61 | mg/L | 0.01 | 2018-07-25 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-07-25 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-25 | MOE E3407 |
| 39 McDonagh Cres | 2018-07-24 | 552761 | E.coli | 0 | CFU/100mL | 0 | 2018-07-25 | MOE E3407 |
| | | | Free Cl | 0.83 | mg/L | 0.01 | 2018-07-25 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-07-25 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-25 | MOE E3407 |
| 136 Confederation Ave | 2018-07-24 | 552762 | E.coli | 0 | CFU/100mL | 0 | 2018-07-25 | MOE E3407 |
| | | | Free Cl | 0.81 | mg/L | 0.01 | 2018-07-25 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-07-25 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-25 | MOE E3407 |
| 3271 Schmon Parkway | 2018-07-24 | 552763 | E.coli | 0 | CFU/100mL | 0 | 2018-07-25 | MOE E3407 |
| | | | Free Cl | 0.94 | mg/L | 0.01 | 2018-07-25 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-07-25 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-25 | MOE E3407 |
| 543 Allanburg Road | 2018-07-24 | 552764 | E.coli | 0 | CFU/100mL | 0 | 2018-07-25 | MOE E3407 |
| | | | Free Cl | 0.55 | mg/L | 0.01 | 2018-07-25 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-07-25 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-25 | MOE E3407 |
| Allanport and Hwy 20 | 2018-07-24 | 552765 | E.coli | 0 | CFU/100mL | 0 | 2018-07-25 | MOE E3407 |
| | | | Free Cl | 0.59 | mg/L | 0.01 | 2018-07-25 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-07-25 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-07-25 | MOE E3407 |

Reported by:

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Laboratory Manager



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Work Order No.:2581182

Received : 2018-07-24

PO Number:

Reported: 2018-07-27

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

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Work Order No.:2581494
 Received : 2018-07-31
 PO Number:
 Reported: 2018-08-03
 Project Name:
 Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| Lyndon St | 2018-07-31 | 553763 | E.coli | 0 | CFU/100mL | 0 | 2018-08-01 | MOE E3407 |
| | | | Free Cl | 0.46 | mg/L | 0.01 | 2018-08-01 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-01 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-01 | MOE E3407 |
| 70 Front Street North | 2018-07-31 | 553764 | E.coli | 0 | CFU/100mL | 0 | 2018-08-01 | MOE E3407 |
| | | | Free Cl | 0.72 | mg/L | 0.01 | 2018-08-01 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-08-01 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-01 | MOE E3407 |
| McMann and Ann | 2018-07-31 | 553765 | E.coli | 0 | CFU/100mL | 0 | 2018-08-01 | MOE E3407 |
| | | | Free Cl | 0.46 | mg/L | 0.01 | 2018-08-01 | Field |
| | | | HPC | 2 | CFU/mL | 0 | 2018-08-01 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-01 | MOE E3407 |
| 39 McDonagh Cres | 2018-07-31 | 553766 | E.coli | 0 | CFU/100mL | 0 | 2018-08-01 | MOE E3407 |
| | | | Free Cl | 0.62 | mg/L | 0.01 | 2018-08-01 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-01 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-01 | MOE E3407 |
| 136 Confederation Ave | 2018-07-31 | 553767 | E.coli | 0 | CFU/100mL | 0 | 2018-08-01 | MOE E3407 |
| | | | Free Cl | 0.70 | mg/L | 0.01 | 2018-08-01 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-01 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-01 | MOE E3407 |
| 3271 Schmon Parkway | 2018-07-31 | 553768 | E.coli | 0 | CFU/100mL | 0 | 2018-08-01 | MOE E3407 |
| | | | Free Cl | 0.55 | mg/L | 0.01 | 2018-08-01 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-01 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-01 | MOE E3407 |
| 543 Allanburg Road | 2018-07-31 | 553769 | E.coli | 0 | CFU/100mL | 0 | 2018-08-01 | MOE E3407 |
| | | | Free Cl | 0.45 | mg/L | 0.01 | 2018-08-01 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-01 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-01 | MOE E3407 |
| Allanport and Hwy 20 | 2018-07-31 | 553770 | E.coli | 0 | CFU/100mL | 0 | 2018-08-01 | MOE E3407 |
| | | | Free Cl | 0.63 | mg/L | 0.01 | 2018-08-01 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-01 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-01 | MOE E3407 |

Reported by:

 Nilou Ghazi, Ph.D.,P.Eng.
 Laboratory Manager

Page 1 of 2

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Email:

Work Order No.:2581494

Received : 2018-07-31

PO Number:

Reported: 2018-08-03

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Work Order No.:2581875
Received : 2018-08-07
PO Number:
Reported: 2018-08-10
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| Lyndon St | 2018-08-07 | 554911 | E.coli | 0 | CFU/100mL | 0 | 2018-08-08 | MOE E3407 |
| | | | Free Cl | 0.58 | mg/L | 0.01 | 2018-08-08 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-08 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-08 | MOE E3407 |
| 70 Front Street North | 2018-08-07 | 554912 | E.coli | 0 | CFU/100mL | 0 | 2018-08-08 | MOE E3407 |
| | | | Free Cl | 0.48 | mg/L | 0.01 | 2018-08-08 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-08 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-08 | MOE E3407 |
| McMann and Ann | 2018-08-07 | 554913 | E.coli | 0 | CFU/100mL | 0 | 2018-08-08 | MOE E3407 |
| | | | Free Cl | 0.37 | mg/L | 0.01 | 2018-08-08 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-08 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-08 | MOE E3407 |
| 39 McDonagh Cres | 2018-08-07 | 554914 | E.coli | 0 | CFU/100mL | 0 | 2018-08-08 | MOE E3407 |
| | | | Free Cl | 0.37 | mg/L | 0.01 | 2018-08-08 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-08 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-08 | MOE E3407 |
| 136 Confederation Ave | 2018-08-07 | 554915 | E.coli | 0 | CFU/100mL | 0 | 2018-08-08 | MOE E3407 |
| | | | Free Cl | 0.63 | mg/L | 0.01 | 2018-08-08 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-08 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-08 | MOE E3407 |
| 3271 Schmon Parkway | 2018-08-07 | 554916 | E.coli | 0 | CFU/100mL | 0 | 2018-08-08 | MOE E3407 |
| | | | Free Cl | 0.68 | mg/L | 0.01 | 2018-08-08 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-08 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-08 | MOE E3407 |
| 543 Allanburg Road | 2018-08-07 | 554917 | E.coli | 0 | CFU/100mL | 0 | 2018-08-08 | MOE E3407 |
| | | | Free Cl | 0.52 | mg/L | 0.01 | 2018-08-08 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-08 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-08 | MOE E3407 |
| Allanport and Hwy 20 | 2018-08-07 | 554918 | E.coli | 0 | CFU/100mL | 0 | 2018-08-08 | MOE E3407 |
| | | | Free Cl | 0.68 | mg/L | 0.01 | 2018-08-08 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-08 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-08 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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Steve Santo
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Email:

Work Order No.:2581875

Received : 2018-08-07

PO Number:

Reported: 2018-08-10

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Work Order No.:2582079
Received : 2018-08-14
PO Number:
Reported: 2018-08-17
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| Lyndon St | 2018-08-14 | 555672 | E.coli | 0 | CFU/100mL | 0 | 2018-08-15 | MOE E3407 |
| | | | Free Cl | 0.61 | mg/L | 0.01 | 2018-08-15 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-15 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-15 | MOE E3407 |
| 70 Front Street North | 2018-08-14 | 555673 | E.coli | 0 | CFU/100mL | 0 | 2018-08-15 | MOE E3407 |
| | | | Free Cl | 0.88 | mg/L | 0.01 | 2018-08-15 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-15 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-15 | MOE E3407 |
| McMann and Ann | 2018-08-14 | 555680 | E.coli | 0 | CFU/100mL | 0 | 2018-08-15 | MOE E3407 |
| | | | Free Cl | 0.51 | mg/L | 0.01 | 2018-08-15 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-15 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-15 | MOE E3407 |
| 39 McDonagh Cres | 2018-08-14 | 555681 | E.coli | 0 | CFU/100mL | 0 | 2018-08-15 | MOE E3407 |
| | | | Free Cl | 0.76 | mg/L | 0.01 | 2018-08-15 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-15 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-15 | MOE E3407 |
| 136 Confederation Ave | 2018-08-14 | 555682 | E.coli | 0 | CFU/100mL | 0 | 2018-08-15 | MOE E3407 |
| | | | Free Cl | 0.63 | mg/L | 0.01 | 2018-08-15 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-15 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-15 | MOE E3407 |
| 3271 Schmon Parkway | 2018-08-14 | 555683 | E.coli | 0 | CFU/100mL | 0 | 2018-08-15 | MOE E3407 |
| | | | Free Cl | 0.76 | mg/L | 0.01 | 2018-08-15 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-15 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-15 | MOE E3407 |
| 543 Allanburg Road | 2018-08-14 | 555684 | E.coli | 0 | CFU/100mL | 0 | 2018-08-15 | MOE E3407 |
| | | | Free Cl | 0.55 | mg/L | 0.01 | 2018-08-15 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-15 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-15 | MOE E3407 |
| Allanport and Hwy 20 | 2018-08-14 | 555685 | E.coli | 0 | CFU/100mL | 0 | 2018-08-15 | MOE E3407 |
| | | | Free Cl | 0.75 | mg/L | 0.01 | 2018-08-15 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-15 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-15 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

All work has been performed using accepted testing methodologies, except where otherwise agreed to by the client in writing. Our total liability in connection with this work shall be limited to the amount paid by the client. Results relate only to items tested as received.



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Email:

Work Order No.:2582079

Received : 2018-08-14

PO Number:

Reported: 2018-08-17

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Work Order No.:2582298

Received : 2018-08-22

PO Number:

Reported: 2018-08-29

Project Name: THMs

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|-------------------------------|------------|---------------|-----------------|--------|----------|-----|------------|---------------|
| | Date | Lab ID | | | | | Analyzed | |
| Allanport & Hwy 20 | 2018-08-22 | 556420 | Trihalomethanes | See | Attached | N/A | 2018-08-28 | Subcontracted |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Work Order No.:2582301

Received : 2018-08-22

PO Number:

Reported: 2018-09-04

Project Name: HAA

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|-----------------------|------------|---------------|-----------------------|--------|----------|-----|------------|---------------|
| | Date | Lab ID | | | | | Analyzed | |
| Schmon Parkway | 2018-08-22 | 556424 | HAA (Haloacetic Acid) | See | Attached | N/A | 2018-08-31 | Subcontracted |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Work Order No.:2582367
Received : 2018-08-21
PO Number:
Reported: 2018-08-24
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| Lyndon St | 2018-08-21 | 556639 | E.coli | 0 | CFU/100mL | 0 | 2018-08-22 | MOE E3407 |
| | | | Free Cl | 0.51 | mg/L | 0.01 | 2018-08-22 | Field |
| | | | HPC | 2 | CFU/mL | 0 | 2018-08-22 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-22 | MOE E3407 |
| 70 Front Street North | 2018-08-21 | 556640 | E.coli | 0 | CFU/100mL | 0 | 2018-08-22 | MOE E3407 |
| | | | Free Cl | 0.68 | mg/L | 0.01 | 2018-08-22 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-08-22 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-22 | MOE E3407 |
| McMann and Ann | 2018-08-21 | 556641 | E.coli | 0 | CFU/100mL | 0 | 2018-08-22 | MOE E3407 |
| | | | Free Cl | 0.28 | mg/L | 0.01 | 2018-08-22 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-22 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-22 | MOE E3407 |
| 39 McDonagh Cres | 2018-08-21 | 556642 | E.coli | 0 | CFU/100mL | 0 | 2018-08-22 | MOE E3407 |
| | | | Free Cl | 0.66 | mg/L | 0.01 | 2018-08-22 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-22 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-22 | MOE E3407 |
| 136 Confederation Ave | 2018-08-21 | 556643 | E.coli | 0 | CFU/100mL | 0 | 2018-08-22 | MOE E3407 |
| | | | Free Cl | 0.29 | mg/L | 0.01 | 2018-08-22 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-08-22 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-22 | MOE E3407 |
| 3271 Schmon Parkway | 2018-08-21 | 556644 | E.coli | 0 | CFU/100mL | 0 | 2018-08-22 | MOE E3407 |
| | | | Free Cl | 0.50 | mg/L | 0.01 | 2018-08-22 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-22 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-22 | MOE E3407 |
| 543 Allanburg Road | 2018-08-21 | 556645 | E.coli | 0 | CFU/100mL | 0 | 2018-08-22 | MOE E3407 |
| | | | Free Cl | 0.59 | mg/L | 0.01 | 2018-08-22 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-22 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-22 | MOE E3407 |
| Allanport and Hwy 20 | 2018-08-21 | 556646 | E.coli | 0 | CFU/100mL | 0 | 2018-08-22 | MOE E3407 |
| | | | Free Cl | 0.71 | mg/L | 0.01 | 2018-08-22 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-08-22 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-22 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

All work has been performed using accepted testing methodologies, except where otherwise agreed to by the client in writing. Our total liability in connection with this work shall be limited to the amount paid by the client. Results relate only to items tested as received.



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Work Order No.:2582367

Received : 2018-08-21

PO Number:

Reported: 2018-08-24

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Work Order No.:2582602
Received : 2018-08-28
PO Number:
Reported: 2018-08-29
Project Name: Contractor Repair
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|--------------------------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| Upstrm-Hyd Venture & Spar | 2018-08-28 | 557379 | E.coli | 0 | CFU/100mL | 0 | 2018-08-28 | MOE E3407 |
| | | | Free Cl | 0.30 | mg/L | 0.01 | 2018-08-28 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-28 | MOE E3407 |
| Dwnstrm-Harmony & Ventu | 2018-08-28 | 557380 | E.coli | 0 | CFU/100mL | 0 | 2018-08-28 | MOE E3407 |
| | | | Free Cl | 0.31 | mg/L | 0.01 | 2018-08-28 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-28 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
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Work Order No.:2582666
Received : 2018-08-28
PO Number:
Reported: 2018-08-31
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| Lyndon St | 2018-08-28 | 557585 | E.coli | 0 | CFU/100mL | 0 | 2018-08-29 | MOE E3407 |
| | | | Free Cl | 0.40 | mg/L | 0.01 | 2018-08-29 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-29 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-29 | MOE E3407 |
| 70 Front Street North | 2018-08-28 | 557586 | E.coli | 0 | CFU/100mL | 0 | 2018-08-29 | MOE E3407 |
| | | | Free Cl | 0.87 | mg/L | 0.01 | 2018-08-29 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-08-29 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-29 | MOE E3407 |
| McMann and Ann | 2018-08-28 | 557587 | E.coli | 0 | CFU/100mL | 0 | 2018-08-29 | MOE E3407 |
| | | | Free Cl | 0.45 | mg/L | 0.01 | 2018-08-29 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-29 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-29 | MOE E3407 |
| 39 McDonagh Cres | 2018-08-28 | 557588 | E.coli | 0 | CFU/100mL | 0 | 2018-08-29 | MOE E3407 |
| | | | Free Cl | 0.64 | mg/L | 0.01 | 2018-08-29 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-29 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-29 | MOE E3407 |
| 136 Confederation Ave | 2018-08-28 | 557589 | E.coli | 0 | CFU/100mL | 0 | 2018-08-29 | MOE E3407 |
| | | | Free Cl | 0.74 | mg/L | 0.01 | 2018-08-29 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-29 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-29 | MOE E3407 |
| 3271 Schmon Parkway | 2018-08-28 | 557590 | E.coli | 0 | CFU/100mL | 0 | 2018-08-29 | MOE E3407 |
| | | | Free Cl | 0.76 | mg/L | 0.01 | 2018-08-29 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-29 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-29 | MOE E3407 |
| 543 Allanburg Road | 2018-08-28 | 557591 | E.coli | 0 | CFU/100mL | 0 | 2018-08-29 | MOE E3407 |
| | | | Free Cl | 0.57 | mg/L | 0.01 | 2018-08-29 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-29 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-29 | MOE E3407 |
| Allanport and Hwy 20 | 2018-08-28 | 557592 | E.coli | 0 | CFU/100mL | 0 | 2018-08-29 | MOE E3407 |
| | | | Free Cl | 0.73 | mg/L | 0.01 | 2018-08-29 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-08-29 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-08-29 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager



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Work Order No.:2582666

Received : 2018-08-28

PO Number:

Reported: 2018-08-31

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Work Order No.:2582924
 Received : 2018-09-04
 PO Number:
 Reported: 2018-09-07
 Project Name:
 Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| Lyndon St | 2018-09-04 | 558401 | E.coli | 0 | CFU/100mL | 0 | 2018-09-05 | MOE E3407 |
| | | | Free Cl | 0.30 | mg/L | 0.01 | 2018-09-05 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-05 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-05 | MOE E3407 |
| 70 Front Street North | 2018-09-04 | 558402 | E.coli | 0 | CFU/100mL | 0 | 2018-09-05 | MOE E3407 |
| | | | Free Cl | 0.30 | mg/L | 0.01 | 2018-09-05 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-05 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-05 | MOE E3407 |
| McMann and Ann | 2018-09-04 | 558403 | E.coli | 0 | CFU/100mL | 0 | 2018-09-05 | MOE E3407 |
| | | | Free Cl | 0.39 | mg/L | 0.01 | 2018-09-05 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-05 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-05 | MOE E3407 |
| 39 McDonagh Cres | 2018-09-04 | 558404 | E.coli | 0 | CFU/100mL | 0 | 2018-09-05 | MOE E3407 |
| | | | Free Cl | 0.50 | mg/L | 0.01 | 2018-09-05 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-05 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-05 | MOE E3407 |
| 136 Confederation Ave | 2018-09-04 | 558405 | E.coli | 0 | CFU/100mL | 0 | 2018-09-05 | MOE E3407 |
| | | | Free Cl | 0.75 | mg/L | 0.01 | 2018-09-05 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-05 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-05 | MOE E3407 |
| 3271 Schmon Parkway | 2018-09-04 | 558406 | E.coli | 0 | CFU/100mL | 0 | 2018-09-05 | MOE E3407 |
| | | | Free Cl | 0.62 | mg/L | 0.01 | 2018-09-05 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-05 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-05 | MOE E3407 |
| 543 Allanburg Road | 2018-09-04 | 558407 | E.coli | 0 | CFU/100mL | 0 | 2018-09-05 | MOE E3407 |
| | | | Free Cl | 0.57 | mg/L | 0.01 | 2018-09-05 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-05 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-05 | MOE E3407 |
| Allanport and Hwy 20 | 2018-09-04 | 558408 | E.coli | 0 | CFU/100mL | 0 | 2018-09-05 | MOE E3407 |
| | | | Free Cl | 0.76 | mg/L | 0.01 | 2018-09-05 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-05 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-05 | MOE E3407 |

Reported by:

 Nilou Ghazi, Ph.D.,P.Eng.
 Laboratory Manager

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Work Order No.:2582924

Received : 2018-09-04

PO Number:

Reported: 2018-09-07

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



E3 Laboratories Inc.

SS#4, 360 York Rd., Unit 10, Niagara-on-the-Lake, Ontario L0S 1J0

Email: info@e3labs.ca

Tel: (905) 641-9000, Fax: (905) 641-9001

CERTIFICATE OF ANALYSIS

Thorold (Decew) Distribution System
 Steve Santo
 3540 Schmon Parkway, PO Box 1044
 Thorold
 L2V 4A7
 Tel: 905-227-3535 Fax: 905-227-3666
Email:

Work Order No.:2583265
 Received : 2018-09-11
 PO Number:
 Reported: 2018-09-14
 Project Name:
 Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| Lyndon St | 2018-09-11 | 559484 | E.coli | 0 | CFU/100mL | 0 | 2018-09-12 | MOE E3407 |
| | | | Free Cl | 0.44 | mg/L | 0.01 | 2018-09-12 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-12 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-12 | MOE E3407 |
| 70 Front Street North | 2018-09-11 | 559485 | E.coli | 0 | CFU/100mL | 0 | 2018-09-12 | MOE E3407 |
| | | | Free Cl | 0.76 | mg/L | 0.01 | 2018-09-12 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-12 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-12 | MOE E3407 |
| McMann and Ann | 2018-09-11 | 559486 | E.coli | 0 | CFU/100mL | 0 | 2018-09-12 | MOE E3407 |
| | | | Free Cl | 0.36 | mg/L | 0.01 | 2018-09-12 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-12 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-12 | MOE E3407 |
| 39 McDonagh Cres | 2018-09-11 | 559487 | E.coli | 0 | CFU/100mL | 0 | 2018-09-12 | MOE E3407 |
| | | | Free Cl | 0.71 | mg/L | 0.01 | 2018-09-12 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-12 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-12 | MOE E3407 |
| 136 Confederation Ave | 2018-09-11 | 559488 | E.coli | 0 | CFU/100mL | 0 | 2018-09-12 | MOE E3407 |
| | | | Free Cl | 0.68 | mg/L | 0.01 | 2018-09-12 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-12 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-12 | MOE E3407 |
| 3271 Schmon Parkway | 2018-09-11 | 559489 | E.coli | 0 | CFU/100mL | 0 | 2018-09-12 | MOE E3407 |
| | | | Free Cl | 0.60 | mg/L | 0.01 | 2018-09-12 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-12 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-12 | MOE E3407 |
| 543 Allanburg Road | 2018-09-11 | 559490 | E.coli | 0 | CFU/100mL | 0 | 2018-09-12 | MOE E3407 |
| | | | Free Cl | 0.46 | mg/L | 0.01 | 2018-09-12 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-12 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-12 | MOE E3407 |
| Allanport and Hwy 20 | 2018-09-11 | 559491 | E.coli | 0 | CFU/100mL | 0 | 2018-09-12 | MOE E3407 |
| | | | Free Cl | 0.86 | mg/L | 0.01 | 2018-09-12 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-12 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-12 | MOE E3407 |

Reported by:

 Nilou Ghazi, Ph.D.,P.Eng.
 Laboratory Manager

All work has been performed using accepted testing methodologies, except where otherwise agreed to by the client in writing. Our total liability in connection with this work shall be limited to the amount paid by the client. Results relate only to items tested as received.



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CERTIFICATE OF ANALYSIS

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Fax: 905-227-3666

Email:

Work Order No.:2583265

Received : 2018-09-11

PO Number:

Reported: 2018-09-14

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Email:

Work Order No.:2583644
Received : 2018-09-18
PO Number:
Reported: 2018-09-21
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| Lyndon St | 2018-09-18 | 560582 | E.coli | 0 | CFU/100mL | 0 | 2018-09-19 | MOE E3407 |
| | | | Free Cl | 0.56 | mg/L | 0.01 | 2018-09-19 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-19 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-19 | MOE E3407 |
| 70 Front Street North | 2018-09-18 | 560583 | E.coli | 0 | CFU/100mL | 0 | 2018-09-19 | MOE E3407 |
| | | | Free Cl | 0.90 | mg/L | 0.01 | 2018-09-19 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-09-19 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-19 | MOE E3407 |
| McMann and Ann | 2018-09-18 | 560584 | E.coli | 0 | CFU/100mL | 0 | 2018-09-19 | MOE E3407 |
| | | | Free Cl | 0.48 | mg/L | 0.01 | 2018-09-19 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-19 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-19 | MOE E3407 |
| 39 McDonagh Cres | 2018-09-18 | 560585 | E.coli | 0 | CFU/100mL | 0 | 2018-09-19 | MOE E3407 |
| | | | Free Cl | 0.74 | mg/L | 0.01 | 2018-09-19 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-19 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-19 | MOE E3407 |
| 136 Confederation Ave | 2018-09-18 | 560586 | E.coli | 0 | CFU/100mL | 0 | 2018-09-19 | MOE E3407 |
| | | | Free Cl | 0.64 | mg/L | 0.01 | 2018-09-19 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-19 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-19 | MOE E3407 |
| 3271 Schmon Parkway | 2018-09-18 | 560587 | E.coli | 0 | CFU/100mL | 0 | 2018-09-19 | MOE E3407 |
| | | | Free Cl | 0.75 | mg/L | 0.01 | 2018-09-19 | Field |
| | | | HPC | 3 | CFU/mL | 0 | 2018-09-19 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-19 | MOE E3407 |
| 543 Allanburg Road | 2018-09-18 | 560588 | E.coli | 0 | CFU/100mL | 0 | 2018-09-19 | MOE E3407 |
| | | | Free Cl | 0.50 | mg/L | 0.01 | 2018-09-19 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-19 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-19 | MOE E3407 |
| Allanport and Hwy 20 | 2018-09-18 | 560589 | E.coli | 0 | CFU/100mL | 0 | 2018-09-19 | MOE E3407 |
| | | | Free Cl | 0.75 | mg/L | 0.01 | 2018-09-19 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-09-19 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-19 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager



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Email:

Work Order No.:2583644

Received : 2018-09-18

PO Number:

Reported: 2018-09-21

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Email: Y

Work Order No.:2583948
Received : 2018-09-25
PO Number:
Reported: 2018-09-28
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| Lyndon St | 2018-09-25 | 561493 | E.coli | 0 | CFU/100mL | 0 | 2018-09-26 | MOE E3407 |
| | | | Free Cl | 0.42 | mg/L | 0.01 | 2018-09-26 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-26 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-26 | MOE E3407 |
| 70 Front Street North | 2018-09-25 | 561494 | E.coli | 0 | CFU/100mL | 0 | 2018-09-26 | MOE E3407 |
| | | | Free Cl | 0.63 | mg/L | 0.01 | 2018-09-26 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-09-26 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-26 | MOE E3407 |
| McMann and Ann | 2018-09-25 | 561495 | E.coli | 0 | CFU/100mL | 0 | 2018-09-26 | MOE E3407 |
| | | | Free Cl | 0.42 | mg/L | 0.01 | 2018-09-26 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-26 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-26 | MOE E3407 |
| 39 McDonagh Cres | 2018-09-25 | 561496 | E.coli | 0 | CFU/100mL | 0 | 2018-09-26 | MOE E3407 |
| | | | Free Cl | 0.63 | mg/L | 0.01 | 2018-09-26 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-26 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-26 | MOE E3407 |
| 136 Confederation Ave | 2018-09-25 | 561497 | E.coli | 0 | CFU/100mL | 0 | 2018-09-26 | MOE E3407 |
| | | | Free Cl | 0.79 | mg/L | 0.01 | 2018-09-26 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-26 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-26 | MOE E3407 |
| 3271 Schmon Parkway | 2018-09-25 | 561498 | E.coli | 0 | CFU/100mL | 0 | 2018-09-26 | MOE E3407 |
| | | | Free Cl | 0.67 | mg/L | 0.01 | 2018-09-26 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-26 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-26 | MOE E3407 |
| 543 Allanburg Road | 2018-09-25 | 561499 | E.coli | 0 | CFU/100mL | 0 | 2018-09-26 | MOE E3407 |
| | | | Free Cl | 0.52 | mg/L | 0.01 | 2018-09-26 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-26 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-26 | MOE E3407 |
| Allanport and Hwy 20 | 2018-09-25 | 561500 | E.coli | 0 | CFU/100mL | 0 | 2018-09-26 | MOE E3407 |
| | | | Free Cl | 0.79 | mg/L | 0.01 | 2018-09-26 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-09-26 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-09-26 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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Thorold
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Tel: 905-227-3535

Fax: 905-227-3666

Email: Y

Work Order No.:2583948

Received : 2018-09-25

PO Number:

Reported: 2018-09-28

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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CERTIFICATE OF ANALYSIS

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 L2V 4A7
 Tel: 905-227-3535 Fax: 905-227-3666
Email:

Work Order No.:2584251
 Received : 2018-10-02
 PO Number:
 Reported: 2018-10-05
 Project Name:
 Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| Lyndon St | 2018-10-02 | 562473 | E.coli | 0 | CFU/100mL | 0 | 2018-10-03 | MOE E3407 |
| | | | Free Cl | 0.51 | mg/L | 0.01 | 2018-10-03 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-10-03 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-03 | MOE E3407 |
| 70 Front Street North | 2018-10-02 | 562474 | E.coli | 0 | CFU/100mL | 0 | 2018-10-03 | MOE E3407 |
| | | | Free Cl | 1.07 | mg/L | 0.01 | 2018-10-03 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-03 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-03 | MOE E3407 |
| McMann and Ann | 2018-10-02 | 562475 | E.coli | 0 | CFU/100mL | 0 | 2018-10-03 | MOE E3407 |
| | | | Free Cl | 0.64 | mg/L | 0.01 | 2018-10-03 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-03 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-03 | MOE E3407 |
| 39 McDonagh Cres | 2018-10-02 | 562476 | E.coli | 0 | CFU/100mL | 0 | 2018-10-03 | MOE E3407 |
| | | | Free Cl | 0.91 | mg/L | 0.01 | 2018-10-03 | Field |
| | | | HPC | 3 | CFU/mL | 0 | 2018-10-03 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-03 | MOE E3407 |
| 136 Confederation Ave | 2018-10-02 | 562477 | E.coli | 0 | CFU/100mL | 0 | 2018-10-03 | MOE E3407 |
| | | | Free Cl | 0.83 | mg/L | 0.01 | 2018-10-03 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-10-03 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-03 | MOE E3407 |
| 3271 Schmon Parkway | 2018-10-02 | 562478 | E.coli | 0 | CFU/100mL | 0 | 2018-10-03 | MOE E3407 |
| | | | Free Cl | 0.88 | mg/L | 0.01 | 2018-10-03 | Field |
| | | | HPC | 2 | CFU/mL | 0 | 2018-10-03 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-03 | MOE E3407 |
| 543 Allanburg Road | 2018-10-02 | 562479 | E.coli | 0 | CFU/100mL | 0 | 2018-10-03 | MOE E3407 |
| | | | Free Cl | 0.50 | mg/L | 0.01 | 2018-10-03 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-03 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-03 | MOE E3407 |
| Allanport and Hwy 20 | 2018-10-02 | 562480 | E.coli | 0 | CFU/100mL | 0 | 2018-10-03 | MOE E3407 |
| | | | Free Cl | 0.69 | mg/L | 0.01 | 2018-10-03 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-03 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-03 | MOE E3407 |

Reported by:

 Nilou Ghazi, Ph.D.,P.Eng.
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Tel: 905-227-3535

Fax: 905-227-3666

Email:

Work Order No.:2584251

Received : 2018-10-02

PO Number:

Reported: 2018-10-05

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Work Order No.:2584387

Received : 2018-10-09

PO Number:

Reported: 2018-10-11

Project Name: Rolling Meadows Phase II

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|--------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| SP Point 2# | 2018-10-09 | 562829 | E.coli | 0 | CFU/100mL | 0 | 2018-10-09 | MOE E3407 |
| | | | Free Cl | 0.50 | mg/L | 0.01 | 2018-10-09 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-09 | MOE E3407 |
| SP Point 3# | 2018-10-09 | 562830 | E.coli | 0 | CFU/100mL | 0 | 2018-10-09 | MOE E3407 |
| | | | Free Cl | 0.38 | mg/L | 0.01 | 2018-10-09 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-09 | MOE E3407 |
| SP Point 4# | 2018-10-09 | 562831 | E.coli | 0 | CFU/100mL | 0 | 2018-10-09 | MOE E3407 |
| | | | Free Cl | 0.37 | mg/L | 0.01 | 2018-10-09 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-09 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Work Order No.:2584498
Received : 2018-10-09
PO Number:
Reported: 2018-10-12
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| Lyndon St | 2018-10-09 | 563148 | E.coli | 0 | CFU/100mL | 0 | 2018-10-10 | MOE E3407 |
| | | | Free Cl | 0.65 | mg/L | 0.01 | 2018-10-10 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-10 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-10 | MOE E3407 |
| 70 Front Street North | 2018-10-09 | 563149 | E.coli | 0 | CFU/100mL | 0 | 2018-10-10 | MOE E3407 |
| | | | Free Cl | 1.04 | mg/L | 0.01 | 2018-10-10 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-10 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-10 | MOE E3407 |
| McMann and Ann | 2018-10-09 | 563150 | E.coli | 0 | CFU/100mL | 0 | 2018-10-10 | MOE E3407 |
| | | | Free Cl | 0.64 | mg/L | 0.01 | 2018-10-10 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-10 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-10 | MOE E3407 |
| 39 McDonagh Cres | 2018-10-09 | 563151 | E.coli | 0 | CFU/100mL | 0 | 2018-10-10 | MOE E3407 |
| | | | Free Cl | 0.90 | mg/L | 0.01 | 2018-10-10 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-10-10 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-10 | MOE E3407 |
| 136 Confederation Ave | 2018-10-09 | 563152 | E.coli | 0 | CFU/100mL | 0 | 2018-10-10 | MOE E3407 |
| | | | Free Cl | 0.88 | mg/L | 0.01 | 2018-10-10 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-10-10 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-10 | MOE E3407 |
| 3271 Schmon Parkway | 2018-10-09 | 563153 | E.coli | 0 | CFU/100mL | 0 | 2018-10-10 | MOE E3407 |
| | | | Free Cl | 0.66 | mg/L | 0.01 | 2018-10-10 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-10-10 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-10 | MOE E3407 |
| 543 Allanburg Road | 2018-10-09 | 563154 | E.coli | 0 | CFU/100mL | 0 | 2018-10-10 | MOE E3407 |
| | | | Free Cl | 0.76 | mg/L | 0.01 | 2018-10-10 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-10 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-10 | MOE E3407 |
| Allanport and Hwy 20 | 2018-10-09 | 563155 | E.coli | 0 | CFU/100mL | 0 | 2018-10-10 | MOE E3407 |
| | | | Free Cl | 0.86 | mg/L | 0.01 | 2018-10-10 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-10 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-10 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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Steve Santo
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Work Order No.:2584498

Received : 2018-10-09

PO Number:

Reported: 2018-10-12

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Work Order No.:2584547
Received : 2018-10-10
PO Number:
Reported: 2018-10-11
Project Name: Rolling Meadows-Phase
II-Second Set
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|--------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| SP-Point 2# | 2018-10-10 | 563391 | E.coli | 0 | CFU/100mL | 0 | 2018-10-10 | MOE E3407 |
| | | | Free Cl | 0.29 | mg/L | 0.01 | 2018-10-10 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-10 | MOE E3407 |
| SP-Point 3# | 2018-10-10 | 563392 | E.coli | 0 | CFU/100mL | 0 | 2018-10-10 | MOE E3407 |
| | | | Free Cl | 0.30 | mg/L | 0.01 | 2018-10-10 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-10 | MOE E3407 |
| SP-Point 4# | 2018-10-10 | 563393 | E.coli | 0 | CFU/100mL | 0 | 2018-10-10 | MOE E3407 |
| | | | Free Cl | 0.26 | mg/L | 0.01 | 2018-10-10 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-10 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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Work Order No.:2584667

Received : 2018-10-15

PO Number:

Reported: 2018-10-16

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|---------------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| Upstrm-Hyd W-2A-28 | 2018-10-15 | 563730 | E.coli | 0 | CFU/100mL | 0 | 2018-10-15 | MOE E3407 |
| | | | Free Cl | 0.83 | mg/L | 0.01 | 2018-10-15 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-15 | MOE E3407 |
| Dwnstrm-Hyd W2A-20 | 2018-10-15 | 563731 | E.coli | 0 | CFU/100mL | 0 | 2018-10-15 | MOE E3407 |
| | | | Free Cl | 0.78 | mg/L | 0.01 | 2018-10-15 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-15 | MOE E3407 |

Reported by:

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Work Order No.:2584850
Received : 2018-10-16
PO Number:
Reported: 2018-10-19
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| Lyndon St | 2018-10-16 | 564444 | E.coli | 0 | CFU/100mL | 0 | 2018-10-17 | MOE E3407 |
| | | | Free Cl | 0.71 | mg/L | 0.01 | 2018-10-17 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-17 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-17 | MOE E3407 |
| 70 Front Street North | 2018-10-16 | 564445 | E.coli | 0 | CFU/100mL | 0 | 2018-10-17 | MOE E3407 |
| | | | Free Cl | 0.86 | mg/L | 0.01 | 2018-10-17 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-17 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-17 | MOE E3407 |
| McMann and Ann | 2018-10-16 | 564446 | E.coli | 0 | CFU/100mL | 0 | 2018-10-17 | MOE E3407 |
| | | | Free Cl | 0.56 | mg/L | 0.01 | 2018-10-17 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-17 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-17 | MOE E3407 |
| 39 McDonagh Cres | 2018-10-16 | 564447 | E.coli | 0 | CFU/100mL | 0 | 2018-10-17 | MOE E3407 |
| | | | Free Cl | 1.00 | mg/L | 0.01 | 2018-10-17 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-17 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-17 | MOE E3407 |
| 136 Confederation Ave | 2018-10-16 | 564448 | E.coli | 0 | CFU/100mL | 0 | 2018-10-17 | MOE E3407 |
| | | | Free Cl | 0.98 | mg/L | 0.01 | 2018-10-17 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-17 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-17 | MOE E3407 |
| 3271 Schmon Parkway | 2018-10-16 | 564449 | E.coli | 0 | CFU/100mL | 0 | 2018-10-17 | MOE E3407 |
| | | | Free Cl | 0.82 | mg/L | 0.01 | 2018-10-17 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-10-17 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-17 | MOE E3407 |
| 543 Allanburg Road | 2018-10-16 | 564450 | E.coli | 0 | CFU/100mL | 0 | 2018-10-17 | MOE E3407 |
| | | | Free Cl | 0.68 | mg/L | 0.01 | 2018-10-17 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-17 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-17 | MOE E3407 |
| Allanport and Hwy 20 | 2018-10-16 | 564451 | E.coli | 0 | CFU/100mL | 0 | 2018-10-17 | MOE E3407 |
| | | | Free Cl | 0.85 | mg/L | 0.01 | 2018-10-17 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-10-17 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-17 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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Work Order No.:2584850

Received : 2018-10-16

PO Number:

Reported: 2018-10-19

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Work Order No.:2585003

Received : 2018-10-22

PO Number:

Reported: 2018-10-23

Project Name: Rolling Meadows Phase II-
First Set

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|---------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| SP-Point #1 | 2018-10-22 | 564739 | E.coli | 0 | CFU/100mL | 0 | 2018-10-22 | MOE E3407 |
| | | | Free Cl | 0.45 | mg/L | 0.01 | 2018-10-22 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-22 | MOE E3407 |
| SP-Point #2 | 2018-10-22 | 564740 | E.coli | 0 | CFU/100mL | 0 | 2018-10-22 | MOE E3407 |
| | | | Free Cl | 0.48 | mg/L | 0.01 | 2018-10-22 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-22 | MOE E3407 |
| SP-Point #3 | 2018-10-22 | 564741 | E.coli | 0 | CFU/100mL | 0 | 2018-10-22 | MOE E3407 |
| | | | Free Cl | 0.38 | mg/L | 0.01 | 2018-10-22 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-22 | MOE E3407 |
| SP-Point #4 | 2018-10-22 | 564742 | E.coli | 0 | CFU/100mL | 0 | 2018-10-22 | MOE E3407 |
| | | | Free Cl | 0.82 | mg/L | 0.01 | 2018-10-22 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-22 | MOE E3407 |
| SP-Point #5 | 2018-10-22 | 564743 | E.coli | 0 | CFU/100mL | 0 | 2018-10-22 | MOE E3407 |
| | | | Free Cl | 0.76 | mg/L | 0.01 | 2018-10-22 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-22 | MOE E3407 |
| SP-Point #6 | 2018-10-22 | 564744 | E.coli | 0 | CFU/100mL | 0 | 2018-10-22 | MOE E3407 |
| | | | Free Cl | 0.89 | mg/L | 0.01 | 2018-10-22 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-22 | MOE E3407 |
| SP-Point #7 | 2018-10-22 | 564745 | E.coli | 0 | CFU/100mL | 0 | 2018-10-22 | MOE E3407 |
| | | | Free Cl | 0.99 | mg/L | 0.01 | 2018-10-22 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-22 | MOE E3407 |
| SP-Point #8 | 2018-10-22 | 564746 | E.coli | 0 | CFU/100mL | 0 | 2018-10-22 | MOE E3407 |
| | | | Free Cl | 0.75 | mg/L | 0.01 | 2018-10-22 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-22 | MOE E3407 |
| SP-Point #9 | 2018-10-22 | 564747 | E.coli | 0 | CFU/100mL | 0 | 2018-10-22 | MOE E3407 |
| | | | Free Cl | 0.36 | mg/L | 0.01 | 2018-10-22 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-22 | MOE E3407 |
| SP-Point #10 | 2018-10-22 | 564748 | E.coli | 0 | CFU/100mL | 0 | 2018-10-22 | MOE E3407 |
| | | | Free Cl | 0.36 | mg/L | 0.01 | 2018-10-22 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-22 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Work Order No.:2585003

Received : 2018-10-22

PO Number:

Reported: 2018-10-23

Project Name: Rolling Meadows Phase II-

First Set

Chain of Custody No.:

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager

Page 2 of 2

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Work Order No.:2585097
Received : 2018-10-23
PO Number:
Reported: 2018-10-24
Project Name: Rolling Meadows Phase
II-Second Set
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|---------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| SP-Point #1 | 2018-10-23 | 565098 | E.coli | 0 | CFU/100mL | 0 | 2018-10-23 | MOE E3407 |
| | | | Free Cl | 0.24 | mg/L | 0.01 | 2018-10-23 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-23 | MOE E3407 |
| SP-Point #2 | 2018-10-23 | 565099 | E.coli | 0 | CFU/100mL | 0 | 2018-10-23 | MOE E3407 |
| | | | Free Cl | 0.56 | mg/L | 0.01 | 2018-10-23 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-23 | MOE E3407 |
| SP-Point #3 | 2018-10-23 | 565100 | E.coli | 0 | CFU/100mL | 0 | 2018-10-23 | MOE E3407 |
| | | | Free Cl | 0.44 | mg/L | 0.01 | 2018-10-23 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-23 | MOE E3407 |
| SP-Point #4 | 2018-10-23 | 565101 | E.coli | 0 | CFU/100mL | 0 | 2018-10-23 | MOE E3407 |
| | | | Free Cl | 0.86 | mg/L | 0.01 | 2018-10-23 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-23 | MOE E3407 |
| SP-Point #5 | 2018-10-23 | 565102 | E.coli | 0 | CFU/100mL | 0 | 2018-10-23 | MOE E3407 |
| | | | Free Cl | 0.80 | mg/L | 0.01 | 2018-10-23 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-23 | MOE E3407 |
| SP-Point #6 | 2018-10-23 | 565103 | E.coli | 0 | CFU/100mL | 0 | 2018-10-23 | MOE E3407 |
| | | | Free Cl | 0.35 | mg/L | 0.01 | 2018-10-23 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-23 | MOE E3407 |
| SP-Point #7 | 2018-10-23 | 565104 | E.coli | 0 | CFU/100mL | 0 | 2018-10-23 | MOE E3407 |
| | | | Free Cl | 0.64 | mg/L | 0.01 | 2018-10-23 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-23 | MOE E3407 |
| SP-Point #8 | 2018-10-23 | 565105 | E.coli | 0 | CFU/100mL | 0 | 2018-10-23 | MOE E3407 |
| | | | Free Cl | 0.63 | mg/L | 0.01 | 2018-10-23 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-23 | MOE E3407 |
| SP-Point #9 | 2018-10-23 | 565106 | E.coli | 0 | CFU/100mL | 0 | 2018-10-23 | MOE E3407 |
| | | | Free Cl | 0.29 | mg/L | 0.01 | 2018-10-23 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-23 | MOE E3407 |
| SP-Point #10 | 2018-10-23 | 565107 | E.coli | 0 | CFU/100mL | 0 | 2018-10-23 | MOE E3407 |
| | | | Free Cl | 0.20 | mg/L | 0.01 | 2018-10-23 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-23 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
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Work Order No.:2585097

Received : 2018-10-23

PO Number:

Reported: 2018-10-24

Project Name: Rolling Meadows Phase

II-Second Set

Chain of Custody No.:

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager

Page 2 of 2

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Work Order No.:2585157

Received : 2018-10-24

PO Number:

Reported: 2018-10-25

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|------------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| Upstrm-Hyd #58 | 2018-10-24 | 565255 | E.coli | 0 | CFU/100mL | 0 | 2018-10-24 | MOE E3407 |
| | | | Free Cl | 1.00 | mg/L | 0.01 | 2018-10-24 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-24 | MOE E3407 |
| Dwnstrm-Hyd #63 | 2018-10-24 | 565256 | E.coli | 0 | CFU/100mL | 0 | 2018-10-24 | MOE E3407 |
| | | | Free Cl | 1.04 | mg/L | 0.01 | 2018-10-24 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-24 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Work Order No.:2585177
Received : 2018-10-23
PO Number:
Reported: 2018-10-26
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| Lyndon St | 2018-10-23 | 565342 | E.coli | 0 | CFU/100mL | 0 | 2018-10-24 | MOE E3407 |
| | | | Free Cl | 0.60 | mg/L | 0.01 | 2018-10-24 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-24 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-24 | MOE E3407 |
| 70 Front Street North | 2018-10-23 | 565343 | E.coli | 0 | CFU/100mL | 0 | 2018-10-24 | MOE E3407 |
| | | | Free Cl | 0.97 | mg/L | 0.01 | 2018-10-24 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-24 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-24 | MOE E3407 |
| McMann and Ann | 2018-10-23 | 565344 | E.coli | 0 | CFU/100mL | 0 | 2018-10-24 | MOE E3407 |
| | | | Free Cl | 0.78 | mg/L | 0.01 | 2018-10-24 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-24 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-24 | MOE E3407 |
| 39 McDonagh Cres | 2018-10-23 | 565345 | E.coli | 0 | CFU/100mL | 0 | 2018-10-24 | MOE E3407 |
| | | | Free Cl | 0.98 | mg/L | 0.01 | 2018-10-24 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-24 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-24 | MOE E3407 |
| 136 Confederation Ave | 2018-10-23 | 565346 | E.coli | 0 | CFU/100mL | 0 | 2018-10-24 | MOE E3407 |
| | | | Free Cl | 0.89 | mg/L | 0.01 | 2018-10-24 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-10-24 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-24 | MOE E3407 |
| 3271 Schmon Parkway | 2018-10-23 | 565347 | E.coli | 0 | CFU/100mL | 0 | 2018-10-24 | MOE E3407 |
| | | | Free Cl | 0.98 | mg/L | 0.01 | 2018-10-24 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-24 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-24 | MOE E3407 |
| 543 Allanburg Road | 2018-10-23 | 565348 | E.coli | 0 | CFU/100mL | 0 | 2018-10-24 | MOE E3407 |
| | | | Free Cl | 0.86 | mg/L | 0.01 | 2018-10-24 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-24 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-24 | MOE E3407 |
| Allanport and Hwy 20 | 2018-10-23 | 565349 | E.coli | 0 | CFU/100mL | 0 | 2018-10-24 | MOE E3407 |
| | | | Free Cl | 0.73 | mg/L | 0.01 | 2018-10-24 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-24 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-24 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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Fax: 905-227-3666

Email:

Work Order No.:2585177

Received : 2018-10-23

PO Number:

Reported: 2018-10-26

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Email:

Work Order No.:2585291
Received : 2018-10-26
PO Number:
Reported: 2018-10-29
Project Name: Towpath St Set 1
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| SP-Point #1 (Hydrant) | 2018-10-26 | 565670 | E.coli | 0 | CFU/100mL | 0 | 2018-10-26 | MOE E3407 |
| | | | Free Cl | 1.03 | mg/L | 0.01 | 2018-10-26 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-26 | MOE E3407 |
| SP-Point #2 (Source) | 2018-10-26 | 565671 | E.coli | 0 | CFU/100mL | 0 | 2018-10-26 | MOE E3407 |
| | | | Free Cl | 1.05 | mg/L | 0.01 | 2018-10-26 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-26 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

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Work Order No.:2585297
Received : 2018-10-27
PO Number:
Reported: 2018-10-29
Project Name: Towpath St Set 2
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| SP-Point #1 (Hydrant) | 2018-10-27 | 565679 | E.coli | 0 | CFU/100mL | 0 | 2018-10-27 | MOE E3407 |
| | | | Free Cl | 0.81 | mg/L | 0.01 | 2018-10-27 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-27 | MOE E3407 |
| SP-Point #2 (Source) | 2018-10-27 | 565680 | E.coli | 0 | CFU/100mL | 0 | 2018-10-27 | MOE E3407 |
| | | | Free Cl | 0.83 | mg/L | 0.01 | 2018-10-27 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-27 | MOE E3407 |

Reported by:

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Work Order No.:2585394
Received : 2018-10-30
PO Number:
Reported: 2018-10-31
Project Name: Watermain Break 31
Towpath
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|---------------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | |
| Upstrm-Pine & Sullivan Hyd | 2018-10-30 | 566066 | E.coli | 0 | CFU/100mL | 0 | 2018-10-30 | MOE E3407 |
| | | | Free Cl | 1.31 | mg/L | 0.01 | 2018-10-30 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-30 | MOE E3407 |
| Dwnstrm-Ekins Ln Hyd | 2018-10-30 | 566067 | E.coli | 0 | CFU/100mL | 0 | 2018-10-30 | MOE E3407 |
| | | | Free Cl | 1.00 | mg/L | 0.01 | 2018-10-30 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-30 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager



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Work Order No.:2585471
Received : 2018-10-30
PO Number:
Reported: 2018-11-02
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| Lyndon St | 2018-10-30 | 566331 | E.coli | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| | | | Free Cl | 0.84 | mg/L | 0.01 | 2018-10-31 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-31 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| 70 Front Street North | 2018-10-30 | 566332 | E.coli | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| | | | Free Cl | 1.03 | mg/L | 0.01 | 2018-10-31 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-10-31 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| McMann and Ann | 2018-10-30 | 566333 | E.coli | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| | | | Free Cl | 0.70 | mg/L | 0.01 | 2018-10-31 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-31 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| 39 McDonagh Cres | 2018-10-30 | 566334 | E.coli | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| | | | Free Cl | 0.90 | mg/L | 0.01 | 2018-10-31 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-31 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| 136 Confederation Ave | 2018-10-30 | 566335 | E.coli | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| | | | Free Cl | 0.84 | mg/L | 0.01 | 2018-10-31 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-31 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| 3271 Schmon Parkway | 2018-10-30 | 566336 | E.coli | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| | | | Free Cl | 0.90 | mg/L | 0.01 | 2018-10-31 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-31 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| 543 Allanburg Road | 2018-10-30 | 566337 | E.coli | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| | | | Free Cl | 0.70 | mg/L | 0.01 | 2018-10-31 | Field |
| | | | HPC | 2 | CFU/mL | 0 | 2018-10-31 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| Allanport and Hwy 20 | 2018-10-30 | 566338 | E.coli | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| | | | Free Cl | 0.74 | mg/L | 0.01 | 2018-10-31 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-10-31 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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Fax: 905-227-3666

Email:

Work Order No.:2585471

Received : 2018-10-30

PO Number:

Reported: 2018-11-02

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Work Order No.:2585481
Received : 2018-10-31
PO Number:
Reported: 2018-11-01
Project Name: Rolling Meadons Phase 1
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|-----------------------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| Upstrm of Connection Hyd # | 2018-10-31 | 566384 | E.coli | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| | | | Free Cl | 0.71 | mg/L | 0.01 | 2018-10-31 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| Dwnstrm of Connection Hyd | 2018-10-31 | 566385 | E.coli | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| | | | Free Cl | 0.64 | mg/L | 0.01 | 2018-10-31 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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Work Order No.:2585484

Received : 2018-10-31

PO Number:

Reported: 2018-11-01

Project Name: Phase 1 Set #1 Artisan
Ridge

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| SP1 Set 1 | 2018-10-31 | 566400 | E.coli | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| | | | Free Cl | 0.89 | mg/L | 0.01 | 2018-10-31 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| SP2 Set 1 | 2018-10-31 | 566401 | E.coli | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| | | | Free Cl | 0.90 | mg/L | 0.01 | 2018-10-31 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| SP3 Set 1 | 2018-10-31 | 566402 | E.coli | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| | | | Free Cl | 0.76 | mg/L | 0.01 | 2018-10-31 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| SP4 Set 1 | 2018-10-31 | 566403 | E.coli | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| | | | Free Cl | 0.77 | mg/L | 0.01 | 2018-10-31 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| SP5 Set 1 | 2018-10-31 | 566404 | E.coli | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |
| | | | Free Cl | 0.84 | mg/L | 0.01 | 2018-10-31 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-10-31 | MOE E3407 |

Reported by:

 Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager

Page 1 of 1

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Work Order No.:2585562
 Received : 2018-11-01
 PO Number:
 Reported: 2018-11-02
 Project Name: Phase 1 Set #2 Artisan
 Ridge
 Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| SP1 Set 2 | 2018-11-01 | 566522 | E.coli | 0 | CFU/100mL | 0 | 2018-11-01 | MOE E3407 |
| | | | Free Cl | 0.76 | mg/L | 0.01 | 2018-11-01 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-01 | MOE E3407 |
| SP2 Set 2 | 2018-11-01 | 566523 | E.coli | 0 | CFU/100mL | 0 | 2018-11-01 | MOE E3407 |
| | | | Free Cl | 0.85 | mg/L | 0.01 | 2018-11-01 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-01 | MOE E3407 |
| SP3 Set 2 | 2018-11-01 | 566524 | E.coli | 0 | CFU/100mL | 0 | 2018-11-01 | MOE E3407 |
| | | | Free Cl | 0.55 | mg/L | 0.01 | 2018-11-01 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-01 | MOE E3407 |
| SP4 Set 2 | 2018-11-01 | 566525 | E.coli | 0 | CFU/100mL | 0 | 2018-11-01 | MOE E3407 |
| | | | Free Cl | 0.71 | mg/L | 0.01 | 2018-11-01 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-01 | MOE E3407 |
| SP5 Set 2 | 2018-11-01 | 566526 | E.coli | 0 | CFU/100mL | 0 | 2018-11-01 | MOE E3407 |
| | | | Free Cl | 0.93 | mg/L | 0.01 | 2018-11-01 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-01 | MOE E3407 |

Reported by:

 Nilou Ghazi, Ph.D.,P.Eng.
 Laboratory Manager

Page 1 of 1

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Work Order No.:2585569

Received : 2018-11-01

PO Number:

Reported: 2018-11-02

Project Name: Rolling Meadows Phase II

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|-----------------------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| Upstrm of Connection Hyd # | 2018-11-01 | 566557 | E.coli | 0 | CFU/100mL | 0 | 2018-11-01 | MOE E3407 |
| | | | Free Cl | 0.67 | mg/L | 0.01 | 2018-11-01 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-01 | MOE E3407 |
| Dwnstrm of Connection Hyd | 2018-11-01 | 566558 | E.coli | 0 | CFU/100mL | 0 | 2018-11-01 | MOE E3407 |
| | | | Free Cl | 0.59 | mg/L | 0.01 | 2018-11-01 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-01 | MOE E3407 |

Reported by:

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Laboratory Manager



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Work Order No.:2585570

Received : 2018-11-01

PO Number:

Reported: 2018-11-02

Project Name: Rolling Meadows Phase II

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|-----------------------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| Upstrm of Connection Hyd # | 2018-11-01 | 566559 | E.coli | 0 | CFU/100mL | 0 | 2018-11-01 | MOE E3407 |
| | | | Free Cl | 0.50 | mg/L | 0.01 | 2018-11-01 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-01 | MOE E3407 |
| Dwnstrm of Connection Hyd | 2018-11-01 | 566560 | E.coli | 0 | CFU/100mL | 0 | 2018-11-01 | MOE E3407 |
| | | | Free Cl | 0.62 | mg/L | 0.01 | 2018-11-01 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-01 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Work Order No.:2585571

Received : 2018-11-01

PO Number:

Reported: 2018-11-02

Project Name: Rolling Meadows Phase II

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|-----------------------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| Upstrm of Connection Hyd # | 2018-11-01 | 566561 | E.coli | 0 | CFU/100mL | 0 | 2018-11-01 | MOE E3407 |
| | | | Free Cl | 0.60 | mg/L | 0.01 | 2018-11-01 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-01 | MOE E3407 |
| Dwnstrm of Connection Hyd | 2018-11-01 | 566562 | E.coli | 0 | CFU/100mL | 0 | 2018-11-01 | MOE E3407 |
| | | | Free Cl | 0.54 | mg/L | 0.01 | 2018-11-01 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-01 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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CERTIFICATE OF ANALYSIS

Thorold (Decew) Distribution System
Steve Santo
3540 Schmon Parkway, PO Box 1044
Thorold
L2V 4A7

Tel: 905-227-3535

Fax: 905-227-3666

Email:

Work Order No.:2585572

Received : 2018-11-01

PO Number:

Reported: 2018-11-02

Project Name: Rolling Meadows Phase II

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|-----------------------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| Upstrm of Connection Hyd # | 2018-11-01 | 566563 | E.coli | 0 | CFU/100mL | 0 | 2018-11-01 | MOE E3407 |
| | | | Free Cl | 0.74 | mg/L | 0.01 | 2018-11-01 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-01 | MOE E3407 |
| Dwnstrm of Connection Hyd | 2018-11-01 | 566564 | E.coli | 0 | CFU/100mL | 0 | 2018-11-01 | MOE E3407 |
| | | | Free Cl | 0.65 | mg/L | 0.01 | 2018-11-01 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-01 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Steve Santo
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L2V 4A7
Tel: 905-227-3535 Fax: 905-227-3666
Email:

Work Order No.:2585792
Received : 2018-11-06
PO Number:
Reported: 2018-11-09
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|-----------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 1543 Beaverdams Road | 2018-11-06 | 567381 | E.coli | 0 | CFU/100mL | 0 | 2018-11-07 | MOE E3407 |
| | | | Free Cl | 0.57 | mg/L | 0.01 | 2018-11-07 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-11-07 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-07 | MOE E3407 |
| 70 Front Street N | 2018-11-06 | 567382 | E.coli | 0 | CFU/100mL | 0 | 2018-11-07 | MOE E3407 |
| | | | Free Cl | 1.06 | mg/L | 0.01 | 2018-11-07 | Field |
| | | | HPC | 2 | CFU/mL | 0 | 2018-11-07 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-07 | MOE E3407 |
| 21 Queen St South | 2018-11-06 | 567383 | E.coli | 0 | CFU/100mL | 0 | 2018-11-07 | MOE E3407 |
| | | | Free Cl | 0.64 | mg/L | 0.01 | 2018-11-07 | Field |
| | | | HPC | 3 | CFU/mL | 0 | 2018-11-07 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-07 | MOE E3407 |
| 206 Richmond Street | 2018-11-06 | 567384 | E.coli | 0 | CFU/100mL | 0 | 2018-11-07 | MOE E3407 |
| | | | Free Cl | 0.70 | mg/L | 0.01 | 2018-11-07 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-11-07 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-07 | MOE E3407 |
| 207 Keefer Road | 2018-11-06 | 567385 | E.coli | 0 | CFU/100mL | 0 | 2018-11-07 | MOE E3407 |
| | | | Free Cl | 0.62 | mg/L | 0.01 | 2018-11-07 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-11-07 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-07 | MOE E3407 |
| 3271 Schmon Parkway | 2018-11-06 | 567386 | E.coli | 0 | CFU/100mL | 0 | 2018-11-07 | MOE E3407 |
| | | | Free Cl | 0.84 | mg/L | 0.01 | 2018-11-07 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-11-07 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-07 | MOE E3407 |
| 543 Allanburg Road | 2018-11-06 | 567387 | E.coli | 0 | CFU/100mL | 0 | 2018-11-07 | MOE E3407 |
| | | | Free Cl | 0.80 | mg/L | 0.01 | 2018-11-07 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-11-07 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-07 | MOE E3407 |
| 13210 Hwy #20 | 2018-11-06 | 567388 | E.coli | 0 | CFU/100mL | 0 | 2018-11-07 | MOE E3407 |
| | | | Free Cl | 0.93 | mg/L | 0.01 | 2018-11-07 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-11-07 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-07 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

All work has been performed using accepted testing methodologies, except where otherwise agreed to by the client in writing. Our total liability in connection with this work shall be limited to the amount paid by the client. Results relate only to items tested as received.



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Steve Santo
3540 Schmon Parkway, PO Box 1044
Thorold
L2V 4A7

Tel: 905-227-3535

Fax: 905-227-3666

Email:

Work Order No.:2585792

Received : 2018-11-06

PO Number:

Reported: 2018-11-09

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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CERTIFICATE OF ANALYSIS

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Steve Santo
3540 Schmon Parkway, PO Box 1044
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L2V 4A7
Tel: 905-227-3535 Fax: 905-227-3666
Email:

Work Order No.:2585884
Received : 2018-11-08
PO Number:
Reported: 2018-11-09
Project Name: Artisan Ridge Phase 1
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|-----------------------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| Upstrm of Connection Hyd W | 2018-11-08 | 567582 | E.coli | 0 | CFU/100mL | 0 | 2018-11-08 | MOE E3407 |
| | | | Free Cl | 0.68 | mg/L | 0.01 | 2018-11-08 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-08 | MOE E3407 |
| Dwnstrm of Connection Fire | 2018-11-08 | 567583 | E.coli | 0 | CFU/100mL | 0 | 2018-11-08 | MOE E3407 |
| | | | Free Cl | 0.50 | mg/L | 0.01 | 2018-11-08 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-08 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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Email:

Work Order No.:2585913

Received : 2018-11-09

PO Number:

Reported: 2018-11-12

Project Name: Artisan Ridge Phase

1-Queen St Connection

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | |
| Hydrant Across Lot 63 | 2018-11-09 | 567701 | E.coli | 0 | CFU/100mL | 0 | 2018-11-09 | MOE E3407 |
| | | | Free Cl | 0.59 | mg/L | 0.01 | 2018-11-09 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-09 | MOE E3407 |
| Hydrant W-6-54 | 2018-11-09 | 567702 | E.coli | 0 | CFU/100mL | 0 | 2018-11-09 | MOE E3407 |
| | | | Free Cl | 0.44 | mg/L | 0.01 | 2018-11-09 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-09 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Steve Santo
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Tel: 905-227-3535 Fax: 905-227-3666
Email:

Work Order No.:2585950
Received : 2018-11-12
PO Number:
Reported: 2018-11-13
Project Name: Watermain Break
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|----------------------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| Upstrm of Watermain Break | 2018-11-12 | 567808 | E.coli | 0 | CFU/100mL | 0 | 2018-11-12 | MOE E3407 |
| | | | Free Cl | 0.88 | mg/L | 0.01 | 2018-11-12 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-12 | MOE E3407 |
| Dwnstrm of Watermain Bre | 2018-11-12 | 567809 | E.coli | 0 | CFU/100mL | 0 | 2018-11-12 | MOE E3407 |
| | | | Free Cl | 0.98 | mg/L | 0.01 | 2018-11-12 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-12 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager



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3540 Schmon Parkway, PO Box 1044
Thorold
L2V 4A7
Tel: 905-227-3535 Fax: 905-227-3666
Email:

Work Order No.:2585979
Received : 2018-11-13
PO Number:
Reported: 2018-11-15
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|-----------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 1543 Beaverdams Road | 2018-11-13 | 567899 | E.coli | 0 | CFU/100mL | 0 | 2018-11-13 | MOE E3407 |
| | | | Free Cl | 0.71 | mg/L | 0.01 | 2018-11-13 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-11-13 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-13 | MOE E3407 |
| 70 Front Street N | 2018-11-13 | 567900 | E.coli | 0 | CFU/100mL | 0 | 2018-11-13 | MOE E3407 |
| | | | Free Cl | 1.19 | mg/L | 0.01 | 2018-11-13 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-11-13 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-13 | MOE E3407 |
| 21 Queen St South | 2018-11-13 | 567901 | E.coli | 0 | CFU/100mL | 0 | 2018-11-13 | MOE E3407 |
| | | | Free Cl | 0.67 | mg/L | 0.01 | 2018-11-13 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-11-13 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-13 | MOE E3407 |
| 206 Richmond Street | 2018-11-13 | 567902 | E.coli | 0 | CFU/100mL | 0 | 2018-11-13 | MOE E3407 |
| | | | Free Cl | 0.81 | mg/L | 0.01 | 2018-11-13 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-11-13 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-13 | MOE E3407 |
| 207 Keefer Road | 2018-11-13 | 567903 | E.coli | 0 | CFU/100mL | 0 | 2018-11-13 | MOE E3407 |
| | | | Free Cl | 0.74 | mg/L | 0.01 | 2018-11-13 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-11-13 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-13 | MOE E3407 |
| 3271 Schmon Parkway | 2018-11-13 | 567904 | E.coli | 0 | CFU/100mL | 0 | 2018-11-13 | MOE E3407 |
| | | | Free Cl | 0.82 | mg/L | 0.01 | 2018-11-13 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-11-13 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-13 | MOE E3407 |
| 543 Allanburg Road | 2018-11-13 | 567905 | E.coli | 0 | CFU/100mL | 0 | 2018-11-13 | MOE E3407 |
| | | | Free Cl | 0.88 | mg/L | 0.01 | 2018-11-13 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-11-13 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-13 | MOE E3407 |
| 13210 Hwy #20 | 2018-11-13 | 567906 | E.coli | 0 | CFU/100mL | 0 | 2018-11-13 | MOE E3407 |
| | | | Free Cl | 0.93 | mg/L | 0.01 | 2018-11-13 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-11-13 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-13 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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CERTIFICATE OF ANALYSIS

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Steve Santo
3540 Schmon Parkway, PO Box 1044
Thorold
L2V 4A7

Tel: 905-227-3535

Fax: 905-227-3666

Email:

Work Order No.:2585979

Received : 2018-11-13

PO Number:

Reported: 2018-11-15

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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CERTIFICATE OF ANALYSIS

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3540 Schmon Parkway, PO Box 1044
Thorold
L2V 4A7
Tel: 905-227-3535 Fax: 905-227-3666
Email:

Work Order No.:2586232
Received : 2018-11-19
PO Number:
Reported: 2018-11-20
Project Name: 24 Flannery Lane Watermain
Break
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|----------------------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| Upstrm of Wastermain Brea | 2018-11-19 | 568589 | E.coli | 0 | CFU/100mL | 0 | 2018-11-19 | MOE E3407 |
| | | | Free Cl | 0.86 | mg/L | 0.01 | 2018-11-19 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-19 | MOE E3407 |
| Dwnstrm of Watermain Bre | 2018-11-19 | 568590 | E.coli | 0 | CFU/100mL | 0 | 2018-11-19 | MOE E3407 |
| | | | Free Cl | 0.87 | mg/L | 0.01 | 2018-11-19 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-19 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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CERTIFICATE OF ANALYSIS

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Tel: 905-227-3535 Fax: 905-227-3666
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Work Order No.:2586268
Received : 2018-11-20
PO Number:
Reported: 2018-11-21
Project Name: 1543 Beaverdams Rd
Watermain Break
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|----------------------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| Upstrm of Wastermain Brea | 2018-11-20 | 568716 | E.coli | 0 | CFU/100mL | 0 | 2018-11-20 | MOE E3407 |
| | | | Free Cl | 0.87 | mg/L | 0.01 | 2018-11-20 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-20 | MOE E3407 |
| Dwnstrm of Watermain Bre | 2018-11-20 | 568717 | E.coli | 0 | CFU/100mL | 0 | 2018-11-20 | MOE E3407 |
| | | | Free Cl | 0.88 | mg/L | 0.01 | 2018-11-20 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-20 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager



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CERTIFICATE OF ANALYSIS

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Joe Colasurdo
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L2V 4A7
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Email:

Work Order No.:2586352
Received : 2018-11-21
PO Number:
Reported: 2018-11-29
Project Name: Lead Analysis
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|----------------------------|------------|--------|--------------------|--------|----------|-----|------------|---------------|
| | Date | Lab ID | | | | | Analyzed | |
| #1-Confederation Ave Loc.1 | 2018-11-21 | 569028 | Lead | See | Attached | N/A | 2018-11-26 | Subcontracted |
| #2-Confederation Ave Loc.1 | 2018-11-21 | 569029 | Alkalinity (CaCO3) | See | Attached | N/A | 2018-11-26 | Subcontracted |
| #1-McDonagh Cres Loc.2 | 2018-11-21 | 569030 | Lead | See | Attached | N/A | 2018-11-26 | Subcontracted |
| #2-McDonagh Cres Loc.2 | 2018-11-21 | 569031 | Alkalinity (CaCO3) | See | Attached | N/A | 2018-11-26 | Subcontracted |
| #1-Schmon Parkway (Loc # | 2018-11-21 | 569032 | Lead | See | Attached | N/A | 2018-11-26 | Subcontracted |
| #2-Schmon Parkway (#5) | 2018-11-21 | 569033 | Alkalinity (CaCO3) | See | Attached | N/A | 2018-11-26 | Subcontracted |
| #1-Allanburg Rd Loc. 6 | 2018-11-21 | 569034 | Lead | See | Attached | N/A | 2018-11-26 | Subcontracted |
| #2-Allanburg Rd Loc. 6 | 2018-11-21 | 569035 | Alkalinity (CaCO3) | See | Attached | N/A | 2018-11-26 | Subcontracted |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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Work Order No.:2586380
Received : 2018-11-20
PO Number:
Reported: 2018-11-23
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|-----------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 1543 Beaverdams Road | 2018-11-20 | 569142 | E.coli | 0 | CFU/100mL | 0 | 2018-11-21 | MOE E3407 |
| | | | Free Cl | 0.70 | mg/L | 0.01 | 2018-11-21 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-11-21 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-21 | MOE E3407 |
| 70 Front Street N | 2018-11-20 | 569143 | E.coli | 0 | CFU/100mL | 0 | 2018-11-21 | MOE E3407 |
| | | | Free Cl | 0.96 | mg/L | 0.01 | 2018-11-21 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-11-21 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-21 | MOE E3407 |
| 21 Queen St South | 2018-11-20 | 569144 | E.coli | 0 | CFU/100mL | 0 | 2018-11-21 | MOE E3407 |
| | | | Free Cl | 0.74 | mg/L | 0.01 | 2018-11-21 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-11-21 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-21 | MOE E3407 |
| 206 Richmond Street | 2018-11-20 | 569145 | E.coli | 0 | CFU/100mL | 0 | 2018-11-21 | MOE E3407 |
| | | | Free Cl | 0.81 | mg/L | 0.01 | 2018-11-21 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-11-21 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-21 | MOE E3407 |
| 207 Keefer Road | 2018-11-20 | 569146 | E.coli | 0 | CFU/100mL | 0 | 2018-11-21 | MOE E3407 |
| | | | Free Cl | 0.67 | mg/L | 0.01 | 2018-11-21 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-11-21 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-21 | MOE E3407 |
| 3271 Schmon Parkway | 2018-11-20 | 569147 | E.coli | 0 | CFU/100mL | 0 | 2018-11-21 | MOE E3407 |
| | | | Free Cl | 0.64 | mg/L | 0.01 | 2018-11-21 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-11-21 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-21 | MOE E3407 |
| 543 Allanburg Road | 2018-11-20 | 569148 | E.coli | 0 | CFU/100mL | 0 | 2018-11-21 | MOE E3407 |
| | | | Free Cl | 0.79 | mg/L | 0.01 | 2018-11-21 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-11-21 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-21 | MOE E3407 |
| 13210 Hwy #20 | 2018-11-20 | 569149 | E.coli | 0 | CFU/100mL | 0 | 2018-11-21 | MOE E3407 |
| | | | Free Cl | 0.94 | mg/L | 0.01 | 2018-11-21 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-11-21 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-21 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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CERTIFICATE OF ANALYSIS

Thorold (Decew) Distribution System
Steve Santo
3540 Schmon Parkway, PO Box 1044
Thorold
L2V 4A7

Tel: 905-227-3535

Fax: 905-227-3666

Email:

Work Order No.:2586380

Received : 2018-11-20

PO Number:

Reported: 2018-11-23

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Tel: 905-227-3535

Fax: 905-227-3666

Email:

Work Order No.:2586515

Received : 2018-11-26

PO Number:

Reported: 2018-12-03

Project Name: Lead Sampling Set #1

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|--------------------------------|------------|---------------|-----------|--------|----------|-----|---------------|---------------|
| | Date | Lab ID | | | | | | |
| Upstream-Hydrant W-9-1 | 2018-11-26 | 569430 | Lead | See | Attached | N/A | 2018-11-29 | Subcontracted |
| Downstream-Hydrant W-9- | 2018-11-26 | 569431 | Lead | See | Attached | N/A | 2018-11-29 | Subcontracted |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Tel: 905-227-3535

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Email:

Work Order No.:2586546

Received : 2018-11-27

PO Number:

Reported: 2018-12-04

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|-----------------------|------------|---------------|-----------------------|--------|----------|-----|------------|---------------|
| | Date | Lab ID | | | | | Analyzed | |
| Schmon Parkway | 2018-11-27 | 569542 | HAA (Haloacetic Acid) | See | Attached | N/A | 2018-11-29 | Subcontracted |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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L2V 4A7
Tel: 905-227-3535 Fax: 905-227-3666
Email:

Work Order No.:2586549
Received : 2018-11-27
PO Number:
Reported: 2018-12-05
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|--------------------------|------------|---------------|-----------------|--------|----------|-----|------------|---------------|
| | Date | Lab ID | | | | | Analyzed | |
| 13210 Highway #20 | 2018-11-27 | 569545 | Trihalomethanes | See | Attached | N/A | 2018-12-03 | Subcontracted |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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L2V 4A7

Tel: 905-227-3535

Fax: 905-227-3666

Email:

Work Order No.:2586556
Received : 2018-11-27
PO Number:
Reported: 2018-12-03
Project Name: Lead Sample #2
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | | Method |
|------------------------------|------------|---------------|-----------|--------|----------|-----|------------|--|---------------|
| | Date | Lab ID | | | | | Analyzed | | |
| Upstream-Hyd W-9-1 | 2018-11-27 | 569556 | Lead | See | Attached | N/A | 2018-11-29 | | Subcontracted |
| Downstream-Hyd W-9-18 | 2018-11-27 | 569557 | Lead | See | Attached | N/A | 2018-11-29 | | Subcontracted |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager



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 Thorold
 L2V 4A7
 Tel: 905-227-3535 Fax: 905-227-3666
Email:

Work Order No.:2586656
 Received : 2018-11-27
 PO Number:
 Reported: 2018-11-30
 Project Name:
 Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|-----------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 1543 Beaverdams Road | 2018-11-27 | 569980 | E.coli | 0 | CFU/100mL | 0 | 2018-11-28 | MOE E3407 |
| | | | Free Cl | 0.74 | mg/L | 0.01 | 2018-11-28 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-11-28 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-28 | MOE E3407 |
| 70 Front Street N | 2018-11-27 | 569981 | E.coli | 0 | CFU/100mL | 0 | 2018-11-28 | MOE E3407 |
| | | | Free Cl | 1.07 | mg/L | 0.01 | 2018-11-28 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-11-28 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-28 | MOE E3407 |
| 21 Queen St South | 2018-11-27 | 569982 | E.coli | 0 | CFU/100mL | 0 | 2018-11-28 | MOE E3407 |
| | | | Free Cl | 0.47 | mg/L | 0.01 | 2018-11-28 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-11-28 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-28 | MOE E3407 |
| 206 Richmond Street | 2018-11-27 | 569983 | E.coli | 0 | CFU/100mL | 0 | 2018-11-28 | MOE E3407 |
| | | | Free Cl | 0.96 | mg/L | 0.01 | 2018-11-28 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-11-28 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-28 | MOE E3407 |
| 207 Keefer Road | 2018-11-27 | 569984 | E.coli | 0 | CFU/100mL | 0 | 2018-11-28 | MOE E3407 |
| | | | Free Cl | 0.57 | mg/L | 0.01 | 2018-11-28 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-11-28 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-28 | MOE E3407 |
| 3271 Schmon Parkway | 2018-11-27 | 569985 | E.coli | 0 | CFU/100mL | 0 | 2018-11-28 | MOE E3407 |
| | | | Free Cl | 0.47 | mg/L | 0.01 | 2018-11-28 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-11-28 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-28 | MOE E3407 |
| 543 Allanburg Road | 2018-11-27 | 569986 | E.coli | 0 | CFU/100mL | 0 | 2018-11-28 | MOE E3407 |
| | | | Free Cl | 0.74 | mg/L | 0.01 | 2018-11-28 | Field |
| | | | HPC | 5 | CFU/mL | 0 | 2018-11-28 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-28 | MOE E3407 |
| 13210 Hwy #20 | 2018-11-27 | 569987 | E.coli | 0 | CFU/100mL | 0 | 2018-11-28 | MOE E3407 |
| | | | Free Cl | 0.95 | mg/L | 0.01 | 2018-11-28 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-11-28 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-28 | MOE E3407 |

Reported by:

 Nilou Ghazi, Ph.D.,P.Eng.
 Laboratory Manager

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Steve Santo
3540 Schmon Parkway, PO Box 1044
Thorold
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Tel: 905-227-3535

Fax: 905-227-3666

Email:

Work Order No.:2586656

Received : 2018-11-27

PO Number:

Reported: 2018-11-30

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Tel: 905-227-3535 Fax: 905-227-3666
Email:

Work Order No.:2586753
Received : 2018-11-30
PO Number:
Reported: 2018-12-03
Project Name: Watermain Break 4
McDonagh
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date Analyzed | Method |
|----------------------------------|------------|---------------|-----------------|--------|-----------|------|---------------|-----------|
| | Date | Lab ID | | | | | | |
| Upstrm of Wastermain Brea | 2018-11-30 | 570223 | E.coli | 0 | CFU/100mL | 0 | 2018-11-30 | MOE E3407 |
| | | | Free Cl | 1.05 | mg/L | 0.01 | 2018-11-30 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-30 | MOE E3407 |
| Dwnstrm of Watermain Bre | 2018-11-30 | 570224 | E.coli | 0 | CFU/100mL | 0 | 2018-11-30 | MOE E3407 |
| | | | Free Cl | 1.08 | mg/L | 0.01 | 2018-11-30 | Field |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-11-30 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager



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 L2V 4A7
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Email:

Work Order No.:2586937
 Received : 2018-12-04
 PO Number:
 Reported: 2018-12-07
 Project Name:
 Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|-----------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 1543 Beaverdams Road | 2018-12-04 | 570892 | E.coli | 0 | CFU/100mL | 0 | 2018-12-05 | MOE E3407 |
| | | | Free Cl | 0.83 | mg/L | 0.01 | 2018-12-05 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-12-05 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-12-05 | MOE E3407 |
| 70 Front Street N | 2018-12-04 | 570893 | E.coli | 0 | CFU/100mL | 0 | 2018-12-05 | MOE E3407 |
| | | | Free Cl | 1.01 | mg/L | 0.01 | 2018-12-05 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-12-05 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-12-05 | MOE E3407 |
| 21 Queen St South | 2018-12-04 | 570894 | E.coli | 0 | CFU/100mL | 0 | 2018-12-05 | MOE E3407 |
| | | | Free Cl | 0.78 | mg/L | 0.01 | 2018-12-05 | Field |
| | | | HPC | 3 | CFU/mL | 0 | 2018-12-05 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-12-05 | MOE E3407 |
| 206 Richmond Street | 2018-12-04 | 570895 | E.coli | 0 | CFU/100mL | 0 | 2018-12-05 | MOE E3407 |
| | | | Free Cl | 0.86 | mg/L | 0.01 | 2018-12-05 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-12-05 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-12-05 | MOE E3407 |
| 207 Keefer Road | 2018-12-04 | 570896 | E.coli | 0 | CFU/100mL | 0 | 2018-12-05 | MOE E3407 |
| | | | Free Cl | 0.85 | mg/L | 0.01 | 2018-12-05 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-12-05 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-12-05 | MOE E3407 |
| 3271 Schmon Parkway | 2018-12-04 | 570897 | E.coli | 0 | CFU/100mL | 0 | 2018-12-05 | MOE E3407 |
| | | | Free Cl | 0.57 | mg/L | 0.01 | 2018-12-05 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-12-05 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-12-05 | MOE E3407 |
| 543 Allanburg Road | 2018-12-04 | 570898 | E.coli | 0 | CFU/100mL | 0 | 2018-12-05 | MOE E3407 |
| | | | Free Cl | 0.83 | mg/L | 0.01 | 2018-12-05 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-12-05 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-12-05 | MOE E3407 |
| 13210 Hwy #20 | 2018-12-04 | 570899 | E.coli | 0 | CFU/100mL | 0 | 2018-12-05 | MOE E3407 |
| | | | Free Cl | 0.93 | mg/L | 0.01 | 2018-12-05 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-12-05 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-12-05 | MOE E3407 |

Reported by:

 Nilou Ghazi, Ph.D.,P.Eng.
 Laboratory Manager

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Tel: 905-227-3535

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Email:

Work Order No.:2586937

Received : 2018-12-04

PO Number:

Reported: 2018-12-07

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Email:

Work Order No.:2587228
Received : 2018-12-11
PO Number:
Reported: 2018-12-14
Project Name:
Chain of Custody No.:

Table with columns: Client Sample ID, Sample Date, Lab ID, Parameter, Result, Unit, RDL, Date Analyzed, Method. Rows include samples from 1543 Beaverdams Road, 70 Front Street N, 21 Queen St South, 206 Richmond Street, 207 Keefer Road, 3271 Schmon Parkway, 543 Allanburg Road, and 13210 Hwy #20.

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

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Tel: 905-227-3535

Fax: 905-227-3666

Email:

Work Order No.:2587228

Received : 2018-12-11

PO Number:

Reported: 2018-12-14

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.

Laboratory Manager



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Tel: 905-227-3535 Fax: 905-227-3666
Email:

Work Order No.:2587521
Received : 2018-12-19
PO Number:
Reported: 2018-12-21
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|-----------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 1543 Beaverdams Road | 2018-12-19 | 572698 | E.coli | 0 | CFU/100mL | 0 | 2018-12-19 | MOE E3407 |
| | | | Free Cl | 0.76 | mg/L | 0.01 | 2018-12-19 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-12-19 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-12-19 | MOE E3407 |
| 70 Front Street N | 2018-12-19 | 572699 | E.coli | 0 | CFU/100mL | 0 | 2018-12-19 | MOE E3407 |
| | | | Free Cl | 1.11 | mg/L | 0.01 | 2018-12-19 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-12-19 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-12-19 | MOE E3407 |
| 21 Queen St South | 2018-12-19 | 572700 | E.coli | 0 | CFU/100mL | 0 | 2018-12-19 | MOE E3407 |
| | | | Free Cl | 0.84 | mg/L | 0.01 | 2018-12-19 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-12-19 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-12-19 | MOE E3407 |
| 206 Richmond Street | 2018-12-19 | 572701 | E.coli | 0 | CFU/100mL | 0 | 2018-12-19 | MOE E3407 |
| | | | Free Cl | 0.98 | mg/L | 0.01 | 2018-12-19 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-12-19 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-12-19 | MOE E3407 |
| 207 Keefer Road | 2018-12-19 | 572702 | E.coli | 0 | CFU/100mL | 0 | 2018-12-19 | MOE E3407 |
| | | | Free Cl | 0.67 | mg/L | 0.01 | 2018-12-19 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-12-19 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-12-19 | MOE E3407 |
| 3271 Schmon Parkway | 2018-12-19 | 572703 | E.coli | 0 | CFU/100mL | 0 | 2018-12-19 | MOE E3407 |
| | | | Free Cl | 0.94 | mg/L | 0.01 | 2018-12-19 | Field |
| | | | HPC | 1 | CFU/mL | 0 | 2018-12-19 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-12-19 | MOE E3407 |
| 543 Allanburg Road | 2018-12-19 | 572704 | E.coli | 0 | CFU/100mL | 0 | 2018-12-19 | MOE E3407 |
| | | | Free Cl | 0.82 | mg/L | 0.01 | 2018-12-19 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-12-19 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-12-19 | MOE E3407 |
| 13210 Hwy #20 | 2018-12-19 | 572705 | E.coli | 0 | CFU/100mL | 0 | 2018-12-19 | MOE E3407 |
| | | | Free Cl | 0.90 | mg/L | 0.01 | 2018-12-19 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-12-19 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-12-19 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager



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Steve Santo
3540 Schmon Parkway, PO Box 1044
Thorold
L2V 4A7

Tel: 905-227-3535

Fax: 905-227-3666

Email:

Work Order No.:2587521

Received : 2018-12-19

PO Number:

Reported: 2018-12-21

Project Name:

Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | Method |
|------------------|--------|--------|-----------|--------|------|-----|----------|--------|
| | Date | Lab ID | | | | | Analyzed | |

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Work Order No.:2587681
Received : 2018-12-27
PO Number:
Reported: 2019-01-02
Project Name:
Chain of Custody No.:

| Client Sample ID | Sample | | Parameter | Result | Unit | RDL | Date | |
|-----------------------------|------------|---------------|-----------------|--------|-----------|------|------------|-----------|
| | Date | Lab ID | | | | | Analyzed | Method |
| 1543 Beaverdams Road | 2018-12-27 | 573034 | E.coli | 0 | CFU/100mL | 0 | 2018-12-27 | MOE E3407 |
| | | | Free Cl | 0.68 | mg/L | 0.01 | 2018-12-27 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-12-27 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-12-27 | MOE E3407 |
| 70 Front Street N | 2018-12-27 | 573035 | E.coli | 0 | CFU/100mL | 0 | 2018-12-27 | MOE E3407 |
| | | | Free Cl | 0.95 | mg/L | 0.01 | 2018-12-27 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-12-27 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-12-27 | MOE E3407 |
| 21 Queen St South | 2018-12-27 | 573036 | E.coli | 0 | CFU/100mL | 0 | 2018-12-27 | MOE E3407 |
| | | | Free Cl | 0.79 | mg/L | 0.01 | 2018-12-27 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-12-27 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-12-27 | MOE E3407 |
| 206 Richmond Street | 2018-12-27 | 573037 | E.coli | 0 | CFU/100mL | 0 | 2018-12-27 | MOE E3407 |
| | | | Free Cl | 0.93 | mg/L | 0.01 | 2018-12-27 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-12-27 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-12-27 | MOE E3407 |
| 207 Keefer Road | 2018-12-27 | 573038 | E.coli | 0 | CFU/100mL | 0 | 2018-12-27 | MOE E3407 |
| | | | Free Cl | 0.75 | mg/L | 0.01 | 2018-12-27 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-12-27 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-12-27 | MOE E3407 |
| 3271 Schmon Parkway | 2018-12-27 | 573039 | E.coli | 0 | CFU/100mL | 0 | 2018-12-27 | MOE E3407 |
| | | | Free Cl | 0.66 | mg/L | 0.01 | 2018-12-27 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-12-27 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-12-27 | MOE E3407 |
| 543 Allanburg Road | 2018-12-27 | 573040 | E.coli | 0 | CFU/100mL | 0 | 2018-12-27 | MOE E3407 |
| | | | Free Cl | 0.71 | mg/L | 0.01 | 2018-12-27 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-12-27 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-12-27 | MOE E3407 |
| 13210 Hwy #20 | 2018-12-27 | 573041 | E.coli | 0 | CFU/100mL | 0 | 2018-12-27 | MOE E3407 |
| | | | Free Cl | 0.98 | mg/L | 0.01 | 2018-12-27 | Field |
| | | | HPC | 0 | CFU/mL | 0 | 2018-12-27 | APHA 9215 |
| | | | Total Coliforms | 0 | CFU/100mL | 0 | 2018-12-27 | MOE E3407 |

Reported by:

Nilou Ghazi, Ph.D.,P.Eng.
Laboratory Manager

All work has been performed using accepted testing methodologies, except where otherwise agreed to by the client in writing. Our total liability in connection with this work shall be limited to the amount paid by the client. Results relate only to items tested as received.



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Page 2 of 2

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