

| Chemical/Radiological Monitoring      |                            |                         |                      |                                   |                      |                                   |                                  |                                   |
|---------------------------------------|----------------------------|-------------------------|----------------------|-----------------------------------|----------------------|-----------------------------------|----------------------------------|-----------------------------------|
| SDWIS Codes                           | Contaminant                | MCL (mg/*) <sub>1</sub> | MCLs                 |                                   | Treatment Techniques |                                   | Significant Monitoring/Reporting |                                   |
|                                       |                            |                         | Number of Violations | Number of Systems With Violations | Number of Violations | Number of Systems With Violations | Number of Violations             | Number of Systems With Violations |
| <b>Volatile Organic Contaminants</b>  |                            |                         |                      |                                   |                      |                                   |                                  |                                   |
| 2378                                  | 1,2,4-Trichlorobenzene     | 0.07                    | 0                    | 0                                 |                      |                                   | 34                               | 34                                |
| 2380                                  | cis-1,2-Dichloroethylene   | 0.07                    | 0                    | 0                                 |                      |                                   | 34                               | 34                                |
| 2955                                  | Xylenes (total)            | 10                      | 0                    | 0                                 |                      |                                   | 34                               | 34                                |
| 2964                                  | Dichloromethane            | 0.005                   | 0                    | 0                                 |                      |                                   | 34                               | 34                                |
| 2968                                  | o-Dichlorobenzene          | 0.6                     | 0                    | 0                                 |                      |                                   | 34                               | 34                                |
| 2969                                  | p-Dichlorobenzene          | 0.075                   | 0                    | 0                                 |                      |                                   | 34                               | 34                                |
| 2976                                  | Vinyl chloride             | 0.002                   | 0                    | 0                                 |                      |                                   | 34                               | 34                                |
| 2977                                  | 1,1-Dichloroethylene       | 0.007                   | 0                    | 0                                 |                      |                                   | 34                               | 34                                |
| 2979                                  | trans-1,2-Dichloroethylene | 0.1                     | 0                    | 0                                 |                      |                                   | 34                               | 34                                |
| 2980                                  | 1,2-Dichloroethane         | 0.005                   | 0                    | 0                                 |                      |                                   | 34                               | 34                                |
| 2981                                  | 1,1,1-Trichloroethane      | 0.2                     | 0                    | 0                                 |                      |                                   | 34                               | 34                                |
| 2982                                  | Carbon Tetrachloride       | 0.005                   | 0                    | 0                                 |                      |                                   | 34                               | 34                                |
| 2983                                  | 1,2-Dichloropropane        | 0.005                   | 0                    | 0                                 |                      |                                   | 34                               | 34                                |
| 2984                                  | Trichloroethylene          | 0.005                   | 0                    | 0                                 |                      |                                   | 34                               | 34                                |
| 2985                                  | 1,1,2-Trichloroethane      | 0.005                   | 0                    | 0                                 |                      |                                   | 34                               | 34                                |
| 2987                                  | Tetrachloroethylene        | 0.005                   | 0                    | 0                                 |                      |                                   | 34                               | 34                                |
| 2989                                  | Monochlorobenzene          | 0.1                     | 0                    | 0                                 |                      |                                   | 34                               | 34                                |
| 2990                                  | Benzene                    | 0.005                   | 0                    | 0                                 |                      |                                   | 34                               | 34                                |
| 2991                                  | Toluene                    | 1                       | 0                    | 0                                 |                      |                                   | 34                               | 34                                |
| 2992                                  | Ethylbenzene               | 0.7                     | 0                    | 0                                 |                      |                                   | 34                               | 34                                |
| 2996                                  | Styrene                    | 0.1                     | 0                    | 0                                 |                      |                                   | 34                               | 34                                |
| <b>Synthetic Organic Contaminants</b> |                            |                         |                      |                                   |                      |                                   |                                  |                                   |
| 2005                                  | Endrin                     | 0.002                   | 0                    | 0                                 |                      |                                   | 49                               | 49                                |
| 2010                                  | Lindane                    | 0.0002                  | 0                    | 0                                 |                      |                                   | 49                               | 49                                |
| 2015                                  | Methoxychlor               | 0.04                    | 0                    | 0                                 |                      |                                   | 49                               | 49                                |
| 2020                                  | Toxaphene                  | 0.003                   | 0                    | 0                                 |                      |                                   | 49                               | 49                                |
| 2031                                  | Dalapon                    | 0.2                     | 0                    | 0                                 |                      |                                   | 0                                | 0                                 |
| 2032                                  | Diquat                     | 0.02                    | 0                    | 0                                 |                      |                                   | 0                                | 0                                 |
| 2033                                  | Endothall                  | 0.1                     | 0                    | 0                                 |                      |                                   | 0                                | 0                                 |
| 2034                                  | Glyphosate                 | 0.7                     | 0                    | 0                                 |                      |                                   | 0                                | 0                                 |
| 2035                                  | Di(2-ethylhexyl)adipate    | 0.4                     | 0                    | 0                                 |                      |                                   | 0                                | 0                                 |
| 2036                                  | Oxamyl (Vydate)            | 0.2                     | 0                    | 0                                 |                      |                                   | 51                               | 51                                |
| 2037                                  | Simazine                   | 0.004                   | 0                    | 0                                 |                      |                                   | 49                               | 49                                |
| 2039                                  | Di(2-ethylhexyl)phthalate  | 0.006                   | 0                    | 0                                 |                      |                                   | 0                                | 0                                 |
| 2040                                  | Picloram                   | 0.5                     | 0                    | 0                                 |                      |                                   | 49                               | 49                                |

|                               |                                    |                   |    |    |  |  |     |     |
|-------------------------------|------------------------------------|-------------------|----|----|--|--|-----|-----|
| 2041                          | Dinoseb                            | 0.007             | 0  | 0  |  |  | 49  | 49  |
| 2042                          | Hexachlorocyclopentadiene          | 0.05              | 0  | 0  |  |  | 49  | 49  |
| 2043                          | Aldicarb Sulfoxide                 | na                |    |    |  |  | 3   | 3   |
| 2044                          | Aldicarb Sulfone                   | na                |    |    |  |  | 3   | 3   |
| 2046                          | Carbofuran                         | 0.04              | 0  | 0  |  |  | 51  | 51  |
| 2047                          | Aldicarb                           | na                |    |    |  |  | 3   | 3   |
| 2050                          | Atrazine                           | 0.003             | 0  | 0  |  |  | 49  | 49  |
| 2051                          | Alachlor                           | 0.002             | 0  | 0  |  |  | 49  | 49  |
| 2063                          | 2,3,7,8-TCDD (Dioxin)              | 3x10-8            | 0  | 0  |  |  | 0   | 0   |
| 2065                          | Heptachlor                         | 0.0004            | 0  | 0  |  |  | 49  | 49  |
| 2067                          | Heptachlor epoxide                 | 0.0002            | 0  | 0  |  |  | 49  | 49  |
| 2105                          | 2,4-D                              | 0.07              | 0  | 0  |  |  | 49  | 49  |
| 2110                          | 2,4,5-TP                           | 0.05              | 0  | 0  |  |  | 49  | 49  |
| 2274                          | Hexachlorobenzene                  | 0.001             | 0  | 0  |  |  | 49  | 49  |
| 2306                          | Benzo[a]pyrene                     | 0.0002            | 0  | 0  |  |  | 1   | 1   |
| 2326                          | Pentachlorophenol                  | 0.001             | 0  | 0  |  |  | 49  | 49  |
| 2383                          | Total polychlorinated biphenyls    | 0.0005            | 0  | 0  |  |  | 49  | 49  |
| 2931                          | 1,2-Dibromo-3-chloropropane (DBCP) | 0.0002            | 0  | 0  |  |  | 0   | 0   |
| 2946                          | Ethylene dibromide                 | 0.00005           | 0  | 0  |  |  | 0   | 0   |
| 2959                          | Chlordane                          | 0.002             | 0  | 0  |  |  | 49  | 49  |
| <b>Inorganic Contaminants</b> |                                    |                   |    |    |  |  |     |     |
| 1038                          | Total nitrate and nitrite          | 10 (as Nitrogen)  | 0  | 0  |  |  | 0   | 0   |
| 1040**                        | Nitrate**                          | 10 (as Nitrogen)  | 19 | 18 |  |  | 373 | 363 |
| 1041                          | Nitrite                            | 1 (as Nitrogen)   | 0  | 0  |  |  | 1   | 1   |
| 1005                          | Arsenic                            | 0.05              | 97 | 94 |  |  | 82  | 82  |
| 1010                          | Barium                             | 2                 | 0  | 0  |  |  | 36  | 36  |
| 1015                          | Cadmium                            | 0.005             | 0  | 0  |  |  | 36  | 36  |
| 1020                          | Chromium                           | 0.1               | 0  | 0  |  |  | 36  | 36  |
| 1024**                        | Cyanide (as free cyanide)**        | 0.2               | 0  | 0  |  |  | 17  | 17  |
| 1025                          | Fluoride                           | 4                 | 0  | 0  |  |  | 1   | 1   |
| 1035                          | Mercury                            | 0.002             | 0  | 0  |  |  | 36  | 36  |
| 1036                          | Nickel                             | na                |    |    |  |  | 1   | 1   |
| 1045                          | Selenium                           | 0.05              | 0  | 0  |  |  | 36  | 36  |
| 1074                          | Antimony                           | 0.006             | 0  | 0  |  |  | 36  | 36  |
| 1075                          | Beryllium                          | 0.004             | 0  | 0  |  |  | 36  | 36  |
| 1085                          | Thallium                           | 0.002             | 0  | 0  |  |  | 36  | 36  |
| 1094                          | Asbestos                           | 7 million fibers/ | 0  | 0  |  |  | 0   | 0   |

| Radionuclides                       |                           |           |     |     |  |  |      |     |
|-------------------------------------|---------------------------|-----------|-----|-----|--|--|------|-----|
| 4000                                | Gross Alpha               | 15 pCi/l  | 0   | 0   |  |  | 3    | 3   |
| 4006                                | Combined Uranium          | 30 ug/l   |     |     |  |  |      |     |
| 4010                                | Radium 226 and Radium 228 | 5 pCi/l   | 1   | 1   |  |  | 3    | 3   |
| 4100                                | Gross Beta                | 4 mrem/yr | 0   | 0   |  |  | 0    | 0   |
| <b>All Chemical Groups Subtotal</b> |                           |           | 117 | 113 |  |  | 2477 | 504 |

| Total Coliform Rule |  |                         |                      |                                   |                      |                                   |                                  |                                   |
|---------------------|--|-------------------------|----------------------|-----------------------------------|----------------------|-----------------------------------|----------------------------------|-----------------------------------|
| SDWIS Codes         | Contaminant                            | MCL (mg/*) <sup>1</sup> | MCLs                 |                                   | Treatment Techniques |                                   | Significant Monitoring/Reporting |                                   |
|                     |  |                         | Number of Violations | Number of Systems With Violations | Number of Violations | Number of Systems With Violations | Number of Violations             | Number of Systems With Violations |
| 21                  | Acute MCL Violation                    | Presence                | 19                   | 19                                |                      |                                   |                                  |                                   |
| 22                  | Non-acute MCL Violation                | Presence                | 395                  | 353                               |                      |                                   |                                  |                                   |
| 23, 25              | Major routine and follow up monitoring |                         |                      |                                   |                      |                                   | 852                              | 690                               |
| <b>TCR Subtotal</b> |  |                         | 414                  | 367                               |                      |                                   | 852                              | 690                               |

| Lead and Copper Rule |  |                         |                      |                                   |                      |                                   |                                  |                                   |
|----------------------|--|-------------------------|----------------------|-----------------------------------|----------------------|-----------------------------------|----------------------------------|-----------------------------------|
| SDWIS Codes          | Contaminant                                  | MCL (mg/*) <sup>1</sup> | MCLs                 |                                   | Treatment Techniques |                                   | Significant Monitoring/Reporting |                                   |
|                      |  |                         | Number of Violations | Number of Systems With Violations | Number of Violations | Number of Systems With Violations | Number of Violations             | Number of Systems With Violations |
| 51                   | Initial lead and copper tap M/R              |                         |                      |                                   |                      |                                   | 31                               | 27                                |
| 52                   | Follow-up or routine lead and copper tap M/R |                         |                      |                                   |                      |                                   | 80                               | 80                                |
| 58                   | Treatment Installation                       |                         |                      |                                   | 0                    | 0                                 |                                  |                                   |
| 65                   | Public Education                             |                         |                      |                                   | 2                    | 2                                 |                                  |                                   |
| <b>LCR Subtotal</b>  |  |                         |                      |                                   | 2                    | 2                                 | 111                              | 108                               |

| Consumer Confidence Report Rule |                        |                         |                      |                                   |                      |                                   |                                  |                                   |
|---------------------------------|------------------------|-------------------------|----------------------|-----------------------------------|----------------------|-----------------------------------|----------------------------------|-----------------------------------|
| SDWIS Codes                     | Contaminant            | MCL (mg/*) <sup>1</sup> | MCLs                 |                                   | Treatment Techniques |                                   | Significant Monitoring/Reporting |                                   |
|                                 |                        |                         | Number of Violations | Number of Systems With Violations | Number of Violations | Number of Systems With Violations | Number of Violations             | Number of Systems With Violations |
| 71                              | Failure to produce CCR |                         |                      |                                   |                      |                                   | 3                                | 3                                 |
| <b>CCR Subtotal</b>             |                        |                         |                      |                                   |                      |                                   | 3                                | 3                                 |

| Public Notification Rule |                        |                         |                      |                                   |                      |                                   |                                  |                                   |
|--------------------------|------------------------|-------------------------|----------------------|-----------------------------------|----------------------|-----------------------------------|----------------------------------|-----------------------------------|
| SDWIS Codes              | Contaminant            | MCL (mg/*) <sup>1</sup> | MCLs                 |                                   | Treatment Techniques |                                   | Significant Monitoring/Reporting |                                   |
|                          |                        |                         | Number of Violations | Number of Systems With Violations | Number of Violations | Number of Systems With Violations | Number of Violations             | Number of Systems With Violations |
| 75                       | PN for NPDWR violation |                         |                      |                                   |                      |                                   | 9                                | 2                                 |
|                          | <b>PN Subtotal</b>     |                         |                      |                                   |                      |                                   | 9                                | 2                                 |

| Surface Water Treatment Rules |  |                         |                      |                                   |                      |                                   |                                  |                                   |
|-------------------------------|--|-------------------------|----------------------|-----------------------------------|----------------------|-----------------------------------|----------------------------------|-----------------------------------|
| SDWIS Codes                   | Contaminant                            | MCL (mg/*) <sup>1</sup> | MCLs                 |                                   | Treatment Techniques |                                   | Significant Monitoring/Reporting |                                   |
|                               |  |                         | Number of Violations | Number of Systems With Violations | Number of Violations | Number of Systems With Violations | Number of Violations             | Number of Systems With Violations |
| 9                             | Failure to keep proper records         |                         |                      |                                   |                      |                                   | 0                                | 0                                 |
| 29                            | Individual filter triggered activities |                         |                      |                                   |                      |                                   | 0                                | 0                                 |
| 32                            | Source Monitoring (LT2)                |                         |                      |                                   |                      |                                   | 0                                | 0                                 |
| 33                            | Failure to submit bin class (LT2)      |                         |                      |                                   |                      |                                   | 0                                | 0                                 |
| 36                            | Monitoring (SWTR-Filtered)             |                         |                      |                                   |                      |                                   | 0                                | 0                                 |
| 38                            | Monitor/report required parameters     |                         |                      |                                   |                      |                                   | 1                                | 1                                 |
| 37                            | Failure to profile / consult           |                         |                      |                                   | 0                    | 0                                 |                                  |                                   |
| 41-0200                       | Turbidity / disinfection residual      |                         |                      |                                   | 0                    | 0                                 |                                  |                                   |
| 41-0800                       | Failure of microbial treatment (LT2)   |                         |                      |                                   | 0                    | 0                                 |                                  |                                   |
| 42-0200                       | Failure to filter                      |                         |                      |                                   | 0                    | 0                                 |                                  |                                   |
| 42-0800                       | Failure to provide LT2 treatment       |                         |                      |                                   | 0                    | 0                                 |                                  |                                   |
| 43                            | Combined filter effluent > 1 NTU       |                         |                      |                                   | 0                    | 0                                 |                                  |                                   |
| 44                            | > 5% comb. filter effluent > 0.3 NTU   |                         |                      |                                   | 0                    | 0                                 |                                  |                                   |
| 45                            | Failure to address deficiency          |                         |                      |                                   | 0                    | 0                                 |                                  |                                   |
| 47                            | Uncovered finished water storage       |                         |                      |                                   | 0                    | 0                                 |                                  |                                   |
|                               | <b>SWTRs Subtotal</b>                  |                         |                      |                                   | 0                    | 0                                 | 1                                | 1                                 |

| Disinfectants and Disinfection Byproducts Rules |                                    |                                |                      |                                   |                      |                                   |                                  |                                   |
|---|------------------------------------|--------------------------------|----------------------|-----------------------------------|----------------------|-----------------------------------|----------------------------------|-----------------------------------|
| SDWIS Codes                                     | Contaminant                        | MCL / MRDL (mg/*) <sup>1</sup> | MCLs / MRDLs         |                                   | Treatment Techniques |                                   | Significant Monitoring/Reporting |                                   |
|   |                                    |                                | Number of Violations | Number of Systems With Violations | Number of Violations | Number of Systems With Violations | Number of Violations             | Number of Systems With Violations |
| 02-1009   | Chlorite                           | 1.0                            | 0                    | 0                                 |                      |                                   |                                  |                                   |
| 02-1011   | Bromate                            | 0.010                          | 0                    | 0                                 |                      |                                   |                                  |                                   |
| 02-2456   | Total Haloacetic Acids             | 0.060                          | 4                    | 1                                 |                      |                                   |                                  |                                   |
| 02-2950   | Total Trihalomethanes              | 0.080                          | 5                    | 2                                 |                      |                                   |                                  |                                   |
| 11-1006   | Chloramines MRDL                   | 4.0                            | 0                    | 0                                 |                      |                                   |                                  |                                   |
| 11-0999   | Chlorine MRDL                      | 4.0                            | 0                    | 0                                 |                      |                                   |                                  |                                   |
| 11-1008   | Chlorine Dioxide MRDL, non-acute   | 0.8                            | 0                    | 0                                 |                      |                                   |                                  |                                   |
| 13  | Chlorine Dioxide MRDL, acute       | 0.8                            | 0                    | 0                                 |                      |                                   |                                  |                                   |
| 12  | Certified treatment plant operator |                                |                      |                                   | 1                    | 1                                 |                                  |                                   |
| 46  | Inadequate precursor removal (TOC) |                                |                      |                                   | 0                    | 0                                 |                                  |                                   |
| 27  | DBPR monitoring/reporting          |                                |                      |                                   |                      |                                   | 30                               | 16                                |
|   | <b>DBPRs Subtotal</b>              |                                | 9                    | 2                                 | 1                    | 1                                 | 30                               | 16                                |

| Ground Water Rule |   |                         |                      |                                   |                      |                                   |  |                                   |
|-------------------|---|-------------------------|----------------------|-----------------------------------|----------------------|-----------------------------------|--|-----------------------------------|
| SDWIS Codes       | Contaminant                               | MCL (mg/*) <sup>1</sup> | MCLs                 |                                   | Treatment Techniques |                                   | Significant Monitoring/Reporting/Other |                                   |
|                   |   |                         | Number of Violations | Number of Systems With Violations | Number of Violations | Number of Systems With Violations | Number of Violations                   | Number of Systems With Violations |
| 19                | Source water assessment monitoring        |                         |                      |                                   |                      |                                   | 0                                      | 0                                 |
| 31                | Failure to monitor treatment (4-log)      |                         |                      |                                   |                      |                                   | 0                                      | 0                                 |
| 34                | Failure to monitoring source water        |                         |                      |                                   |                      |                                   | 9                                      | 7                                 |
| 41                | Failure of microbial treatment (4-log)    |                         |                      |                                   | 0                    | 0                                 |  |                                   |
| 42                | Failure to provide treatment              |                         |                      |                                   | 0                    | 0                                 |  |                                   |
| 45                | Failure to address significant deficiency |                         |                      |                                   | 2                    | 2                                 |  |                                   |
| 48                | Failure to address contamination          |                         |                      |                                   | 0                    | 0                                 |  |                                   |
| 5                 | Failure to notify state                   |                         |                      |                                   |                      |                                   | 0                                      | 0                                 |
| 9                 | Failure to maintain records               |                         |                      |                                   |                      |                                   | 0                                      | 0                                 |
| 20                | Failure to consult with state             |                         |                      |                                   |                      |                                   | 0                                      | 0                                 |
| 28                | Sanitary survey cooperation failure       |                         |                      |                                   |                      |                                   | 0                                      | 0                                 |
| 73                | Failure to notify consecutive system(s)   |                         |                      |                                   |                      |                                   | 0                                      | 0                                 |
|                   | <b>GWR Subtotal</b>                       |                         |                      |                                   | 2                    | 2                                 | 9                                      | 7                                 |

<sup>1</sup> Values are in milligrams per liter (mg/l), unless otherwise specified.

| Summary Table  |        |
|--|--------|
| Total Number of Regulated Systems  | 11,320 |
| Total Number of Systems in Violation<br>(generally lower than the total number of violations, as one system may violate multiple requirements) | 1,955  |
| Total Number of Violations   | 4,037  |