

**ANALYTICAL REPORTS**

**SAMPLE CODE: 343872**

**8/7/2015**

**Customer:** Taylor, Mark  
 Mark Taylor  
 2970 Cherry Street  
 Denver, CO 80207

**Source:** Outdoor Spigot  
**Source City:** Thornton  
**Source State:** CO

**Date/Time Received:** 7/22/2015 10:30  
**Collected by:** M. Taylor

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

**Legend:**

Any 'Level Detected' marked with an asterisk (\*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

- "ND"** This contaminant was not detected at or above our lower reporting limit (LRL)
- "NA"** Not Analyzed
- "Standard"** This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA Secondary Standards.
- "LRL"** This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.
- "DF"** This column indicates the contaminant dilution factor.

**Report Notes:**

pH analysis has a 15 minute hold time from sampling to analysis. Analysis of pH past the 15 minute hold time should be considered an estimate.

| Fed Id #                           | Contaminant    | Method | Standard | Units        | LRL    | Level Detected | DF | Date/Time Sampled | Date Prepped | Date/Time Analyzed |
|------------------------------------|----------------|--------|----------|--------------|--------|----------------|----|-------------------|--------------|--------------------|
| <b>Microbiologicals</b>            |                |        |          |              |        |                |    |                   |              |                    |
| 3114                               | E. Coli        | 9223B  | 1        | MPN/100 1 mL |        | ND             | 1  | 7/21/2015 13:00   |              | 7/22/2015 13:20    |
| 3000                               | Total Coliform | 9223B  | 1        | MPN/100 1 mL |        | ND             | 1  | 7/21/2015 13:00   |              | 7/22/2015 13:20    |
| <b>Inorganic Analytes - Metals</b> |                |        |          |              |        |                |    |                   |              |                    |
| 1002                               | Aluminum       | 200.7  | 0.2      | mg/L         | 0.05   | ND             | 1  | 7/21/2015 13:00   |              | 7/28/2015          |
| 1074                               | Antimony       | 200.8  | 0.006    | mg/L         | 0.003  | ND             | 1  | 7/21/2015 13:00   |              | 7/24/2015          |
| 1005                               | Arsenic        | 200.8  | 0.010    | mg/L         | 0.002  | ND             | 1  | 7/21/2015 13:00   |              | 7/24/2015          |
| 1010                               | Barium         | 200.7  | 2        | mg/L         | 0.10   | ND             | 1  | 7/21/2015 13:00   |              | 7/28/2015          |
| 1075                               | Beryllium      | 200.7  | 0.004    | mg/L         | 0.001  | ND             | 1  | 7/21/2015 13:00   |              | 7/28/2015          |
| 1079                               | Boron          | 200.7  | --       | mg/L         | 0.10   | ND             | 1  | 7/21/2015 13:00   |              | 7/28/2015          |
| 1015                               | Cadmium        | 200.7  | 0.005    | mg/L         | 0.001  | ND             | 1  | 7/21/2015 13:00   |              | 7/28/2015          |
| 1016                               | Calcium        | 200.7  | --       | mg/L         | 2.0    | 2.8            | 1  | 7/21/2015 13:00   |              | 7/28/2015          |
| 1020                               | Chromium       | 200.7  | 0.100    | mg/L         | 0.007  | ND             | 1  | 7/21/2015 13:00   |              | 7/28/2015          |
| 1022                               | Copper         | 200.7  | 1.0      | mg/L         | 0.002  | ND             | 1  | 7/21/2015 13:00   |              | 7/28/2015          |
| 1028                               | Iron           | 200.7  | 0.3      | mg/L         | 0.020  | ND             | 1  | 7/21/2015 13:00   |              | 7/28/2015          |
| 1030                               | Lead           | 200.8  | 0.015    | mg/L         | 0.001  | ND             | 1  | 7/21/2015 13:00   |              | 7/24/2015          |
| 1031                               | Magnesium      | 200.7  | --       | mg/L         | 0.10   | 0.16           | 1  | 7/21/2015 13:00   |              | 7/28/2015          |
| 1032                               | Manganese      | 200.7  | 0.05     | mg/L         | 0.004  | 0.006          | 1  | 7/21/2015 13:00   |              | 7/31/2015          |
| 1035                               | Mercury        | 200.8  | 0.002    | mg/L         | 0.0002 | ND             | 1  | 7/21/2015 13:00   |              | 7/24/2015          |

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(440) 449-2525, Fax: (440) 449-8585

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| Fed Id #                                  | Contaminant                 | Method              | Standard | Units    | LRL    | Level Detected | DF | Date/Time Sampled | Date Prepped | Date/Time Analyzed |
|-------------------------------------------|-----------------------------|---------------------|----------|----------|--------|----------------|----|-------------------|--------------|--------------------|
| 1036                                      | Nickel                      | 200.7               | --       | mg/L     | 0.005  | ND             | 1  | 7/21/2015 13:00   |              | 7/28/2015          |
| 1042                                      | Potassium                   | 200.7               | --       | mg/L     | 1.0    | ND             | 1  | 7/21/2015 13:00   |              | 7/28/2015          |
| 1045                                      | Selenium                    | 200.8               | 0.05     | mg/L     | 0.002  | ND             | 1  | 7/21/2015 13:00   |              | 7/24/2015          |
| 1050                                      | Silver                      | 200.7               | 0.10     | mg/L     | 0.002  | ND             | 1  | 7/21/2015 13:00   |              | 7/28/2015          |
| 1052                                      | Sodium                      | 200.7               | --       | mg/L     | 5      | 130            | 1  | 7/21/2015 13:00   |              | 7/28/2015          |
| 1085                                      | Thallium                    | 200.8               | 0.002    | mg/L     | 0.001  | ND             | 1  | 7/21/2015 13:00   |              | 7/24/2015          |
| 1095                                      | Zinc                        | 200.7               | 5.000    | mg/L     | 0.004  | 0.004          | 1  | 7/21/2015 13:00   |              | 7/28/2015          |
| <b>Physical Factors</b>                   |                             |                     |          |          |        |                |    |                   |              |                    |
| 1927                                      | Alkalinity (Total as CaCO3) | 2320B               | --       | mg/L     | 20     | 160            | 1  | 7/21/2015 13:00   |              | 7/23/2015          |
| 1915                                      | Hardness (as CaCO3)         | 2340C               | --       | mg/L     | 10     | ND             | 1  | 7/21/2015 13:00   |              | 7/27/2015          |
| 1925                                      | pH                          | 150.1               | 6.5-8.5  | pH Units |        | 8.5            | 1  | 7/21/2015 13:00   |              | 7/22/2015 13:10    |
| 4254                                      | pH Temperature              | 150.1               | --       | Deg, C   |        | 21             | 1  | 7/21/2015 13:00   |              | 7/22/2015 13:10    |
| 1930                                      | Total Dissolved Solids      | TDS by Conductivity | 500      | mg/L     | 1      | 310            | 1  | 7/21/2015 13:00   |              | 7/22/2015          |
| 0100                                      | Turbidity                   | 2130B               | 1        | NTU      | 0.1    | 0.1            | 1  | 7/21/2015 13:00   |              | 7/22/2015 12:40    |
| <b>Inorganic Analytes - Other</b>         |                             |                     |          |          |        |                |    |                   |              |                    |
| 1011                                      | Bromate                     | 300.1               | 0.010    | mg/L     | 0.005  | ND             | 1  | 7/21/2015 13:00   |              | 7/30/2015          |
| 1004                                      | Bromide                     | 300.1               | --       | mg/L     | 0.005  | 0.130          | 1  | 7/21/2015 13:00   |              | 7/31/2015          |
| 1017                                      | Chloride                    | 300.0               | 250      | mg/L     | 1.0    | 11.0           | 1  | 7/21/2015 13:00   |              | 7/22/2015 12:11    |
| 1025                                      | Fluoride                    | 300.0               | 4.0      | mg/L     | 0.10   | 1.20           | 1  | 7/21/2015 13:00   |              | 7/22/2015 12:11    |
| 1040                                      | Nitrate as N                | 300.0               | 10       | mg/L     | 0.05   | ND             | 1  | 7/21/2015 13:00   |              | 7/22/2015 12:11    |
| 1041                                      | Nitrite as N                | 300.0               | 1        | mg/L     | 0.05   | ND             | 1  | 7/21/2015 13:00   |              | 7/22/2015 12:11    |
| 1055                                      | Sulfate                     | 300.0               | 250      | mg/L     | 50.0   | 130.0          | 10 | 7/21/2015 13:00   |              | 7/22/2015 13:10    |
| <b>Organic Analytes - Trihalomethanes</b> |                             |                     |          |          |        |                |    |                   |              |                    |
| 2943                                      | Bromodichloromethane        | 524.2 THMs          | --       | mg/L     | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2942                                      | Bromoform                   | 524.2 THMs          | --       | mg/L     | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2941                                      | Chloroform                  | 524.2 THMs          | --       | mg/L     | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2944                                      | Dibromochloromethane        | 524.2 THMs          | --       | mg/L     | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2950                                      | Total THMs                  | 524.2 THMs          | 0.080    | mg/L     | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| <b>Organic Analytes - Volatiles</b>       |                             |                     |          |          |        |                |    |                   |              |                    |
| 2986                                      | 1,1,1,2-Tetrachloroethane   | 524.2               | --       | mg/L     | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2981                                      | 1,1,1-Trichloroethane       | 524.2               | 0.2      | mg/L     | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2988                                      | 1,1,2,2-Tetrachloroethane   | 524.2               | --       | mg/L     | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2985                                      | 1,1,2-Trichloroethane       | 524.2               | 0.005    | mg/L     | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2978                                      | 1,1-Dichloroethane          | 524.2               | --       | mg/L     | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2977                                      | 1,1-Dichloroethene          | 524.2               | 0.007    | mg/L     | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2410                                      | 1,1-Dichloropropene         | 524.2               | --       | mg/L     | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2420                                      | 1,2,3-Trichlorobenzene      | 524.2               | --       | mg/L     | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |

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|----------|---------------------------|--------|----------|-------|--------|----------------|----|-------------------|--------------|--------------------|
| 2414     | 1,2,3-Trichloropropane    | 524.2  | --       | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2378     | 1,2,4-Trichlorobenzene    | 524.2  | 0.07     | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2418     | 1,2,4-Trimethylbenzene    | 524.2  | --       | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2968     | 1,2-Dichlorobenzene       | 524.2  | 0.6      | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2980     | 1,2-Dichloroethane        | 524.2  | 0.005    | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2983     | 1,2-Dichloropropane       | 524.2  | 0.005    | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2967     | 1,3-Dichlorobenzene       | 524.2  | --       | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2412     | 1,3-Dichloropropane       | 524.2  | --       | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2969     | 1,4-Dichlorobenzene       | 524.2  | 0.075    | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2416     | 2,2-Dichloropropane       | 524.2  | --       | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2965     | 2-Chlorotoluene           | 524.2  | --       | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2966     | 4-Chlorotoluene           | 524.2  | --       | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2990     | Benzene                   | 524.2  | 0.005    | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2993     | Bromobenzene              | 524.2  | --       | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2214     | Bromomethane              | 524.2  | --       | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2982     | Carbon Tetrachloride      | 524.2  | 0.005    | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2989     | Chlorobenzene             | 524.2  | 0.1      | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2216     | Chloroethane              | 524.2  | --       | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2210     | Chloromethane             | 524.2  | --       | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2380     | cis-1,2-Dichloroethene    | 524.2  | 0.07     | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2228     | cis-1,3-Dichloropropene   | 524.2  | --       | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2408     | Dibromomethane            | 524.2  | --       | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2212     | Dichlorodifluoromethane   | 524.2  | --       | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2964     | Dichloromethane           | 524.2  | 0.005    | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2992     | Ethylbenzene              | 524.2  | 0.7      | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2994     | Isopropylbenzene          | 524.2  | --       | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2251     | Methyl Tert Butyl Ether   | 524.2  | --       | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2997     | o-Xylene                  | 524.2  | --       | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2963     | p and m-Xylenes           | 524.2  | --       | mg/L  | 0.0010 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2428     | sec-Butylbenzene          | 524.2  | --       | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2996     | Styrene                   | 524.2  | 0.1      | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2987     | Tetrachloroethene         | 524.2  | 0.005    | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2991     | Toluene                   | 524.2  | 1        | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2979     | trans-1,2-Dichloroethene  | 524.2  | 0.1      | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2224     | trans-1,3-Dichloropropene | 524.2  | --       | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2984     | Trichloroethene           | 524.2  | 0.005    | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2218     | Trichlorofluoromethane    | 524.2  | --       | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2904     | Trichlorotrifluoroethane  | 524.2  | --       | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2976     | Vinyl Chloride            | 524.2  | 0.002    | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |
| 2955     | Xylenes (Total)           | 524.2  | 10       | mg/L  | 0.0005 | ND             | 1  | 7/21/2015 13:00   |              | 7/29/2015          |

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|----------|-------------|--------|----------|-------|-----|----------------|----|-------------------|--------------|--------------------|
|----------|-------------|--------|----------|-------|-----|----------------|----|-------------------|--------------|--------------------|

These test results may be used for compliance purpose as required.

(1) DUE TO THE LIMITATION OF EPA METHOD 524.2, m AND p ISOMERS OF XYLENE ARE REPORTED AS AGGREGATE.

| Analyst | Tests                                       |
|---------|---------------------------------------------|
| GK      | 9223B                                       |
| VH      | 200.7                                       |
| EC      | 200.8                                       |
| PC      | 2320B,2340C,150.1,TDS by Conductivity,2130B |
| SG      | 300.1,300.0                                 |
| SB      | 524.2 THMs,524.2                            |



James Abston, Operations Manager

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