## **Haloacetic Acids Report**

10383

**Data Check - Unsigned** 

0

3/7/2017

PWS ID #: 4122000 City/Town: HANOVER

925 CIRCUIT ST - FIRE STATION #3

PWS Name: HANOVER WATER DEPT PWS Class: COM

Primary Lab MA Cert #: M-MA022 Primary Lab Name: ANALYTICAL BALANCE CORP

Location ID Location Routine/ Special: Collected By: Collection Date: O/R/C: Resubmit Reason: Original Collection:

R. FARLEY

Sample Comments: Analysis Comments: Lab Sample ID:

RS

171148001

| Contaminant:          | Result: | UOM: | MDL: | Analytical Method: | Analysis Date: | Analytical Lab II | D: Analytical Lab: |
|-----------------------|---------|------|------|--------------------|----------------|-------------------|--------------------|
| MONOCHLOROACETIC ACID | 2.1     | UG/L | 2    | EPA 552.2          | 3/16/2017      | M-RI002           | ESS LABORATORY     |
| DIBROMOACETIC ACID    | 1.4     | UG/L | 1    | EPA 552.2          | 3/16/2017      | M-RI002           | ESS LABORATORY     |
| TRICHLOROACETIC ACID  | 1.1     | UG/L | 1    | EPA 552.2          | 3/16/2017      | M-RI002           | ESS LABORATORY     |
| MONOBROMOACETIC ACID  | ND      | UG/L | 1    | EPA 552.2          | 3/16/2017      | M-RI002           | ESS LABORATORY     |
| DICHLOROACETIC ACID   | ND      | UG/L | 3    | EPA 552.2          | 3/16/2017      | M-RI002           | ESS LABORATORY     |
| HALOACETIC ACIDS      | 4.6     | UG/L | 1    | EPA 552.2          | 3/16/2017      | M-RI002           | ESS LABORATORY     |

Location ID Location Routine/ Special: Collected By: Collection Date: O/R/C: Resubmit Reason: Original Collection:

10385 70 PONDEROSA RS R. FARLEY 3/7/2017 O

Sample Comments: Analysis Comments: Lab Sample ID:

171148002

| Contaminant:          | Result: | UOM: | MDL: | Analytical Method: | Analysis Date: | Analytical Lab | ID: Analytical Lab: |
|-----------------------|---------|------|------|--------------------|----------------|----------------|---------------------|
| MONOCHLOROACETIC ACID | 3.4     | UG/L | 2    | EPA 552.2          | 3/16/2017      | M-RI002        | ESS LABORATORY      |
| DIBROMOACETIC ACID    | 3.0     | UG/L | 1    | EPA 552.2          | 3/16/2017      | M-RI002        | ESS LABORATORY      |
| TRICHLOROACETIC ACID  | 5.2     | UG/L | 1    | EPA 552.2          | 3/16/2017      | M-RI002        | ESS LABORATORY      |
| MONOBROMOACETIC ACID  | ND      | UG/L | 1    | EPA 552.2          | 3/16/2017      | M-RI002        | ESS LABORATORY      |
| DICHLOROACETIC ACID   | 7.1     | UG/L | 3    | EPA 552.2          | 3/16/2017      | M-RI002        | ESS LABORATORY      |
| HALOACETIC ACIDS      | 18.7    | UG/L | 1    | EPA 552.2          | 3/16/2017      | M-RI002        | ESS LABORATORY      |

Location ID Location Routine/ Special: Collected By: Collection Date: O/R/C: Resubmit Reason: Original Collection:

FITNESS

Sample Comments: Analysis Comments: Lab Sample ID:

171148003

M/S = Multiple or Single sources represented in sample site.

D/S = Distribution or Source sample site.

R/F = Raw or Finished water sample site.

MDL = Method Detection Limit.

UOM = Unit of Measurement.

O/R/C = Original submittal or Resubmitted submittal or Confirmation sample.

PWS ID #: 4122000

PWS Name: HANOVER WATER DEPT

3/27/2017 8:07:32 AM

Page 1 of 2

## **Haloacetic Acids Report**

## **Data Check - Unsigned**

| Contaminant:          | Result: | UOM: | MDL: | Analytical Method: | Analysis Date: | Analytical Lab | ID: Analytical Lab: |
|-----------------------|---------|------|------|--------------------|----------------|----------------|---------------------|
| MONOCHLOROACETIC ACID | ND      | UG/L | 2    | EPA 552.2          | 3/16/2017      | M-RI002        | ESS LABORATORY      |
| DIBROMOACETIC ACID    | 2.7     | UG/L | 1    | EPA 552.2          | 3/16/2017      | M-RI002        | ESS LABORATORY      |
| TRICHLOROACETIC ACID  | ND      | UG/L | 1    | EPA 552.2          | 3/16/2017      | M-RI002        | ESS LABORATORY      |
| MONOBROMOACETIC ACID  | ND      | UG/L | 1    | EPA 552.2          | 3/16/2017      | M-RI002        | ESS LABORATORY      |
| DICHLOROACETIC ACID   | ND      | UG/L | 3    | EPA 552.2          | 3/16/2017      | M-RI002        | ESS LABORATORY      |
| HALOACETIC ACIDS      | 2.7     | UG/L | 1    | EPA 552.2          | 3/16/2017      | M-RI002        | ESS LABORATORY      |

Location IDLocationRoutine/ Special:Collected By:Collection Date:O/R/C:Resubmit Reason:Original Collection:103872055 WASHINGTON ST - COMPUTERRSR. FARLEY3/7/2017O

CENTER

Sample Comments: Analysis Comments: Lab Sample ID:

171148004

| Contaminant:          | Result: | UOM: | MDL: | Analytical Method: | Analysis Date: | Analytical Lab | ID: Analytical Lab: |
|-----------------------|---------|------|------|--------------------|----------------|----------------|---------------------|
| MONOCHLOROACETIC ACID | ND      | UG/L | 2    | EPA 552.2          | 3/16/2017      | M-RI002        | ESS LABORATORY      |
| DIBROMOACETIC ACID    | 4.6     | UG/L | 1    | EPA 552.2          | 3/16/2017      | M-RI002        | ESS LABORATORY      |
| TRICHLOROACETIC ACID  | ND      | UG/L | 1    | EPA 552.2          | 3/16/2017      | M-RI002        | ESS LABORATORY      |
| MONOBROMOACETIC ACID  | ND      | UG/L | 1    | EPA 552.2          | 3/16/2017      | M-RI002        | ESS LABORATORY      |
| DICHLOROACETIC ACID   | ND      | UG/L | 3    | EPA 552.2          | 3/16/2017      | M-RI002        | ESS LABORATORY      |
| HALOACETIC ACIDS      | 4.6     | UG/L | 1    | EPA 552.2          | 3/16/2017      | M-RI002        | ESS LABORATORY      |

EDEP Transaction ID: 913143

M/S = Multiple or Single sources represented in sample site.

D/S = Distribution or Source sample site.

R/F = Raw or Finished water sample site.

MDL = Method Detection Limit.

UOM = Unit of Measurement.

O/R/C = Original submittal or Resubmitted submittal or Confirmation sample.

PWS ID #: 4122000

PWS Name: HANOVER WATER DEPT

3/27/2017 8:07:32 AM

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**Data Check - Unsigned** 

PWS ID #: 4122000 City/Town: HANOVER

PWS Name: HANOVER WATER DEPT PWS Class: COM

Primary Lab MA Cert #: M-MA022 Primary Lab Name: ANALYTICAL BALANCE CORP

Location ID Location Routine/ Special: Collected By: Collection Date: O/R/C: Resubmit Reason: Original Collection:

10383 925 CIRCUIT ST - FIRE STATION #3 RS R. FARLEY 3/7/2017 O

Sample Comments: Analysis Comments: Lab Sample ID:

171148001

| Contaminant:          | Result: | UOM: | MDL: | Analytical Method: | Analysis Date: | Analytical Lab ID | ): Analytical Lab:      |
|-----------------------|---------|------|------|--------------------|----------------|-------------------|-------------------------|
| BROMODICHLOROMETHANE  | 10.4    | UG/L | 0.5  | EPA 524.2          | 3/10/2017      | M-MA022           | ANALYTICAL BALANCE CORP |
| BROMOFORM             | 10.2    | UG/L | 0.5  | EPA 524.2          | 3/10/2017      | M-MA022           | ANALYTICAL BALANCE CORP |
| CHLOROFORM            | 6.9     | UG/L | 0.5  | EPA 524.2          | 3/10/2017      | M-MA022           | ANALYTICAL BALANCE CORP |
| DIBROMOCHLOROMETHANE  | 13.8    | UG/L | 0.5  | EPA 524.2          | 3/10/2017      | M-MA022           | ANALYTICAL BALANCE CORP |
| TOTAL TRIHALOMETHANES | 41.3    | UG/L | 0.5  | EPA 524.2          | 3/10/2017      | M-MA022           | ANALYTICAL BALANCE CORP |

Location ID Location Routine/ Special: Collected By: Collection Date: O/R/C: Resubmit Reason: Original Collection:

10385 70 PONDEROSA RS R. FARLEY 3/7/2017 O

Sample Comments: Analysis Comments: Lab Sample ID:

171148002

| Contaminant:          | Result: | UOM: | MDL: | Analytical Method: | Analysis Date: | Analytical Lab II | ): Analytical Lab:      |
|-----------------------|---------|------|------|--------------------|----------------|-------------------|-------------------------|
| BROMODICHLOROMETHANE  | 17.7    | UG/L | 0.5  | EPA 524.2          | 3/10/2017      | M-MA022           | ANALYTICAL BALANCE CORP |
| BROMOFORM             | 1.9     | UG/L | 0.5  | EPA 524.2          | 3/10/2017      | M-MA022           | ANALYTICAL BALANCE CORP |
| CHLOROFORM            | 14.2    | UG/L | 0.5  | EPA 524.2          | 3/10/2017      | M-MA022           | ANALYTICAL BALANCE CORP |
| DIBROMOCHLOROMETHANE  | 13.0    | UG/L | 0.5  | EPA 524.2          | 3/10/2017      | M-MA022           | ANALYTICAL BALANCE CORP |
| TOTAL TRIHALOMETHANES | 46.8    | UG/L | 0.5  | EPA 524.2          | 3/10/2017      | M-MA022           | ANALYTICAL BALANCE CORP |

Location ID Location Routine/ Special: Collected By: Collection Date: O/R/C: Resubmit Reason: Original Collection:

10388 33 ROCKLAND ST - HANOVER RS R. FARLEY 3/7/2017 O

**FITNESS** 

Sample Comments: Analysis Comments: Lab Sample ID:

171148003

| Contaminant:  | Result: | UOM:    | MDL: | Analytical Method: | Analysis Date:     | Analytical Lab ID | : Analytical Lab:       |
|---|---------|---------|------|--------------------|--------------------|-------------------|-------------------------|
| BROMODICHLOROMETHANE  | 8.1     | UG/L    | 0.5  | EPA 524.2          | 3/10/2017          | M-MA022           | ANALYTICAL BALANCE CORP |
| BROMOFORM   | 3.5     | UG/L    | 0.5  | EPA 524.2          | 3/10/2017          | M-MA022           | ANALYTICAL BALANCE CORP |
| M/S = Multiple or Single sources repre  |         | e site. |      | PWS ID #:          | 4122000            |                   | 3/27/2017 8:07:34 AM    |
| D/S = Distribution or Source sample s<br>R/F = Raw or Finished water sample s |         |         |      | PWS Name:          | HANOVER WATER DEPT | •                 | Page 1 of 2             |

MDL = Method Detection Limit.

UOM = Unit of Measurement.

## **Trihalomethane Report**

#### **Data Check - Unsigned**

3/27/2017 8:07:34 AM

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Page

| CHLOROFORM            | 5.4  | UG/L | 0.5 | EPA 524.2 | 3/10/2017 | M-MA022 | ANALYTICAL BALANCE CORP |
|-----------------------|------|------|-----|-----------|-----------|---------|-------------------------|
| DIBROMOCHLOROMETHANE  | 9.7  | UG/L | 0.5 | EPA 524.2 | 3/10/2017 | M-MA022 | ANALYTICAL BALANCE CORP |
| TOTAL TRIHALOMETHANES | 26.7 | UG/L | 0.5 | EPA 524.2 | 3/10/2017 | M-MA022 | ANALYTICAL BALANCE CORP |

Location ID Location Routine/ Special: Collected By: Collection Date: O/R/C: Resubmit Reason: Original Collection:

2055 WASHINGTON ST - COMPUTER RS R. FARLEY 3/7/2017 O

CENTER

10387

Sample Comments: Analysis Comments: Lab Sample ID:

171148004

| Contaminant:          | Result: | UOM: | MDL: | Analytical Method: | Analysis Date: | Analytical Lab II | D: Analytical Lab:      |
|-----------------------|---------|------|------|--------------------|----------------|-------------------|-------------------------|
| BROMODICHLOROMETHANE  | 3.1     | UG/L | 0.5  | EPA 524.2          | 3/10/2017      | M-MA022           | ANALYTICAL BALANCE CORP |
| BROMOFORM             | 9.8     | UG/L | 0.5  | EPA 524.2          | 3/10/2017      | M-MA022           | ANALYTICAL BALANCE CORP |
| CHLOROFORM            | 1.4     | UG/L | 0.5  | EPA 524.2          | 3/10/2017      | M-MA022           | ANALYTICAL BALANCE CORP |
| DIBROMOCHLOROMETHANE  | 6.3     | UG/L | 0.5  | EPA 524.2          | 3/10/2017      | M-MA022           | ANALYTICAL BALANCE CORP |
| TOTAL TRIHALOMETHANES | 20.6    | UG/L | 0.5  | EPA 524.2          | 3/10/2017      | M-MA022           | ANALYTICAL BALANCE CORP |

PWS ID #: 4122000

PWS Name: HANOVER WATER DEPT

EDEP Transaction ID: 913143

M/S = Multiple or Single sources represented in sample site.

D/S = Distribution or Source sample site.

R/F = Raw or Finished water sample site.

MDL = Method Detection Limit.

UOM = Unit of Measurement.

### **Haloacetic Acids Report**

**Data Check - Unsigned** 

PWS ID #: 4122000

City/Town: HANOVER

PWS Name:

HANOVER WATER DEPT

Primary Lab Name: ANALYTICAL BALANCE CORP

PWS Class:

COM

Location ID 10383

Location

Primary Lab MA Cert #: M-MA022

Routine/ Special:

Collected By:

R. FARLEY

**Collection Date:** 

O/R/C:

Resubmit Reason:

**Original Collection:** 

925 CIRCUIT ST - FIRE STATION #3

RS

6/7/2017

0

Sample Comments:

**Analysis Comments:** 

Lab Sample ID:

171406101

| Contaminant:          | Result: | UOM: | MDL: | Analytical Method: | Analysis Date: | Analytical Lab ID | : Analytical Lab: |
|-----------------------|---------|------|------|--------------------|----------------|-------------------|-------------------|
| MONOCHLOROACETIC ACID | ND      | UG/L | 2    | EPA 552.2          | 6/16/2017      | M-RI002           | ESS LABORATORY    |
| DIBROMOACETIC ACID    | ND      | UG/L | 1    | EPA 552.2          | 6/16/2017      | M-RI002           | ESS LABORATORY    |
| TRICHLOROACETIC ACID  | 2.8     | UG/L | 1    | EPA 552.2          | 6/16/2017      | M-RI002           | ESS LABORATORY    |
| MONOBROMOACETIC ACID  | ND      | UG/L | 1    | EPA 552.2          | 6/16/2017      | M-RI002           | ESS LABORATORY    |
| DICHLOROACETIC ACID   | ND      | UG/L | 3    | EPA 552.2          | 6/16/2017      | M-RI002           | ESS LABORATORY    |
| HALOACETIC ACIDS      | 2.8     | UG/L | 1    | EPA 552.2          | 6/16/2017      | M-RI002           | ESS LABORATORY    |

Location ID 10385

Location 70 PONDEROSA Routine/ Special:

RS

Collected By:

R. FARLEY

**Collection Date:** 

6/7/2017

O/R/C: Resubmit Reason:

0

**Original Collection:** 

**Sample Comments:** 

**Analysis Comments:** 

Lab Sample ID:

171406102

| Contaminant:          | Result: | UOM: | MDL: | Analytical Method: | Analysis Date: | Analytical Lab | ID: Analytical Lab |
|-----------------------|---------|------|------|--------------------|----------------|----------------|--------------------|
| MONOCHLOROACETIC ACID | 2.8     | UG/L | 2    | EPA 552.2          | 6/16/2017      | M-RI002        | ESS LABORATORY     |
| DIBROMOACETIC ACID    | 1.4     | UG/L | 1    | EPA 552.2          | 6/16/2017      | M-RI002        | ESS LABORATORY     |
| TRICHLOROACETIC ACID  | 8.9     | UG/L | 1    | EPA 552.2          | 6/16/2017      | M-RI002        | ESS LABORATORY     |
| MONOBROMOACETIC ACID  | ND      | UG/L | 1    | EPA 552.2          | 6/16/2017      | M-RI002        | ESS LABORATORY     |
| DICHLOROACETIC ACID   | ND      | UG/L | 3    | EPA 552.2          | 6/16/2017      | M-RI002        | ESS LABORATORY     |
| HALOACETIC ACIDS      | 13.1    | UG/L | 1    | EPA 552.2          | 6/16/2017      | M-R1002        | ESS LABORATORY     |

**Location ID** 

Location

Routine/ Special:

Collected By:

**Collection Date:** 

O/R/C: Resubmit Reason:

**Original Collection:** 

10388 **FITNESS** 

33 ROCKLAND ST - HANOVER

RS

R. FARLEY

6/7/2017

0

Sample Comments:

**Analysis Comments:** 

Lab Sample ID:

171406103

M/S = Multiple or Single sources represented in sample site.

D/S = Distribution or Source sample site.

R/F = Raw or Finished water sample site. MDL = Method Detection Limit.

UOM = Unit of Measurement.

O/R/C = Original submittal or Resubmitted submittal or Confirmation sample.

PWS ID #:

4122000

PWS Name: HANOVER WATER DEPT

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6/29/2017 3:15:23 PM

### **Haloacetic Acids Report**

# **Data Check - Unsigned**

| Contaminant:          | Result: | UOM: | MDL: | Analytical Method: | Analysis Date: | Analytical Lab | ID: Analytical Lab: |
|-----------------------|---------|------|------|--------------------|----------------|----------------|---------------------|
| MONOCHLOROACETIC ACID | ND      | UG/L | 2    | EPA 552.2          | 6/16/2017      | M-RI002        | ESS LABORATORY      |
| DIBROMOACETIC ACID    | 4.4     | UG/L | 1    | EPA 552.2          | 6/16/2017      | M-RI002        | ESS LABORATORY      |
| TRICHLOROACETIC ACID  | ND      | UG/L | 1    | EPA 552.2          | 6/16/2017      | M-RI002        | ESS LABORATORY      |
| MONOBROMOACETIC ACID  | ND      | UG/L | 1    | EPA 552.2          | 6/16/2017      | M-RI002        | ESS LABORATORY      |
| DICHLOROACETIC ACID   | ND      | UG/L | 3    | EPA 552.2          | 6/16/2017      | M-RI002        | ESS LABORATORY      |
| HALOACETIC ACIDS      | 4.4     | UG/L | 1    | EPA 552.2          | 6/16/2017      | M-RI002        | ESS LABORATORY      |

Routine/ Special: Location ID Collected By: **Collection Date:** O/R/C: Resubmit Reason: 10387 2060 WASHINGTON ST - PRIME RS R. FARLEY 6/7/2017 0

INFINITY

Sample Comments:

#### **Analysis Comments:**

#### Lab Sample ID:

171406104

| Contaminant:          | Result: | UOM: | MDL: | Analytical Method: | Analysis Date: | Analytical Lab ID | : Analytical Lab: |
|-----------------------|---------|------|------|--------------------|----------------|-------------------|-------------------|
| MONOCHLOROACETIC ACID | ND      | UG/L | 2    | EPA 552.2          | 6/16/2017      | M-RI002           | ESS LABORATORY    |
| DIBROMOACETIC ACID    | 4.4     | UG/L | 1    | EPA 552.2          | 6/16/2017      | M-RI002           | ESS LABORATORY    |
| TRICHLOROACETIC ACID  | ND      | UG/L | 1    | EPA 552.2          | 6/16/2017      | M-RI002           | ESS LABORATORY    |
| MONOBROMOACETIC ACID  | ND      | UG/L | 1    | EPA 552.2          | 6/16/2017      | M-RI002           | ESS LABORATORY    |
| DICHLOROACETIC ACID   | ND      | UG/L | 3    | EPA 552.2          | 6/16/2017      | M-RI002           | ESS LABORATORY    |
| HALOACETIC ACIDS      | 4.4     | UG/L | 1    | EPA 552.2          | 6/16/2017      | M-RI002           | ESS LABORATORY    |

EDEP Transaction ID:

937384

M/S = Multiple or Single sources represented in sample site. D/S = Distribution or Source sample site.

R/F = Raw or Finished water sample site.

MDL = Method Detection Limit.

UOM = Unit of Measurement.

O/R/C = Original submittal or Resubmitted submittal or Confirmation sample.

PWS ID #: 4122000

PWS Name: HANOVER WATER DEPT

6/29/2017 3:15:23 PM

**Original Collection:** 

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Primary Lab MA Cert #: M-MA022

R/F = Raw or Finished water sample site.

O/R/C = Original submittal or Resubmitted submittal or Confirmation sample.

MDL = Method Detection Limit. UOM = Unit of Measurement.

PWS ID #: 4122000

City/Town: HANOVER

PWS Name: HANOVER WATER DEPT

Primary Lab Name: ANALYTICAL BALANCE CORP

**Data Check - Unsigned** 

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PWS Class: COM

| Location ID<br>10383 | Location<br>925 CIRCUIT ST - I | FIRE STATION #    |        | ne/ Special:        | Collected By: R. FARLEY | Collection Date:<br>6/7/2017 | <b>O/R/C</b> :<br>O | Resubmit Reason: | Original Collection |
|----------------------|--------------------------------|-------------------|--------|---------------------|-------------------------|------------------------------|---------------------|------------------|---------------------|
| Sample Comme         |                                | FIRE STATION #    |        |                     |                         |                              | _                   |                  |                     |
| Sample Comme         | nts.                           |                   | Anar   | ysis Comme          | ents:                   |                              | ample ID:           |                  |                     |
| <u></u>              |                                |                   |        | •                   |                         | 1714                         | U6101               |                  |                     |
| Contaminant:         |                                | Result:           | UOM:   | MDL:                | Analytical Method:      | Analysis Date:               | Analytical L        | ab ID: Analy     | rtical Lab:         |
| BROMODICHLO          | ROMETHANE                      | 27.6              | UG/L   | 0.5                 | EPA 524.2               | 6/12/2017                    | M-MA022             | ANALYTICAL BA    | LANCE CORP          |
| BROMOFORM            |                                | 4.8               | UG/L   | 0.5                 | EPA 524.2               | 6/12/2017                    | M-MA022             | ANALYTICAL BA    | LANCE CORP          |
| CHLOROFORM           |                                | 23.2              | UG/L   | 0.5                 | EPA 524.2               | 6/12/2017                    | M-MA022             | ANALYTICAL BA    | LANCE CORP          |
| DIBROMOCHLO          | ROMETHANE                      | 18.6              | UG/L   | 0.5                 | EPA 524.2               | 6/12/2017                    | M-MA022             | ANALYTICAL BA    | LANCE CORP          |
| TOTAL TRIHALO        | METHANES                       | 74.2              | UG/L   | 0.5                 | EPA 524.2               | 6/12/2017                    | M-MA022             | ANALYTICAL BA    | LANCE CORP          |
| Location ID          | Location                       |                   | Routir | ne/ Special:        | Collected By:           | Collection Date:             | O/R/C:              | Resubmit Reason: | Original Collection |
| 10385                | 70 PONDEROSA                   |                   | RS     |                     | R. FARLEY               | 6/7/2017                     | 0                   |                  | •                   |
| Sample Comme         | nts:                           |                   | Anal   | ysis Comme          | ents:                   | Lab Sa                       | ample ID:           |                  |                     |
|                      |                                |                   |        |                     |                         | 17140                        | -                   |                  | ·                   |
| Contaminant:         |                                | Result:           | UOM:   | MDL:                | Analytical Method:      | Analysis Date:               | Analytical L        | ab ID: Analy     | rtical Lab:         |
| BROMODICHLO          | ROMETHANE                      | 34.3              | UG/L   | 0.5                 | EPA 524.2               | 6/12/2017                    | M-MA022             | ANALYTICAL BA    | LANCE CORP          |
| BROMOFORM            |                                | 1.9               | UG/L   | 0.5                 | EPA 524.2               | 6/12/2017                    | M-MA022             | ANALYTICAL BA    | LANCE CORP          |
| CHLOROFORM           |                                | 39.8              | UG/L   | 0.5                 | EPA 524.2               | 6/12/2017                    | M-MA022             | ANALYTICAL BA    | LANCE CORP          |
| DIBROMOCHLO          | ROMETHANE                      | 18.9              | UG/L   | 0.5                 | EPA 524.2               | 6/12/2017                    | M-MA022             | ANALYTICAL BA    | LANCE CORP          |
| TOTAL TRIHALO        | METHANES                       | 94.9              | UG/L   | 0.5                 | EPA 524.2               | 6/12/2017                    | M-MA022             | ANALYTICAL BA    | LANCE CORP          |
| Location ID          | Location                       |                   | Routir | - —<br>ne/ Special: | Collected By:           | Collection Date:             | O/R/C:              | Resubmit Reason: | Original Collection |
| 10388                | 33 ROCKLAND ST<br>FITNESS      | - HANOVER         | RS     |                     | R. FARLEY               | 6/7/2017                     | 0                   |                  |                     |
| Sample Comme         | nts:                           |                   | Analy  | ysis Comme          | nts:                    | Lab Sa                       | imple ID:           |                  |                     |
|                      |                                |                   |        |                     |                         | 17140                        |                     |                  |                     |
| Contaminant:         |                                | Result:           | UOM:   | MDL:                | Analytical Method:      | Analysis Date:               | Analytical L        | ab ID: Analy     | tical Lab:          |
| BROMODICHLO          | ROMETHANE                      | 0.8               | UG/L   | 0.5                 | EPA 524.2               | 6/12/2017                    | M-MA022             | ANALYTICAL BA    | LANCE CORP          |
| BROMOFORM            |                                | 3.2               | UG/L   | 0.5                 | EPA 524.2               | 6/12/2017                    | M-MA022             | ANALYTICAL BA    |                     |
| /S = Multiple or     | Single sources represer        | nted in sample si | te.    |                     | PWS ID #:               | 4122000                      |                     | 6/29/2017 3:     | 15·24 PM            |
|                      | or Source sample site.         | •                 |        |                     | PWS Name:               | HANOVER WATER DEPT           |                     | U U U.           |                     |

# **Trihalomethane Report**

# **Data Check - Unsigned**

| Location ID     | Location |     |      |     | Collected By: | Collection Date: | O/R/C:  | Resubmit Reason: | Original Collection: |
|-----------------|----------|-----|------|-----|---------------|------------------|---------|------------------|----------------------|
| TOTAL TRIHALOME |          | 6.1 | UG/L | 0.5 | EPA 524.2     | 6/12/2017        | M-MA022 | ANALYTICAL BA    |                      |
| DIBROMOCHLORO   | METHANE  | 2.1 | UG/L | 0.5 | EPA 524.2     | 6/12/2017        | M-MA022 | ANALYTICAL BA    | LANCE CORP           |
| CHLOROFORM      |          | ND  | UG/L | 0.5 | EPA 524.2     | 6/12/2017        | M-MA022 | ANALYTICAL BA    | LANCE CORP           |

10387 2060 WASHINGTON ST - PRIME RS R. FARLEY 6/7/2017 0

INFINITY

Sample Comments:

**Analysis Comments:** 

Lab Sample ID:

171406104

| Contaminant:          | Result: | UOM: | MDL: | Analytical Method: | Analysis Date: | Analytical Lab ID: | Analytical Lab:        |
|-----------------------|---------|------|------|--------------------|----------------|--------------------|------------------------|
| BROMODICHLOROMETHANE  | 1.4     | UG/L | 0.5  | EPA 524.2          | 6/12/2017      | M-MA022 At         | NALYTICAL BALANCE CORP |
| BROMOFORM             | 4.5     | UG/L | 0.5  | EPA 524.2          | 6/12/2017      | M-MA022 At         | NALYTICAL BALANCE CORP |
| CHLOROFORM            | 0.5     | UG/L | 0.5  | EPA 524.2          | 6/12/2017      | M-MA022 At         | NALYTICAL BALANCE CORP |
| DIBROMOCHLOROMETHANE  | 3.1     | UG/L | 0.5  | EPA 524.2          | 6/12/2017      | M-MA022 At         | NALYTICAL BALANCE CORP |
| TOTAL TRIHALOMETHANES | 9.5     | UG/L | 0.5  | EPA 524.2          | 6/12/2017      | M-MA022 Af         | NALYTICAL BALANCE CORP |

**EDEP Transaction ID:** 

937384

M/S = Multiple or Single sources represented in sample site. D/S = Distribution or Source sample site.

R/F = Raw or Finished water sample site.

MDL = Method Detection Limit.

UOM = Unit of Measurement.

O/R/C = Original submittal or Resubmitted submittal or Confirmation sample.

PWS ID #: 4122000

PWS Name: HANOVER WATER DEPT

6/29/2017 3:15:24 PM

2 of 2 Page

#### **Haloacetic Acids Report**

PWS ID #: 4122000

Primary Lab MA Cert #: M-MA022

City/Town: HANOVER

PWS Name: HANOVER WATER DEPT

Location

Primary Lab Name: ANALYTICAL BALANCE CORP

**Data Check - Unsigned** 

**PWS Class:** COM

Location ID 10383

925 CIRCUIT ST - FIRE STATION #3

Routine/ Special: RS

Collected By:

**Collection Date:** 

9/6/2017

O/R/C: 0

Resubmit Reason:

**Original Collection:** 

**Sample Comments:** 

**Analysis Comments:** 

Lab Sample ID:

171729201

| Contaminant:          | Result: | UOM: | MDL: | Analytical Method: | Analysis Date: | Analytical Lab ID: | Analytical Lab: |
|-----------------------|---------|------|------|--------------------|----------------|--------------------|-----------------|
| MONOCHLOROACETIC ACID | ND      | UG/L | 2    | EPA 552.2          | 9/14/2017      | M-RI002            | ESS LABORATORY  |
| DIBROMOACETIC ACID    | ND      | UG/L | 1    | EPA 552.2          | 9/14/2017      | M-RI002            | ESS LABORATORY  |
| TRICHLOROACETIC ACID  | ND      | UG/L | 1    | EPA 552.2          | 9/14/2017      | M-RI002            | ESS LABORATORY  |
| MONOBROMOACETIC ACID  | ND      | UG/L | 1    | EPA 552.2          | 9/14/2017      | M-RI002            | ESS LABORATORY  |
| DICHLOROACETIC ACID   | ND      | UG/L | 3    | EPA 552.2          | 9/14/2017      | M-RI002            | ESS LABORATORY  |
| HALOACETIC ACIDS      | ND      | UG/L | 1    | EPA 552.2          | 9/14/2017      | M-RI002            | ESS LABORATORY  |

10385

Location ID

Location 70 PONDEROSA Routine/ Special: RS

Collected By: R. FARLEY

R. FARLEY

**Collection Date:** 

9/6/2017

O/R/C: Resubmit Reason:

0

**Original Collection:** 

Sample Comments:

**Analysis Comments:** 

Lab Sample ID:

171729202

| Result: | UOM:                         | MDL:                                      | Analytical Method:                                  | Analysis Date:  | Analytical Lab  | ID: Analytical Lab:   |
|---------|------------------------------|---|---|---|---|---|
| ND      | UG/L                         | 2   | EPA 552.2   | 9/14/2017   | M-RI002   | ESS LABORATORY  |
| 3.3     | UG/L                         | 1   | EPA 552.2   | 9/14/2017   | M-RI002   | ESS LABORATORY  |
| . 4.1   | UG/L                         | 1   | EPA 552.2   | 9/14/2017   | M-RI002   | ESS LABORATORY  |
| ND      | UG/L                         | 1   | EPA 552.2   | 9/14/2017   | M-RI002   | ESS LABORATORY  |
| ND      | UG/L                         | 3   | EPA 552.2   | 9/14/2017   | M-RI002   | ESS LABORATORY  |
| 7.4     | UG/L                         | 1   | EPA 552.2   | 9/14/2017   | M-RI002   | ESS LABORATORY  |
|         | ND<br>3.3<br>4.1<br>ND<br>ND | ND UG/L 3.3 UG/L 4.1 UG/L ND UG/L ND UG/L | ND UG/L 2 3.3 UG/L 1 4.1 UG/L 1 ND UG/L 1 ND UG/L 3 | ND UG/L 2 EPA 552.2 3.3 UG/L 1 EPA 552.2 4.1 UG/L 1 EPA 552.2 ND UG/L 1 EPA 552.2 ND UG/L 3 EPA 552.2 | ND UG/L 2 EPA 552.2 9/14/2017 3.3 UG/L 1 EPA 552.2 9/14/2017 4.1 UG/L 1 EPA 552.2 9/14/2017 ND UG/L 1 EPA 552.2 9/14/2017 ND UG/L 3 EPA 552.2 9/14/2017 | ND UG/L 2 EPA 552.2 9/14/2017 M-RI002 3.3 UG/L 1 EPA 552.2 9/14/2017 M-RI002 4.1 UG/L 1 EPA 552.2 9/14/2017 M-RI002 ND UG/L 1 EPA 552.2 9/14/2017 M-RI002 ND UG/L 3 EPA 552.2 9/14/2017 M-RI002 |

**Location ID** 

Location

Routine/ Special:

Collected By:

Collection Date:

O/R/C: Resubmit Reason:

**Original Collection:** 

10388 **FITNESS** 

33 ROCKLAND ST - HANOVER

RS

R. FARLEY

9/6/2017

0

**Sample Comments:** 

**Analysis Comments:** 

Lab Sample ID:

171729203

M/S = Multiple or Single sources represented in sample site.

D/S = Distribution or Source sample site.

MDL = Method Detection Limit.

UOM = Unit of Measurement.

R/F = Raw or Finished water sample site.

O/R/C = Original submittal or Resubmitted submittal or Confirmation sample.

PWS ID #:

4122000

9/25/2017 8:44:03 AM

PWS Name: HANOVER WATER DEPT

Page

1 of 2

## **Haloacetic Acids Report**

## **Data Check - Unsigned**

| Contaminant:          | Result: | UOM: | MDL: | Analytical Method: | Analysis Date: | Analytical Lab | ID: Analytical Lab: |
|-----------------------|---------|------|------|--------------------|----------------|----------------|---------------------|
| MONOCHLOROACETIC ACID | 2.3     | UG/L | 2    | EPA 552.2          | 9/14/2017      | M-RI002        | ESS LABORATORY      |
| DIBROMOACETIC ACID    | 5.9     | UG/L | 1    | EPA 552.2          | 9/14/2017      | M-RI002        | ESS LABORATORY      |
| TRICHLOROACETIC ACID  | ND      | UG/L | 1    | EPA 552.2          | 9/14/2017      | M-RI002        | ESS LABORATORY      |
| MONOBROMOACETIC ACID  | ND      | UG/L | 1    | EPA 552.2          | 9/14/2017      | M-RI002        | ESS LABORATORY      |
| DICHLOROACETIC ACID   | ND      | UG/L | 3    | EPA 552.2          | 9/14/2017      | M-RI002        | ESS LABORATORY      |
| HALOACETIC ACIDS      | 8.2     | UG/L | 1    | EPA 552.2          | 9/14/2017      | M-RI002        | ESS LABORATORY      |

**Location ID** Routine/ Special: Collected By: Collection Date: O/R/C: Resubmit Reason: 10387 2060 WASHINGTON ST - PRIME RS R. FARLEY 9/6/2017 0

INFINITY

Sample Comments:

#### **Analysis Comments:**

#### Lab Sample ID:

171729204

| Contaminant:          | Result: | UOM: | MDL: | Analytical Method: | Analysis Date: | Analytical Lab ID: | : Analytical Lab: |
|-----------------------|---------|------|------|--------------------|----------------|--------------------|-------------------|
| MONOCHLOROACETIC ACID | ND      | UG/L | 2    | EPA 552.2          | 9/14/2017      | M-RI002            | ESS LABORATORY    |
| DIBROMOACETIC ACID    | 3.9     | UG/L | 1    | EPA 552.2          | 9/14/2017      | M-RI002            | ESS LABORATORY    |
| TRICHLOROACETIC ACID  | ND      | UG/L | 1    | EPA 552.2          | 9/14/2017      | M-RI002            | ESS LABORATORY    |
| MONOBROMOACETIC ACID  | ND      | UG/L | 1    | EPA 552.2          | 9/14/2017      | M-RI002            | ESS LABORATORY    |
| DICHLOROACETIC ACID   | ND      | UG/L | 3    | EPA 552.2          | 9/14/2017      | M-RI002            | ESS LABORATORY    |
| HALOACETIC ACIDS      | 3.9     | UG/L | 1    | EPA 552.2          | 9/14/2017      | M-RI002            | ESS LABORATORY    |

**EDEP Transaction ID:** 

958863

M/S = Multiple or Single sources represented in sample site. D/S = Distribution or Source sample site.

R/F = Raw or Finished water sample site.

MDL = Method Detection Limit.

UOM = Unit of Measurement.

O/R/C = Original submittal or Resubmitted submittal or Confirmation sample.

PWS ID #: 4122000

PWS Name: HANOVER WATER DEPT

9/25/2017 8:44:03 AM

**Original Collection:** 

Page 2 of 2

Primary Lab MA Cert #: M-MA022

PWS ID #: 4122000

City/Town: HANOVER

PWS Name: HANOVER WATER DEPT

Primary Lab Name: ANALYTICAL BALANCE CORP

**Data Check - Unsigned** 

1 of 2

Page

PWS Class: COM

| Location ID   | Location                 |                |        | ne/ Special: | Collected By:      | Collection Date: | O/R/C:                       | Resubmit Reason: | Original Collection  |
|---------------|--------------------------|----------------|--------|--------------|--------------------|------------------|------------------------------|------------------|----------------------|
| 10383         | 925 CIRCUIT ST           | - FIRE STATION |        |              | R. FARLEY          | 9/6/2017         | 0                            |                  |                      |
| Sample Comme  | nts:                     |                | Anal   | ysis Comm    | ents:              |                  | <b>Sample ID:</b><br>1729201 |                  |                      |
| Contaminant:  |                          | Result:        | UOM:   | MDL:         | Analytical Method: | Analysis Date:   | Analytical                   | Lab ID: Analy    | /tical Lab:          |
| BROMODICHLO   | ROMETHANE                | 11.6           | UG/L   | 0.5          | EPA 524.2          | 9/11/2017        | M-MA022                      | ANALYTICAL BA    | ALANCE CORP          |
| BROMOFORM     |                          | 14.3           | UG/L   | 0.5          | EPA 524.2          | 9/11/2017        | M-MA022                      | ANALYTICAL BA    |                      |
| CHLOROFORM    |                          | 6.6            | UG/L   | 0.5          | EPA 524.2          | 9/11/2017        | M-MA022                      | ANALYTICAL BA    |                      |
| DIBROMOCHLO   | ROMETHANE                | 18.9           | UG/L   | 0.5          | EPA 524.2          | 9/11/2017        | M-MA022                      | ANALYTICAL BA    |                      |
| TOTAL TRIHALO | OMETHANES                | 51.4           | UG/L   | 0.5          | EPA 524.2          | 9/11/2017        | M-MA022                      | ANALYTICAL BA    |                      |
| Location ID   | Location                 |                | Routin | ne/ Special: | Collected By:      | Collection Date: | O/R/C:                       | Resubmit Reason: | Original Collection  |
| 10385         | 70 PONDEROSA             |                | RS     |              | R. FARLEY          | 9/6/2017         | 0                            |                  | _                    |
| Sample Comme  | nts:                     |                | Anal   | ysis Comme   | ents:              | Lab              | Sample ID:                   |                  |                      |
| -             |                          |                | •      | _            |                    |                  | 729202                       |                  |                      |
| Contaminant:  |                          | Result:        | UOM:   | MDL:         | Analytical Method: | Analysis Date:   | Analytical I                 | _ab ID: Analy    | /tical Lab:          |
| BROMODICHLO   | ROMETHANE                | 29.0           | UG/L   | 0.5          | EPA 524.2          | 9/11/2017        | M-MA022                      | ANALYTICAL BA    | LANCE CORP           |
| BROMOFORM     |                          | 9.2            | UG/L   | 0.5          | EPA 524.2          | 9/11/2017        | M-MA022                      | ANALYTICAL BA    |                      |
| CHLOROFORM    |                          | 15.0           | UG/L   | 0.5          | EPA 524.2          | 9/11/2017        | M-MA022                      | ANALYTICAL BA    |                      |
| DIBROMOCHLO   | ROMETHANE                | 34.9           | UG/L   | 0.5          | EPA 524.2          | 9/11/2017        | M-MA022                      | ANALYTICAL BA    | LANCE CORP           |
| TOTAL TRIHALO | METHANES                 | 88.1           | UG/L   | 0.5          | EPA 524.2          | 9/11/2017        | M-MA022                      | ANALYTICAL BA    |                      |
| Location ID   | Location                 |                | Routir | ne/ Special: | Collected By:      | Collection Date: | O/R/C:                       | Resubmit Reason: | Original Collection: |
| 10388         | 33 ROCKLAND S<br>FITNESS | T - HANOVER    | RS     |              | R. FARLEY          | 9/6/2017         | 0                            |                  | <del>-</del>         |
| Sample Comme  | nts:                     |                | Analy  | ysis Comme   | ents:              | Lab              | Sample ID:                   |                  |                      |
|               |                          |                |        |              |                    | 171              | 729203                       | · .              |                      |
| Contaminant:  |                          | Result:        | UOM:   | MDL:         | Analytical Method: | Analysis Date:   | Analytical I                 | _ab ID: Analy    | rtical Lab:          |
|               | DOMETHANE                | 1.3            | UG/L   | 0.5          | EPA 524.2          | 9/11/2017        | M-MA022                      | ANALYTICAL BA    | I ANCE COPP          |
| BROMODICHLO   | ROMETHANE                | 1.0            | 00,2   | 0.0          |                    | 0/11/2017        | 141-1417-1022                |                  |                      |

PWS Name: HANOVER WATER DEPT

D/S = Distribution or Source sample site.

R/F = Raw or Finished water sample site.

MDL = Method Detection Limit.

UOM = Unit of Measurement.

# **Trihalomethane Report**

## **Data Check - Unsigned**

| CHLOROFORM            | ND   | UG/L | 0.5 | EPA 524.2 | 9/11/2017 | M-MA022 | ANALYTICAL BALANCE CORP |
|-----------------------|------|------|-----|-----------|-----------|---------|-------------------------|
| DIBROMOCHLOROMETHANE  | 4.8  | UG/L | 0.5 | EPA 524.2 | 9/11/2017 | M-MA022 | ANALYTICAL BALANCE CORP |
| TOTAL TRIHALOMETHANES | 17.6 | UG/L | 0.5 | EPA 524.2 | 9/11/2017 | M-MA022 | ANALYTICAL BALANCE CORP |

Location ID Location

2060 WASHINGTON ST - PRIME

Routine/ Special: Collected By:

Collection Date:

O/R/C:

Resubmit Reason:

Original Collection:

10387 2060 WAS INFINITY

RS R. FARLEY

9/6/2017

0

ubmit Reason: Original Col

Sample Comments:

**Analysis Comments:** 

Lab Sample ID:

171729204

| Contaminant:          | Result: | UOM: | MDL: | Analytical Method: | Analysis Date: | Analytical Lab ID | : Analytical Lab:       |
|-----------------------|---------|------|------|--------------------|----------------|-------------------|-------------------------|
| BROMODICHLOROMETHANE  | 0.8     | UG/L | 0.5  | EPA 524.2          | 9/11/2017      | M-MA022           | ANALYTICAL BALANCE CORP |
| BROMOFORM             | 4.0     | UG/L | 0.5  | EPA 524.2          | 9/11/2017      | M-MA022           | ANALYTICAL BALANCE CORP |
| CHLOROFORM            | ND      | UG/L | 0.5  | EPA 524.2          | 9/11/2017      | M-MA022           | ANALYTICAL BALANCE CORP |
| DIBROMOCHLOROMETHANE  | 2.9     | UG/L | 0.5  | EPA 524.2          | 9/11/2017      | M-MA022           | ANALYTICAL BALANCE CORP |
| TOTAL TRIHALOMETHANES | 7.7     | UG/L | 0.5  | EPA 524.2          | 9/11/2017      | M-MA022           | ANALYTICAL BALANCE CORP |

EDEP Transaction ID:

958863

M/S = Multiple or Single sources represented in sample site.

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PWS ID #:

4122000

PWS Name: HANOVER WATER DEPT

9/25/2017 8:44:04 AM

Page

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## **Haloacetic Acids Report**

**Submitted - Signed** 

PWS ID #: 4122000

City/Town: HANOVER

PWS Class:

COM

PWS Name:

Primary Lab MA Cert #: M-MA022

HANOVER WATER DEPT

Primary Lab Name: ANALYTICAL BALANCE CORP

| Location ID  | Location                  |              |         | e/ Special: | Collected By:      | Collection Date:     | O/R/C:        | Resubmit Reason: | Original Collection |
|--------------|---------------------------|--------------|---------|-------------|--------------------|----------------------|---------------|------------------|---------------------|
| 10383        | 925 CIRCUIT ST -          | FIRE STATION | I#3 RS  | 8           | D. DIETLIN         | 12/6/2017            | 0             |                  |                     |
| Sample Comme | ents:                     |              | Anal    | ysis Comme  | nts:               | <b>Lab S</b><br>1720 |               |                  |                     |
| Contaminant: |                           | Result:      | UOM:    | MDL:        | Analytical Method: | Analysis Date:       | Analytical L  | ab ID: Analytic  | al Lab:             |
| MONOCHLORO   | ACETIC ACID               | ND           | UG/L    | 2           | EPA 552.2          | 12/11/2017           | M-RI002       | ESS LABORATORY   | <b>(</b>            |
| DIBROMOACET  | TC ACID                   | ND           | UG/L    | 1           | EPA 552.2          | 12/11/2017           | M-RI002       | ESS LABORATORY   | 1                   |
| TRICHLOROAC  | ETIC ACID                 | 2.8          | UG/L    | 1           | EPA 552.2          | 12/11/2017           | M-RI002       | ESS LABORATORY   | <b>(</b>            |
| MONOBROMOA   | ACETIC ACID               | ND           | UG/L    | 1           | EPA 552.2          | 12/11/2017           | M-RI002       | ESS LABORATORY   | <b>(</b>            |
| DICHLOROACE  | TIC ACID                  | 1.4          | UG/L    | 1           | EPA 552.2          | 12/11/2017           | M-RI002       | ESS LABORATORY   | <b>(</b>            |
| HALOACETIC A | CIDS                      | 4.2          | UG/L    | 1           | EPA 552.2          | 12/11/2017           | M-RI002       | ESS LABORATORY   | <b>(</b>            |
| Location ID  | Location                  |              | Routine | e/ Special: | Collected By:      | Collection Date:     | O/R/C:        | Resubmit Reason: | Original Collection |
| 10385        | 70 PONDEROSA              |              | RS      | 3           | D. DIETLIN         | 12/6/2017            | 0             |                  |                     |
| Sample Comme | ents:                     |              | Anai    | ysis Comme  | nts:               | Lab S                | ample ID:     |                  |                     |
|              |                           |              |         |             |                    | 1720                 | 18702         |                  |                     |
| Contaminant: |                           | Result:      | UOM:    | MDL:        | Analytical Method: | Analysis Date:       | Analytical La | ab ID: Analytic  | al Lab:             |
| MONOCHLORO   | ACETIC ACID               | ND           | UG/L    | 2           | EPA 552.2          | 12/12/2017           | M-RI002       | ESS LABORATORY   | ,                   |
| DIBROMOACET  | TC ACID                   | ND           | UG/L    | 1           | EPA 552.2          | 12/12/2017           | M-RI002       | ESS LABORATORY   | ,                   |
| TRICHLOROAC  | ETIC ACID                 | 1.4          | UG/L    | 1           | EPA 552.2          | 12/12/2017           | M-RI002       | ESS LABORATORY   | •                   |
| MONOBROMOA   | CETIC ACID                | ND           | UG/L    | 1           | EPA 552.2          | 12/12/2017           | M-RI002       | ESS LABORATORY   | •                   |
| DICHLOROACE  | TIC ACID                  | ND           | UG/L    | 1           | EPA 552.2          | 12/12/2017           | M-RI002       | ESS LABORATORY   | •                   |
| HALOACETIC A | CIDS                      | 1.4          | UG/L    | 1           | EPA 552.2          | 12/12/2017           | M-RI002       | ESS LABORATORY   | •                   |
| Location ID  | Location                  |              | Routine | e/ Special: | Collected By:      | Collection Date:     | O/R/C:        | Resubmit Reason: | Original Collection |
| 10388        | 33 ROCKLAND ST<br>FITNESS | - HANOVER    | RS      | 3           | D. DIETLIN         | 12/6/2017            | 0             |                  | -                   |
| Sample Comme | ents:                     |              | Anal    | ysis Comme  | nts:               | Lab S                |               |                  |                     |
|              |                           |              |         |             |                    | 1720                 | 18703         |                  |                     |

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PWS ID #: 4122000

PWS Name: HANOVER WATER DEPT

Page

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12/28/2017 7:54:56 AM

#### **Haloacetic Acids Report**

### **Submitted - Signed**

| Contaminant:          | Result: | UOM: | MDL: | Analytical Method: | Analysis Date: | Analytical Lat | ID: Analytical Lab: |
|-----------------------|---------|------|------|--------------------|----------------|----------------|---------------------|
| MONOCHLOROACETIC ACID | ND      | UG/L | 2    | EPA 552.2          | 12/15/2017     | M-RI002        | ESS LABORATORY      |
| DIBROMOACETIC ACID    | 3.0     | UG/L | 1    | EPA 552.2          | 12/15/2017     | M-RI002        | ESS LABORATORY      |
| TRICHLOROACETIC ACID  | 1.3     | UG/L | 1    | EPA 552.2          | 12/15/2017     | M-RI002        | ESS LABORATORY      |
| MONOBROMOACETIC ACID  | ND      | UG/L | . 1  | EPA 552.2          | 12/15/2017     | M-R1002        | ESS LABORATORY      |
| DICHLOROACETIC ACID   | 2.5     | UG/L | 1    | EPA 552.2          | 12/15/2017     | M-R1002        | ESS LABORATORY      |
| HALOACETIC ACIDS      | 6.8     | UG/L | 1    | EPA 552.2          | 12/15/2017     | M-RI002        | ESS LABORATORY      |

Location ID Routine/ Special: Collected By: Location **Collection Date:** O/R/C: Resubmit Reason: 10387 2060 WASHINGTON ST - PRIME RS D. DIETLIN

12/6/2017

INFINITY

Sample Comments:

#### **Analysis Comments:**

#### Lab Sample ID:

172018704

|                       |         |      |      | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                |                    |                 |  |
|-----------------------|---------|------|------|---|----------------|--------------------|-----------------|--|
| Contaminant:          | Result: | UOM: | MDL: | Analytical Method:                      | Analysis Date: | Analytical Lab ID: | Analytical Lab: |  |
| MONOCHLOROACETIC ACID | ND      | UG/L | 2    | EPA 552.2                               | 12/15/2017     | M-RI002 E          | SS LABORATORY   |  |
| DIBROMOACETIC ACID    | ND      | UG/L | 1    | EPA 552.2                               | 12/15/2017     | M-RI002 E          | SS LABORATORY   |  |
| TRICHLOROACETIC ACID  | 5.8     | UG/L | 1    | EPA 552.2                               | 12/15/2017     | M-RI002 E          | SS LABORATORY   |  |
| MONOBROMOACETIC ACID  | ND      | UG/L | 1    | EPA 552.2                               | 12/15/2017     | M-RI002            | SS LABORATORY   |  |
| DICHLOROACETIC ACID   | 2.6     | UG/L | 1    | EPA 552.2                               | 12/15/2017     | M-RI002 E          | SS LABORATORY   |  |
| HALOACETIC ACIDS      | 8.4     | UG/L | 1    | EPA 552.2                               | 12/15/2017     | M-RI002 E          | SS LABORATORY   |  |
|                       |         |      |      |   |                |                    |                 |  |

Primary Lab Signature: Robert Bentley

Date: 12/28/2017

**EDEP Transaction ID:** 

980540

Certified Signer User Name: ANALYTICAL

M/S = Multiple or Single sources represented in sample site.

D/S = Distribution or Source sample site.

R/F = Raw or Finished water sample site.

MDL = Method Detection Limit.

UOM = Unit of Measurement.

O/R/C = Original submittal or Resubmitted submittal or Confirmation sample.

PWS ID #: 4122000

PWS Name: HANOVER WATER DEPT

12/28/2017 7:54:56 AM

Page

2 of 2

**Original Collection:** 

**Submitted - Signed** 

PWS ID #: 4122000

Primary Lab MA Cert #: M-MA022

City/Town: HANOVER

PWS Name:

HANOVER WATER DEPT

Primary Lab Name: ANALYTICAL BALANCE CORP

**PWS Class:** 

COM

| Location | ID |
|----------|----|
| 10383    |    |

Location

Routine/ Special: Collected By:

**Collection Date:** 

O/R/C:

Resubmit Reason:

Original Collection:

925 CIRCUIT ST - FIRE STATION #3

D. DIETLIN

12/6/2017

0

Sample Comments:

**Analysis Comments:** 

Lab Sample ID:

172018701

| Contaminant:          | Result: | UOM: | MDL: | Analytical Method: | Analysis Date: | Analytical Lab ID | : Analytical Lab:       |
|-----------------------|---------|------|------|--------------------|----------------|-------------------|-------------------------|
| BROMODICHLOROMETHANE  | 14.0    | UG/L | 0.5  | EPA 524.2          | 12/13/2017     | M-MA022           | ANALYTICAL BALANCE CORP |
| BROMOFORM             | 5.0     | UG/L | 0.5  | EPA 524.2          | 12/13/2017     | M-MA022           | ANALYTICAL BALANCE CORP |
| CHLOROFORM            | 19.4    | UG/L | 0.5  | EPA 524.2          | 12/13/2017     | M-MA022           | ANALYTICAL BALANCE CORP |
| DIBROMOCHLOROMETHANE  | 9.8     | UG/L | 0.5  | EPA 524.2          | 12/13/2017     | M-MA022           | ANALYTICAL BALANCE CORP |
| TOTAL TRIHALOMETHANES | 48      | UG/L | 0.5  | EPA 524.2          | 12/13/2017     | M-MA022           | ANALYTICAL BALANCE CORP |

**Location ID** 10385

Location

70 PONDEROSA

Routine/ Special: Collected By:

RS

**Collection Date:** 12/6/2017 O/R/C: Resubmit Reason:

Page

1 of 2

**Original Collection:** 

Sample Comments:

**Analysis Comments:** 

Lab Sample ID:

0

172018702

| Contaminant:          | Result: | UOM: | MDL: | Analytical Method: | Analysis Date: | Analytical Lab ID | : Analytical Lab:       |
|-----------------------|---------|------|------|--------------------|----------------|-------------------|-------------------------|
| BROMODICHLOROMETHANE  | 17.9    | UG/L | 0.5  | EPA 524.2          | 12/13/2017     | M-MA022           | ANALYTICAL BALANCE CORP |
| BROMOFORM             | 3.9     | UG/L | 0.5  | EPA 524.2          | 12/13/2017     | M-MA022           | ANALYTICAL BALANCE CORP |
| CHLOROFORM            | 26.7    | UG/L | 0.5  | EPA 524.2          | 12/13/2017     | M-MA022           | ANALYTICAL BALANCE CORP |
| DIBROMOCHLOROMETHANE  | 10.9    | UG/L | 0.5  | EPA 524.2          | 12/13/2017     | M-MA022           | ANALYTICAL BALANCE CORP |
| TOTAL TRIHALOMETHANES | 59      | UG/L | 0.5  | EPA 524.2          | 12/13/2017     | M-MA022           | ANALYTICAL BALANCE CORP |

**Location ID** 10388

Location

33 ROCKLAND ST - HANOVER **FITNESS** 

Routine/ Special: Collected By:

RS

D. DIETLIN

D. DIETLIN

**Collection Date:** 12/6/2017 O/R/C: Resubmit Reason: 0

**Original Collection:** 

**Sample Comments:** 

**Analysis Comments:** 

Lab Sample ID:

172018703

| Contaminant:                          | Result: | UOM:    | MDL: | Analytical Method: | Analysis Date:     | Analytical Lab ID: | Analytical Lab:        |
|---------------------------------------|---------|---------|------|--------------------|--------------------|--------------------|------------------------|
| BROMODICHLOROMETHANE                  | 6.1     | UG/L    | 0.5  | EPA 524.2          | 12/13/2017         | M-MA022 At         | NALYTICAL BALANCE CORP |
| BROMOFORM                             | 2.4     | UG/L    | 0.5  | EPA 524.2          | 12/13/2017         | M-MA022 Af         | NALYTICAL BALANCE CORP |
| M/S = Multiple or Single sources repr |         | e site. |      | PWS ID #:          | 4122000            | 1                  | 12/28/2017 7:54:57 AM  |
| D/S = Distribution or Source sample   |         |         |      | PWS Name:          | HANOVER WATER DEPT | •                  | 2                      |

R/F = Raw or Finished water sample site. MDL = Method Detection Limit.

UOM = Unit of Measurement.

## **Trihalomethane Report**

# **Submitted - Signed**

|                       | =   |      |     |           |            |         |                         |
|-----------------------|-----|------|-----|-----------|------------|---------|-------------------------|
| CHLOROFORM            | 6.2 | UG/L | 0.5 | EPA 524.2 | 12/13/2017 | M-MA022 | ANALYTICAL BALANCE CORP |
| DIBROMOCHLOROMETHANE  | 7.0 | UG/L | 0.5 | EPA 524.2 | 12/13/2017 | M-MA022 | ANALYTICAL BALANCE CORP |
| TOTAL TRIHALOMETHANES | 22  | UG/L | 0.5 | EPA 524.2 | 12/13/2017 | M-MA022 | ANALYTICAL BALANCE CORP |
|                       |     |      |     |           |            |         |                         |

Location ID

Location

Routine/ Special: Collected By:

ected By: Collection Date:

O/R/C:

Resubmit Reason:

Original Collection:

10387 20

2060 WASHINGTON ST - PRIME INFINITY

RS

D. DIETLIN

12/6/2017

0

ubmit Reason: Original Collec

**Sample Comments:** 

**Analysis Comments:** 

Lab Sample ID:

172018704

| Contaminant:          | Result: | UOM: | MDL: | Analytical Method: | Analysis Date: | Analytical Lab ID: | Analytical Lab:         |
|-----------------------|---------|------|------|--------------------|----------------|--------------------|-------------------------|
| BROMODICHLOROMETHANE  | 20.9    | UG/L | 0.5  | EPA 524.2          | 12/13/2017     | M-MA022            | ANALYTICAL BALANCE CORP |
| BROMOFORM             | 3.1     | UG/L | 0.5  | EPA 524.2          | 12/13/2017     | M-MA022            | ANALYTICAL BALANCE CORP |
| CHLOROFORM            | 36.0    | UG/L | 0.5  | EPA 524.2          | 12/13/2017     | M-MA022            | ANALYTICAL BALANCE CORP |
| DIBROMOCHLOROMETHANE  | 10.1    | UG/L | 0.5  | EPA 524.2          | 12/13/2017     | M-MA022            | ANALYTICAL BALANCE CORP |
| TOTAL TRIHALOMETHANES | 70      | UG/L | 0.5  | EPA 524.2          | 12/13/2017     | M-MA022            | ANALYTICAL BALANCE CORP |

Primary Lab Signature: Robert Bentley

Date: 12/28/2017

Certified Signer User Name: ANALYTICAL

EDEP Transaction ID: 980540

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PWS ID #: 4122000

PWS Name: HANOVER WATER DEPT

12/28/2017 7:54:57 AM

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