



## User-Friendly Summary of Test Results for the H<sub>2</sub> Series UltraWater Filter



Eaton Analytical



MWH®



All test results are certified and performed in NELAP accredited labs to proper EPA Standards.

**Abstract:** All tests performed were done in manner to replicate the flow rates and contact times of AlkaViva H<sub>2</sub> Series ionizers with a flow rate of 3 liters per minute. No ionization, or form of electrolysis was used in testing to avoid the effect of ionic separation.

All control water samples, influent samples, were created using DI water then spiked with contaminant samples from ERA Labs (<http://www.eraqc.com>) and scanned separately for accurate starting values without passing through UltraWater filters. Start values were prepared to be as close as possible to EPA MCL levels where applicable. In the case of contaminants that are added during treatment such as the chlorine based disinfectant group, start values were prepared to be at least the level that typically found in municipally treated water.

All filters were flushed prior to testing using 10 gallons of DI water, then cleared of excess water by air. Prior to collection approximately 2 liters of control water sample was passed through and the effluent samples were collected at this time.

Testing for the VOC, disinfectant and heavy metals and fluoride sample groups was performed by Silver State Analytical Laboratories and completed on 12/10/12 and 2/19/16 respectively. Fluoride was tested with the addition of a Fluoride Shield. Testing for a sample group of PPCP (pharmaceuticals / personal care products / herbicides and pesticides) was performed by MWH on 8/3/12. Glyphosate testing was performed by eurofins / Eaton Analytical on 4/14/16. Testing for the PFOA's, additional VOC's, additional herbicides, and additional pesticide sample groups was performed by eurofins / Eaton Analytical between 2/20/2020 and 2/28/2020 respectively. Original lab reports available upon request.

### **Test Result Definitions:**

**Influent** = The levels found in the control sample prior to passing through the UltraWater Filtration System.

**Effluent** = The levels found in the collected sample after passing through the UltraWater Filtration System.

**mg/L** = Milligrams per liter, or Parts Per Million (PPM)

**ug/L** = Nanograms per Liter, or Parts Per Billion (PPB)

**ND** = Nondetectable levels were found in testing. ND is an indicator if the lowest level of accurate reporting based on the equipment's capabilities and the type of tests performed.

User-Friendly Summary of UltraWater Test Results

| <i>Drinking Water Contaminant</i>                           | <i>Influent Contaminant Level</i> | <i>Unit of Measure</i> | <i>UltraWater Results (Effluent)</i> | <i>Reporting Limits</i> |
|---|-----------------------------------|------------------------|--------------------------------------|-------------------------|
| <b>Disinfectant and Disinfectant Byproduct Sample Group</b> |                                   |                        |                                      |                         |
| Total Residual Chlorine                                     | 1                                 | mg/L                   | ND                                   | 0.25                    |
| Free Chlorine   | 0.33                              | mg/L                   | ND                                   | 0.25                    |
| Fluoride  | 2                                 | mg/L                   | ND                                   | 1                       |
| Bromodichloromethane  | 820                               | ug/L                   | ND                                   | 250                     |
| Bromoform   | 810                               | ug/L                   | ND                                   | 250                     |
| Chlorodibromomethane  | 3800                              | ug/L                   | ND                                   | 250                     |
| Chloroform (Trichloromethane)                               | 1000                              | ug/L                   | ND                                   | 250                     |
| Total THM (Trihalomethane)                                  | 6400                              | ug/L                   | ND                                   | 1                       |
| TDS   | 105                               | mg/L                   | 100                                  | 10                      |

| <b>Heavy Metals Sample Group</b> |        |      |       |       |
|----------------------------------|--------|------|-------|-------|
| A+A12:B32luminum                 | 0.065  | mg/L | ND    | 0.05  |
| Antimony                         | 0.038  | mg/L | ND    | 0.001 |
| Arsenic                          | 0.043  | mg/L | ND    | 0.001 |
| Barium                           | 1.6    | mg/L | 0.009 | 0.001 |
| Beryllium                        | 0.003  | mg/L | ND    | 0.001 |
| Boron                            | 1.7    | mg/L | ND    | 0.01  |
| Cadmium                          | 0.017  | mg/L | ND    | 0.001 |
| Chromium                         | 0.059  | mg/L | ND    | 0.001 |
| Chromium VI                      | 0.958  | mg/L | ND    | 0.005 |
| Copper                           | 0.22   | mg/L | ND    | 0.001 |
| Iron                             | 1.2    | mg/L | ND    | 0.01  |
| Lead                             | 0.061  | mg/L | ND    | 0.001 |
| Manganese                        | 0.31   | mg/L | 0.003 | 0.01  |
| Molybdenum                       | 0.038  | mg/L | ND    | 0.001 |
| Mercury                          | 0.0008 | mg/L | ND    | 0.002 |
| Nickle                           | 0.054  | mg/L | ND    | 0.001 |
| Selemium                         | 0.08   | mg/L | ND    | 0.001 |
| Silver                           | 0.28   | mg/L | ND    | 0.001 |
| Thalium                          | 0.009  | mg/L | ND    | 0.001 |
| Vanadium                         | 0.31   | mg/L | ND    | 0.001 |
| Zinc                             | 0.23   | mg/L | ND    | 0.001 |

| <b>PFOA's (Forever Chemicals) Sample Group</b> |      |      |       |       |
|--|------|------|-------|-------|
| Perfluorbutanesulfonic Acid (PFBS)             | 0.33 | ug/L | 0.002 | 0.002 |
| Perfluorohexanesulfonic Acid (PFHxS)           | 0.17 | ug/L | ND    | 0.002 |
| Perfluorohexanoic Acid (PFHxA)                 | 0.32 | ug/L | 0.003 | 0.002 |
| Perfluorononanoic Acid (PFNA)                  | 0.25 | ug/L | ND    | 0.002 |
| Perfluorooctanesulfonic Acid (PFOS)            | 0.38 | ug/L | ND    | 0.002 |
| Perfluorooctanoic Acid (PFOA)                  | 0.21 | ug/L | ND    | 0.002 |

**Key: ND: Non-detectable levels were found. mg/L: Milligrams per Liter (or Parts per Million). ug/L: Nanograms per Liter (or Parts per Million)**

User-Friendly Summary of UltraWater Test Results

| Drinking Water Contaminant    | Influent Contaminant Level | Unit of Measure | UltraWater Results (Effluent) | Reporting Limits |
|-------------------------------|----------------------------|-----------------|-------------------------------|------------------|
| <b>VOC Sample Group</b>       |                            |                 |                               |                  |
| 1, 1-Dichloroethene           | 38.5                       | ug/L            | ND                            | 0.1              |
| 1, 3-Dichlorobenzene          | 45                         | ug/L            | ND                            | 0.1              |
| 1,1,1,2-Tetrachloethane       | 201                        | ug/L            | ND                            | 5                |
| 1,1,1-Trichlorethane          | 156                        | ug/L            | ND                            | 5                |
| 1,1,2,2-Tetrachloroethane     | 616                        | ug/L            | ND                            | 5                |
| 1,1,2-Trichloroethane         | 60.2                       | ug/L            | ND                            | 5                |
| 1,1-Dichlorethane             | 397                        | ug/L            | 5.43                          | 5                |
| 1,1-Dichloroethene            | 98.5                       | ug/L            | ND                            | 5                |
| 1,1-dichloropropene           | 246                        | ug/L            | ND                            | 5                |
| 1,2,3-Trichloropropane        | 528                        | ug/L            | ND                            | 5                |
| 1,2,4-Trichlorobenzene        | 101                        | ug/L            | ND                            | 5                |
| 1,2,4-Trimethylbenzene        | 192                        | ug/L            | ND                            | 5                |
| 1,2-Dichlorobenzene           | 228                        | ug/L            | ND                            | 5                |
| 1,2-Dichloroethane            | 108                        | ug/L            | ND                            | 5                |
| 1,2-Dichloropropane           | 186                        | ug/L            | ND                            | 5                |
| 1,3,5-Trimethylbenzene        | 387                        | ug/L            | ND                            | 5                |
| 1,3-Dichloropropane           | 275                        | ug/L            | ND                            | 5                |
| 1,4-Dichlorobenzene           | 203                        | ug/L            | ND                            | 5                |
| 2,2-Dichloropropane           | 179                        | ug/L            | ND                            | 5                |
| 2-Chlorotoluene               | 429                        | ug/L            | ND                            | 5                |
| 4-Chlorotoluene               | 94.5                       | ug/L            | ND                            | 5                |
| Benzene                       | 172                        | ug/L            | ND                            | 5                |
| Bromobenzene                  | 59.6                       | ug/L            | ND                            | 5                |
| Bromochloromethane            | 32                         | ug/L            | ND                            | 0.1              |
| Bromodichloromethane          | 820                        | ug/L            | ND                            | 250              |
| Bromoform                     | 810                        | ug/L            | ND                            | 250              |
| Carbon Tetrachloride          | 153                        | ug/L            | ND                            | 5                |
| Chlorobenzene                 | 34.8                       | ug/L            | ND                            | 0.1              |
| Chlorodibromomethane          | 3800                       | ug/L            | ND                            | 250              |
| Chloroethane                  | 47                         | ug/L            | ND                            | 0.1              |
| Chloroform (Trichloromethane) | 1000                       | ug/L            | ND                            | 250              |
| Chlrobenzene                  | 231                        | ug/L            | ND                            | 5                |
| cis-1,2-dichloroethane        | 366                        | ug/L            | ND                            | 5                |
| cis-1,3-Dichloropropene       | 145                        | ug/L            | ND                            | 5                |
| Dibromomethane                | 156                        | ug/L            | ND                            | 5                |
| Dichlorodifluoromethane       | 160                        | ug/L            | ND                            | 5                |
| Ethylbenzene                  | 262                        | ug/L            | ND                            | 5                |
| Flourotrichloromethane        | 38                         | ug/L            | 5.36                          | 0.1              |
| Glyphosate                    | 860                        | ug/L            | ND                            | 6                |
| Hexachlorobutadine            | 80.3                       | ug/L            | ND                            | 5                |
| Isopropylbenzene              | 328                        | ug/L            | ND                            | 5                |
| m+p-Xylene                    | 72.5                       | ug/L            | ND                            | 5                |
| Methylene chloride            | 266                        | ug/L            | ND                            | 5                |
| methyl-t-butyl ether (MTBE)   | 372                        | ug/L            | 5.36                          | 5                |

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User-Friendly Summary of UltraWater Test Results

| <i>Drinking Water Contaminant</i> | <i>Influent Contaminant Level</i> | <i>Unit of Measure</i> | <i>UltraWater Results (Effluent)</i> | <i>Reporting Limits</i> |
|-----------------------------------|-----------------------------------|------------------------|--------------------------------------|-------------------------|
| <b>VOC Sample Group (cont'd)</b>  |                                   |                        |                                      |                         |
| Napthalene                        | 124                               | ug/L                   | ND                                   | 5                       |
| n-Butylbenzene                    | 24                                | ug/L                   | ND                                   | 0.1                     |
| n-Propylbenzene                   | 247                               | ug/L                   | ND                                   | 5                       |
| o-Xylene                          | 60                                | ug/L                   | ND                                   | 5                       |
| p-isopropyltoluene                | 124                               | ug/L                   | ND                                   | 5                       |
| sec-Butylbenzene                  | 44                                | ug/L                   | ND                                   | 0.1                     |
| Styrene                           | 85.4                              | ug/L                   | ND                                   | 5                       |
| tert-Butylbenzene                 | 318                               | ug/L                   | ND                                   | 5                       |
| Tetrachloroethane                 | 168                               | ug/L                   | ND                                   | 5                       |
| Tetrachloroethene                 | 46                                | ug/L                   | ND                                   | 0.1                     |
| Toluene                           | 265                               | ug/L                   | ND                                   | 5                       |
| Total THM (Trihalomethane)        | 6400                              | ug/L                   | ND                                   | 1                       |
| trans-1,2-Dichloroethane          | 186                               | ug/L                   | ND                                   | 5                       |
| trans-1,3-Dichloropropene         | 205                               | ug/L                   | ND                                   | 5                       |
| Trichloroethane                   | 259                               | ug/L                   | ND                                   | 5                       |
| Trichloroethene                   | 38                                | ug/L                   | ND                                   | 0.1                     |
| Vinychloride                      | 41.5                              | ug/L                   | ND                                   | 0.1                     |
| Vinyl Chloride                    | 136                               | ug/L                   | ND                                   | 5                       |

| <b>SOC Sample Group</b>       |      |      |     |      |
|-------------------------------|------|------|-----|------|
| Acenaphthylene                | 48.5 | ug/L | ND  | 0.1  |
| Anthracene                    | 160  | ug/L | ND  | 0.1  |
| Benzo (a) Anthracene          | 139  | ug/L | ND  | 0.1  |
| Benzo (a) Pyrene              | 38.5 | ug/L | ND  | 0.1  |
| Benzo (b) Fluoranthene        | 48.8 | ug/L | ND  | 0.1  |
| Benzo Perylene                | 50.2 | ug/L | ND  | 0.1  |
| Bis Phthalate                 | 50.2 | ug/L | ND  | 0.1  |
| Butylate                      | 50.2 | ug/L | 0.5 | 0.1  |
| Butylbenzylphthalate          | 52.1 | ug/L | 0.3 | 0.1  |
| Chrysene                      | 45.2 | ug/L | ND  | 0.1  |
| Dibenzo Anthracene            | 53.3 | ug/L | ND  | 0.1  |
| Diethylphthalate              | 49.2 | ug/L | 0.1 | 0.1  |
| Di-n-butylphthalate           | 54   | ug/L | ND  | 0.1  |
| Di-n-butylphthalate           | 54   | ug/L | ND  | 0.1  |
| Di-n-Octylthalate             | 49   | ug/L | ND  | 0.1  |
| Endrin                        | 1.2  | ug/L | ND  | 0.2  |
| Endrin Aldehyde               | 3.2  | ug/L | ND  | 0.1  |
| Endrin Ketone                 | 50.2 | ug/L | ND  | 0.1  |
| Fluoranthene                  | 21.4 | ug/L | ND  | 0.1  |
| Heptachlor                    | 0.76 | ug/L | ND  | 0.04 |
| Heptachlor                    | 0.76 | ug/L | ND  | 0.04 |
| Heptachlor Epoxide (isomer B) | 1.4  | ug/L | ND  | 0.05 |
| Hexachlorobenzene             | 0.89 | ug/L | ND  | 0.05 |
| Hexachlorocyclopentadiene     | 5.7  | ug/L | ND  | 0.05 |

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| <i>Drinking Water Contaminant</i> | <i>Influent Contaminant Level</i> | <i>Unit of Measure</i> | <i>UltraWater Results (Effluent)</i> | <i>Reporting Limits</i> |
|-----------------------------------|-----------------------------------|------------------------|--------------------------------------|-------------------------|
| <b>SOC Sample Group (cont'd)</b>  |                                   |                        |                                      |                         |
| Indeno Pyrene                     | 44.1                              | ug/L                   | ND                                   | 0.1                     |
| Methoxychlor                      | 9.2                               | ug/L                   | ND                                   | 0.1                     |
| Metolachlor                       | 13                                | ug/L                   | ND                                   | 0.05                    |
| Metribuzin                        | 8.2                               | ug/L                   | ND                                   | 0.05                    |
| Molinate                          | 7.6                               | ug/L                   | ND                                   | 0.1                     |
| Norflurazon                       | 50.4                              | ug/L                   | ND                                   | 0.1                     |
| p,p'-DDE                          | 49.5                              | ug/L                   | ND                                   | 0.1                     |
| Phenanthrene                      | 125                               | ug/L                   | ND                                   | 0.1                     |
| Prometon                          | 12                                | ug/L                   | ND                                   | 0.1                     |
| Propachlor                        | 8.2                               | ug/L                   | ND                                   | 0.05                    |
| Pyrene                            | 143                               | ug/L                   | ND                                   | 0.1                     |
| Simazine                          | 14                                | ug/L                   | ND                                   | 0.05                    |
| Thiobencarb (ELAP)                |                                   | ug/L                   |                                      | 0.2                     |
| Trifluralin                       | 2.8                               | ug/L                   | ND                                   | 0.1                     |

| <i>Compounds Action</i>     | <i>Compound Name</i>           | <i>Influent Compound Level</i> | <i>UltraWater Results (Effluent)</i> | <i>Reporting Limits (ng/L)</i> |
|-----------------------------|--------------------------------|--------------------------------|--------------------------------------|--------------------------------|
| <b>Hormone Sample Group</b> |                                |                                |                                      |                                |
| Estrogenic Hormone          | EE2 (17 Alpha ethynlestradiol) | 500                            | ND                                   | 5                              |
| Estrogenic Hormone          | E2 (17 Beta-Estradiol)         | 380                            | ND                                   | 5                              |
| Estrogenic Hormone          | Estrone                        | 400                            | ND                                   | 5                              |
| Steroid Hormone             | Androstenedione                | 370                            | ND                                   | 5                              |
| Steroid Hormone             | Norethisterone                 | 600                            | ND                                   | 5                              |
| Steroid Hormone             | Progesterone                   | 550                            | ND                                   | 5                              |
| Steroid Hormone             | Testosterone                   | 410                            | ND                                   | 10                             |

| <b>Over the Counter Pharmaceutical Sample Group</b> |               |      |    |    |
|---|---------------|------|----|----|
| Analgesic   | Acetaminophen | 640  | ND | 5  |
| Analgesic   | Phenazone     | 530  | ND | 5  |
| Analgesic-NSAID                                     | Ibuprofen     | 1800 | ND | 10 |

| <b>Prescription Drug Sample Group</b> |              |      |    |    |
|---------------------------------------|--------------|------|----|----|
| Analgesic                             | Lidocaine    | 280  | ND | 5  |
| Analgesic-NSAID                       | Butalbital   | 310  | ND | 5  |
| Anti anxiety                          | Meprobamate  | 520  | ND | 5  |
| Anti Asthmatic                        | Albuterol    | 1800 | ND | 5  |
| Anti Asthmatic                        | Theophylline | 310  | ND | 10 |
| Anti Convulsant                       | Primidone    | 230  | ND | 5  |
| Anti Inflammatory                     | Diclofenac   | 390  | ND | 5  |
| Anti Inflammatory                     | Ketoprofen   | 280  | ND | 5  |

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User-Friendly Summary of UltraWater Test Results

| Compounds Action                               | Compound Name         | Influent Compound Level | UltraWater Results (Effluent) | Reporting Limits (ng/L) |
|--|-----------------------|-------------------------|-------------------------------|-------------------------|
| <b>Prescription Drug Sample Group (cont'd)</b> |                       |                         |                               |                         |
| Anti Inflammatory                              | Ketorolac             | 230                     | ND                            | 5                       |
| Anti Inflammatory                              | Meclofenamic Acid     | 380                     | ND                            | 5                       |
| Anti seizure                                   | Carbamazepine         | 480                     | ND                            | 5                       |
| Anti seizure                                   | Phenytoin             | 243                     | ND                            | 5                       |
| Antibiotic                                     | Amoxicillin           | 480                     | ND                            | 20                      |
| Antibiotic                                     | Azithromycin          | 31000                   | 810                           | 5                       |
| Antibiotic                                     | Carbadox              | 360                     | ND                            | 5                       |
| Antibiotic                                     | Chloramphanicol       | 360                     | ND                            | 5                       |
| Antibiotic                                     | Erythroycin           | 110                     | ND                            | 10                      |
| Antibiotic                                     | Flumequine            | 110                     | ND                            | 10                      |
| Antibiotic                                     | Lincomycin            | 270                     | ND                            | 10                      |
| Antibiotic                                     | Oxolinic acid         | 1200                    | ND                            | 10                      |
| Antibiotic                                     | Trimethoprim          | 84                      | ND                            | 5                       |
| Anti-cholesterol                               | Clofibrac acid        | 470                     | ND                            | 5                       |
| Anticoagulant                                  | Warfarin              | 860                     | ND                            | 5                       |
| Antidepressant                                 | Fluoxetine (Prozac)   | 470                     | ND                            | 10                      |
| Anti-Seizure                                   | Dilantin              | 2400                    | ND                            | 20                      |
| Beta Blocker                                   | Atenolol              | 1000                    | ND                            | 5                       |
| Beta Blocker                                   | Lopressor             | 3400                    | ND                            | 20                      |
| Blood thinner                                  | Pentoxifylline        | 490                     | ND                            | 5                       |
| Calcium Blocker                                | Nifedipine            | 1600                    | 87                            | 20                      |
| Enzyme   | Chloridazon           | 120                     | ND                            | 5                       |
| H2 Blocker                                     | Cimetidine            | 4400                    | ND                            | 5                       |
| Heart Medication                               | Dehydronifedipine     | 230                     | ND                            | 5                       |
| Lipid Regulator                                | Bezafibrate           | 1200                    | ND                            | 5                       |
| Lipid Regulator                                | Gemfibrozil           | 450                     | ND                            | 5                       |
| Muscle Relaxant                                | Carisoprodol          | 540                     | ND                            | 5                       |
| Sulfa Antibiotic                               | Sulfachloropyridazine | 3400                    | ND                            | 5                       |
| Sulfa Antibiotic                               | Sulfamerazine         | 170                     | ND                            | 5                       |
| Sulfa Antibiotic                               | Sulfadiazine          | 630                     | ND                            | 5                       |
| Sulfa Antibiotic                               | Sulfamethoxine        | 550                     | ND                            | 5                       |
| Sulfa Antibiotic                               | Sulfamethazine        | 200                     | ND                            | 5                       |
| Sulfa Antibiotic                               | Sulfamethizole        | 270                     | ND                            | 5                       |
| Sulfa Antibiotic                               | Sulfathiazole         | 200                     | ND                            | 5                       |
| Sulfa Antibiotic                               | Sulfamethoxazole      | 290                     | ND                            | 5                       |
| Triazide                                       | Bendroflumethiazide   | 880                     | ND                            | 5                       |
| Valium- Antianxiety                            | Diazepam              | 620                     | ND                            | 5                       |

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User-Friendly Summary of UltraWater Test Results

| Compounds Action              | Compound Name        | Influent Compound Level | UltraWater Results (Effluent) | Reporting Limits (ng/L) |
|-------------------------------|----------------------|-------------------------|-------------------------------|-------------------------|
| <b>Stimulant Sample Group</b> |                      |                         |                               |                         |
| Caffeine Degradate            | 1,7-dimethylxanthine | 700                     | ND                            | 5                       |
| Caffeine Degradate            | Theobromine          | 560                     | ND                            | 5                       |
| Nicotine Degradate            | Cotinine             | 1900                    | ND                            | 10                      |
| Stimulant                     | Caffeine             | 780                     | ND                            | 5                       |
| Analgesic-NSAID               | Naproxen             | 240                     | ND                            | 10                      |

| <b>Personal Care Product Sample Group</b> |           |      |    |    |
|---|-----------|------|----|----|
| Antibacterial                             | Triclosan | 1000 | ND | 10 |
| Mosquito Repellant                        | DEET      | 340  | ND | 2  |

| <b>Preservative Sample Group</b> |                 |      |    |    |
|----------------------------------|-----------------|------|----|----|
| Preservative                     | Butylparaben    | 730  | ND | 5  |
| Preservative                     | Ethylparaben    | 2100 | ND | 20 |
| Preservative                     | Isobutylparaben | 780  | ND | 5  |
| Preservative                     | Methylparaben   | 1400 | ND | 20 |
| Preservative                     | Propylparaben   | 270  | ND | 5  |

| <b>Pesticide/Herbicide Sample Group</b> |                             |      |      |     |
|---|-----------------------------|------|------|-----|
| Herbicide                               | 2, 4 - DB                   | 52   | ND   | 0.1 |
| Herbicide                               | 2,4,5-TP (Silvex)           | 26   | ND   | 0.1 |
| Herbicide                               | 2,4-D                       | 250  | ND   | 0.1 |
| Herbicide                               | 3, 5 - Dichlorobenzoic Acid | 70   | ND   | 0.1 |
| Herbicide                               | Acifluorfen                 | 24   | ND   | 0.1 |
| Herbicide                               | Bentazon                    | 14   | ND   | 0.1 |
| Herbicide                               | Bromacil                    | 480  | ND   | 0.1 |
| Herbicide                               | Butachlor                   | 49   | ND   | 0.1 |
| Herbicide                               | Chloramben                  | 58   | 0.78 | 0.1 |
| Herbicide                               | Chlorotoluron               | 440  | ND   | 5   |
| Herbicide                               | Dalapon                     | 32   | 1.2  | 1   |
| Herbicide                               | Dichloprop                  | 10   | ND   | 1   |
| Herbicide                               | Dinoseb                     | 10   | ND   | 2   |
| Herbicide                               | Diphenamid                  | 50   | 1.2  | 0.1 |
| Herbicide                               | Diuron                      | 940  | ND   | 5   |
| Herbicide                               | Fluridone                   | 51   | ND   | 0.1 |
| Herbicide                               | Glyphosate (Roundup)        | 860  | ND   | 5   |
| Herbicide                               | Isoproturon                 | 2000 | ND   | 0   |
| Herbicide                               | Linuron                     | 420  | ND   | 5   |
| Herbicide                               | Metazachlor                 | 520  | ND   | 5   |
| Herbicide                               | Napropamide                 | 48   | ND   | 0.1 |
| Herbicide                               | Picloram                    | 52   | 0.65 | 0   |

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| Compounds Action                                 | Compound Name                  | Influent Compound Level | UltraWater Results (Effluent) | Reporting Limits (ng/L) |
|--|--------------------------------|-------------------------|-------------------------------|-------------------------|
| <b>Pesticide/Herbicide Sample Group (cont'd)</b> |                                |                         |                               |                         |
| Herbicide  | Propyzimide                    | 37                      | ND                            | 0.1                     |
| Herbicide  | Terbacil                       | 47                      | ND                            | 0.1                     |
| Herbicide  | Tot DCPA Mono&Diacid Degradate | 51                      | 10                            | 2                       |
| Herbicide  | Tridemefon                     | 51                      | ND                            | 0.1                     |
| Herbicide  | Vinclozalin                    | 51                      | ND                            | 0.1                     |
| Pesticide  | 4 - Nitrophenol                | 12                      | ND                            | 1                       |
| Pesticide  | Beta-BHC                       | 49                      | ND                            | 0.1                     |
| Pesticide  | Dicamba                        | 110                     | 1.6                           | 10                      |
| Pesticide  | Dieldrin                       | 50                      | ND                            | 0.1                     |
| Pesticide  | Endosulfan II                  | 51                      | ND                            | 0.1                     |
| Pesticide  | Endosulfan Sulfate             | 51                      | ND                            | 0.1                     |
| Pesticide  | Pentachlorophenol              | 16                      | ND                            | 1                       |
| Pesticide  | Quinoline                      | 250                     | ND                            | 5                       |
| Pesticide  | Tebuconazole                   | 45                      | ND                            | 0.1                     |
| Triazine Herbicide                               | Cyanazine                      | 16                      | ND                            | 5                       |
| Triazine Herbicide                               | Propazine                      | 340                     | ND                            | 5                       |
| Triazine Herbicide                               | Simazine                       | 120                     | ND                            | 5                       |

|  |                    |       |    |     |
|--|--------------------|-------|----|-----|
| <b>Wastewater Indicator Sample Group</b> |                    |       |    |     |
| Flame Retardant                          | TCEP               | 29    | ND | 5   |
| Flame Retardant                          | TCPP               | 440   | ND | 5   |
| Flame Retardant                          | TDCPP              | 1000  | ND | 5   |
| Plasticizer                              | BPA (Bis Phenol A) | 270   | ND | 10  |
| Sugar Substitute                         | Acesulfame-K       | 1300  | ND | 20  |
| Sugar Substitute                         | Sucralose          | 15000 | ND | 100 |
| Surfactant                               | 4-nonylphenol      | 710   | ND | 100 |
| Surfactant                               | 4-tert-octylphenol | 400   | ND | 50  |
| X-ray Contrast agent                     | Iohexol (Iohexal)  | 240   | ND | 10  |
| X-ray Contrast agent                     | Iopromide          | 290   | ND | 5   |

**Key: ND: Non-detectable levels were found. mg/L: Milligrams per Liter (or Parts per Million). ug/L: Nanograms per Liter (or Parts per Million)**