

Water and Wastewater Industrial and Municipal

Month	Station #1	Station #2	Station #3	Station #4	Total
January	43,829	85,654	233,796	190,048	553,327
February	39,472	39,820	84,183	38,499	201,974
March	38,388	94,839	198,876	178,998	511,101
April	38,522	32,791	34,959	49,516	155,788
May	47,94	67,65			
June	67,65				
July	44,00				
August	56,14				
September	39,22				
October	54,45				
November	55,75				
December	50,46				
Total	6,709,714				

Station	105	110	120	116
Value 1	200	5	5	5
Value 2	2.80	6.60	4.10	4.20
Value 3	3.90		2.50	2.40
Value 4	60.00		1.50	1.50
Value 5	234.00		3.75	3.60
Value 6	240.00			3.68

Massachusetts Department of Environmental Protection - Drinking Water Program
COMPLIANCE DETERMINATION FOR FILTERED SYSTEMS - Monthly Report SWTR G

PWS ID#: 22160044 PWS Name: Frankville Water Treatment Plant PWS Town: Frankville, MA 01582

Treatment Plant Name: WELLFIELD WATER TREATMENT PLANT Reporting Period: Month: July Year: 2017

II. TURBIDITY PERFORMANCE CRITERIA

1. Monthly Turbidity (95%) NTU Limit - The turbidity level of a system's filtered water must be less than or equal to the Monthly Turbidity NTU Limit in at least 95% of the measurements taken each month for the filtration technology used, otherwise SWTR TT Violation (Tier 2).

180	= A	Total # of filtered water turbidity measurements for month (SWTR - Form F)
180	= B	Total # of filtered water turbidity measurements less than or equal to the specified limits for the filtration technology used (SWTR - Form F)
100.00%	= (B/A) X 100	The percentage of turbidity measurements meeting the Monthly Turbidity 95% NTU Limit.

2. Max Day NTU Limit - The turbidity level of a system's filtered water must at no time exceed the Max Day NTU Limit for the filtration technology used, otherwise SWTR TT Violation (Tier 2).

Date	Value	Date Reported to DEP	Date	Value	Date Reported to DEP
7/12/2017 00:45	1				
7/29/2017 07:30	1				

For each day the Max Day NTU limit is exceeded, the DEP must be notified by the end of the next business day. SWTR TT Violation (Tier 2). If DEP is not consulted within 24 hours then it is a SWTR TT (Tier 1) violation requiring public notification within 24 hours.

III. DISINFECTION PERFORMANCE CRITERIA

1. Point-of-Entry Minimum Disinfectant Residual Criteria - Residual Disinfectant concentration cannot be <0.2 mg/L for more than 4 hours. SWTR TT Violation (Tier 2).

Day	Cl ₂ mg/L												
1	2.09	6	1.55	11	2.12	16	2.16	21	1.88	26	2.13	31	2.1
2	2.02	7	2.18	12	1.53	17	2.13	22	2.12	27	1.54		
3	2.09	8	1.95	13	2.13	18	2.09	23	2.07	28	2.1		
4	1.58	9	2.12	14	2.05	19	2.12	24	1.51	29	2.09		
5	2.11	10	2.15	15	2.14	20	1.43	25	1.56	30	2.11		

If at any time the residual falls below 0.2 mg/L in the water entering the distribution system, the supplier of water must notify the Department as soon as possible, but no later than by the end of the next business day. The supplier of water also must notify the Department by the end of the next business day whether or not the residual was restored to at least 0.2 mg/L within four hours.

XLReporter for Water and Wastewater

With over 400 installations throughout the USA and over 20 years of experience, XLReporter is proven reporting software for Water and Wastewater treatment facilities.

Industry Specific

XLReporter provides features for the water and wastewater treatment reporting which are more than the “generic” features offered by the competition.

Specialized calculations for compliance reporting are provided like:

- peak flow values for CT Determination
- turbidity violations in consecutive samples
- ‘less than detectable’ notation

The screenshot shows the 'BOD Calculations' section with fields for Flow (lpm), pH, and Temp (C). Below it is a table for 'Sample Name (Serial No.)' with columns for Effluent 1 through Effluent 5, Average Effluent, Blank # 1, and Seed Blank. The 'TSS Calculations' section includes input fields for Initial Weight, Dried Weight, Ignition Weight, Solids, Sample Volume, Suspended Solids, and Volatile Solids for Effluent 1 and Effluent 2.

Manual data is a key component of data collection. XLReporter provides manual entry forms that simplify and manage operator rounds, chemical additions and laboratory results electronically.

Use What You Know

Anyone can use XLReporter. The report template designer is built into the familiar environment of Microsoft Excel. There is no learning curve to produce basic reports along with an online community of Excel enthusiasts ready to assist in any features you wish to add. If any State form is provided in Excel format, it can be plugged right into XLReporter. No need to waste any time recreating a template in an environment that is unfamiliar to you with a report in a format that cannot be submitted to the State.

The screenshot shows an Excel spreadsheet with columns for parameters like Flow (MGD), BOD (mg/L), TSS (mg/L), pH, and various chemical parameters. The data is organized in a grid format with alternating shaded rows.

Ready-To-Use

XLReporter includes a Library of templates that have you reporting in minutes. Automatically produce Excel workbook, PDF and Web reports which look exactly the same, regardless of the file format.

Water Quality Management

XLReporter is scalable so that facilities that vary in size, data sources and people skills all have a solution. The product provides the compliance reports required by the State as well as operating and performance reports used by plant personnel.

State Reports

The Safe Drinking Water Act (SDWA) is the principal federal law governing public water treatment systems. The major regulations are in Title 40 of the Code of Federal Regulation (40 CFR Part 141,142 and 143) to regulate primary contaminants, implementation by state and secondary contaminants.

Reports in this category include Monthly Operating Reports (MOR), Discharge Monitoring Reports, Surface Water Treatment Report (SWTR), CT Determination Reports and Turbidity Reports.

Operational Reports

Operational reports provide plant personnel the information they need to work more effectively and efficiently, improving the process, driving

The screenshot shows a 'DMR Sampling Summary for Outfall #001' table. The table has columns for Parameter, Units, Daily Minimum, Daily Maximum, Weekly Average, Monthly Average, and Percent Removal. Parameters listed include Flow, Biochemical Oxygen Demand (BOD), Total Suspended Solids (TSS), pH, Ammonia as N, Oil & Grease, Fecal Coliform, Total Nitrogen, Organic Nitrogen, and Total Phosphorus.

productivity up and costs down.

Reports in this category include Equipment Performance reports, Production reports, Energy Management reports and Alarm reports.

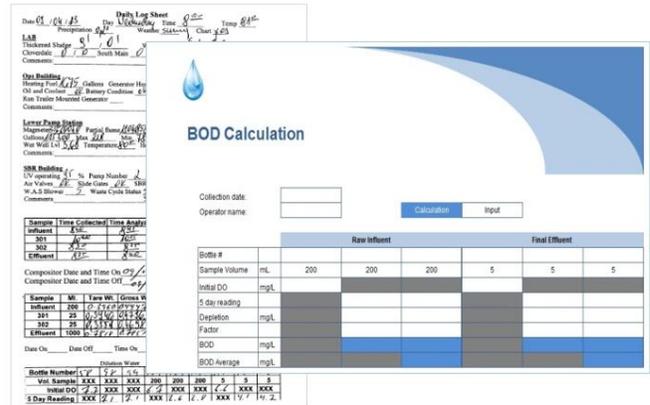
Manual Data Entry

Manual data entry is an essential source of data. For example, the discharge monitoring report (DMR) for waste water treatment contains over 80% of the data from LIMS, operator rounds, and manual data recording. XLReporter replaces pen and paper with electronic forms that are used from a desktop, laptop or tablet.

Design a Form Template

Use the design studio in Excel or import an existing Excel workbook already in use within the organization. Add powerful features such as data validation, embedded calculations, cell locking and conditional formatting.

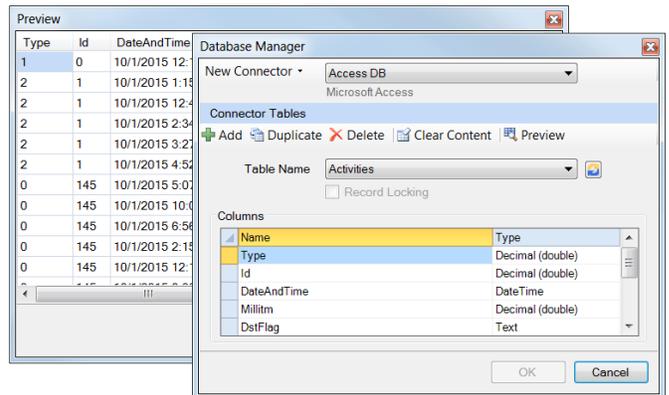
Apply value bounds to ensure data integrity, restrict the editable areas, provide drop down lists and tooltips to aid in the input.



Design a Database

Manage the form database with XLReporter's simple-to-use Database Management tools. No database expertise or SQL knowledge is required.

Configure tables and columns in databases such as MS Access, SQL Server, MySQL and Oracle.

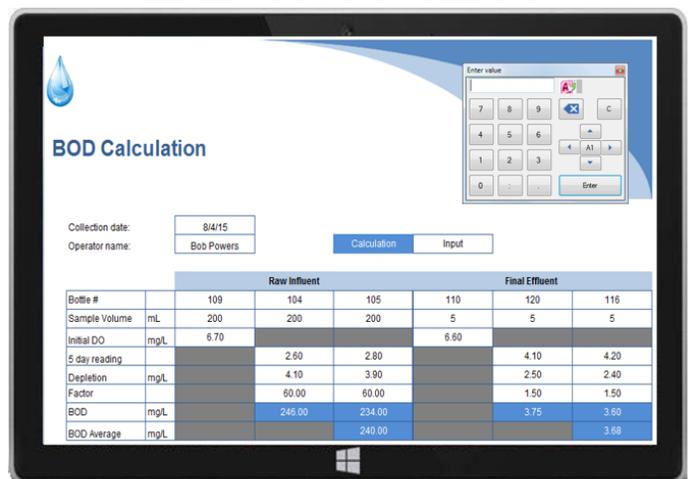


Deploy for Manual Collection

Deploy the forms on a local PC or across the company network. On mobile tablets, use the context sensitive keypad to assist in data entry. If the connection to the wireless network is lost, data is stored local and pushed forward when reconnected.

User credentials and privileges ensure that the right people are presented with the right forms.

Completed forms can be locked from edits.



Connect to Data

XLReporter uses Connectors to access data for a report.

- Industry Connectors
- Database Connectors
- Text File Connectors
- Data Logger Connectors

Industry Connectors

Industry connectors manage values directly from the process or from values logged by Historians.

For historian connectors, raw values and summary data are available as well as industry specific calculations, metrics and KPIs provided by XLReporter.

Connectors include interfaces to Rockwell Automation, GE Digital, Wonderware, Emerson Process Management and more, as well as standards set by the OPC Foundation such as OPC DA, OPC UA and OPC HDA.



Database Connectors

Database Connectors interface to business standards such as OLE DB and ODBC, relational databases such as SQL Server and MySQL, and file formats such as CSV.

With these connectors, the user retrieves data for the report without needing to know any SQL programming.



Text File Connector

Text File Connector interfaces to a single file or a set of text files. In the case of a set, the files are "stitched" by name to appear as a single entity. From a user's perspective, when file data is retrieved with this connector, they do not need to know any details about the structure of the files.

Data Logger Connector

Data Logger Connector logs raw process data and compresses analytics to a database like MS Access, SQL Server, MySQL or Oracle. It is not intended to replace commercially available historians. It is used for data sources that do not provide any historical archiving. In the event that database communication is lost, data is stored locally. Once the connection is re-established, the data is pushed forward automatically to the database.

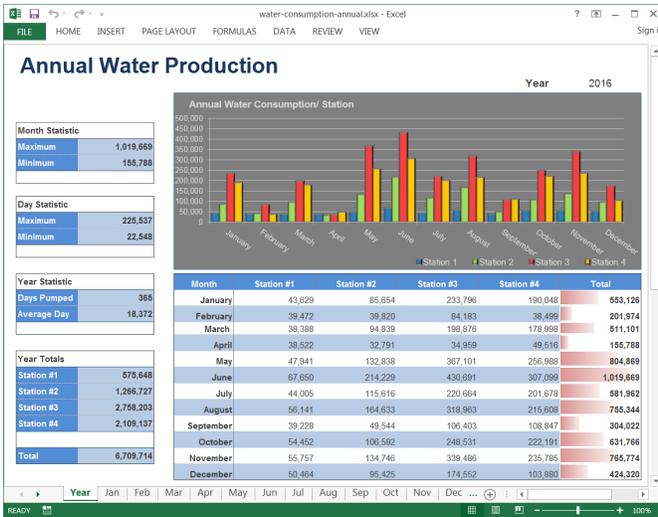
Report Gallery

Individual Filter Monitoring

Water providers must meet a number of requirements for the storing and reporting of water turbidity measurements. Turbidity samples for each 15 minute interval must be archived for all individual filters and maintained for at least 3 years.

Turbidity values that exceed the maximum NTU must be carried forward for up to 3 months to determine violations in the current and future months. The timestamps when consecutive samples exceed NTU limits require to be listed as individual records. Valid turbidity measurements for the individual filters start 4 hours after every backwash.

Massachusetts Department of Environmental Protection - Drinking Water Program TURBIDITY - INDIVIDUAL FILTER MONITORING For Conventional or Direct Filtered Systems							
Daily Reporting							
Day	Filter Number 1 Max Day NTU ¹	Max after 4 Hours NTU ¹	Filter Number 2 Max Day NTU ¹	Max after 4 Hours NTU ¹	Filter Number 3 Max Day NTU ¹	Max after 4 Hours NTU ¹	Filter Number 4 Max Day NTU ¹
1	0.08	0.08	0.04	0.04	0.02	0.02	0.03
2	0.08	0.08	0.04	0.04	0.02	0.02	0.04
3	0.08	0.08	0.04	0.04	0.02	0.02	0.05
4	0.09	0.09	0.04	0.04	0.02	0.02	0.05
5	0.08	0.08	0.05	0.05	0.02	0.02	0.04
6	0.10	0.10	0.07	0.07	0.02	0.02	0.03
7	0.09	0.09	0.04	0.04	0.03	0.03	0.04
8	0.10	0.10	0.04	0.04	0.02	0.02	0.03
9	0.10	0.10	0.05	0.05	0.02	0.02	0.03
10	0.08	0.08	0.04	0.04	0.02	0.02	0.03
11	0.09	0.09	0.08	0.08	0.02	0.02	0.03
12	0.07	0.07	0.04	0.04	0.02	0.02	0.04
13	0.08	0.08	0.05	0.05	0.02	0.02	0.04
14	0.08	0.08	0.05	0.05	0.02	0.02	0.03
15	0.08	0.08	0.04	0.04	0.02	0.02	0.03
16	0.09	0.09	0.05	0.05	0.02	0.02	0.04
17	0.08	0.08	0.04	0.04	0.02	0.02	0.03
18	0.07	0.07	0.04	0.04	0.02	0.02	0.03
19	0.07	0.07	0.05	0.05	0.02	0.02	0.04
20	0.06	0.06	0.04	0.04	0.02	0.02	0.04
21	0.07	0.07	0.04	0.04	0.02	0.02	0.04
22	0.06	0.06	0.04	0.04	0.02	0.02	0.04
23	0.06	0.06	0.04	0.04	0.02	0.02	0.04
24	0.06	0.06	0.04	0.04	0.02	0.02	0.04
25	0.07	0.07	0.05	0.05	0.02	0.02	0.04
26	0.06	0.06	0.05	0.05	0.02	0.02	0.05
27	0.07	0.07	0.04	0.04	0.02	0.02	0.03
28	0.06	0.06	0.05	0.05	0.02	0.02	0.05
29	0.07	0.07	0.04	0.04	0.02	0.02	0.04
30	0.06	0.06	0.05	0.05	0.02	0.02	0.04
31	0.06	0.06	0.04	0.04	0.02	0.02	0.03



Annual Production

The annual production report provides plant supervisors an up-to-date view of the amount of treated water. It includes monthly reports as well as a yearly summary that shows the monthly minimum and maximum flow over the year. With the use of Excel, these and many other significant statistics are easily calculated in the report, saving many hours of paper computations.

In practice the report is updated automatically every day by XLReporter's Scheduler, adding the daily volume to each monthly report sheet.

CT Determination

Contact Time (CT) determination is a measurement of the length of time it takes for chlorine (most commonly used water treatment disinfectant) or other disinfectants to kill giardia lamblia at a given disinfectant concentration.

The calculations are performed over the hour of the peak flow rate for each day.

Massachusetts Department of Environmental Protection - Drinking Water Program COMPLIANCE DETERMINATION FOR FILTERED SYSTEMS - Monthly Report																																																																																			
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2. Max Day NTU Limit - The turbidity level of a systems filtered water must at no time exceed the Max Day NTU Limit for the filtration technology used, otherwise SWTR TT Violation (Ter 2). Record the date and turbidity value for any measurements exceeding the Max Day NTU. Check box if "None" <table border="1"> <thead> <tr> <th>Date</th> <th>Value</th> <th>Date Reported to DEP</th> <th>Date</th> <th>Value</th> <th>Date Reported to DEP</th> </tr> </thead> <tbody> <tr> <td>2/1/2017 09:45</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2/28/2017 07:30</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> For each day the Max Day NTU limit is exceeded, the DEP must be notified by the end of the next business day. SWTR TT Violation (Ter 2). If DEP is not consulted within 24 hours there is a SWTR TT (Ter 1) violation requiring public notification within 24 hours.												Date	Value	Date Reported to DEP	Date	Value	Date Reported to DEP	2/1/2017 09:45	1					2/28/2017 07:30	1																																																										
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DISINFECTANT PERFORMANCE CRITERIA 1. Point-of-Entry Maximum Disinfectant Residual Criteria - Residual Disinfectant concentration cannot be <0.2 mg/L for more than 4 hours SWTR TT Violation (Ter 2). Minimum Disinfectant Residual at Point-of-Entry by Distribution System <table border="1"> <thead> <tr> <th>Day</th> <th>Cl₂ mg/L</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2.09</td> <td>6</td> <td>1.55</td> <td>11</td> <td>2.10</td> <td>16</td> <td>2.08</td> <td>21</td> <td>1.96</td> <td>26</td> <td>2.13</td> </tr> <tr> <td>2</td> <td>2.03</td> <td>7</td> <td>1.18</td> <td>12</td> <td>1.63</td> <td>17</td> <td>2.13</td> <td>22</td> <td>2.13</td> <td>27</td> <td>1.54</td> </tr> <tr> <td>3</td> <td>2.09</td> <td>8</td> <td>1.95</td> <td>13</td> <td>2.10</td> <td>18</td> <td>2.09</td> <td>23</td> <td>2.07</td> <td>28</td> <td>2.1</td> </tr> <tr> <td>4</td> <td>1.59</td> <td>9</td> <td>2.1</td> <td>14</td> <td>2.08</td> <td>19</td> <td>2.12</td> <td>24</td> <td>1.51</td> <td>29</td> <td>2.09</td> </tr> <tr> <td>5</td> <td>2.11</td> <td>10</td> <td>2.15</td> <td>15</td> <td>2.11</td> <td>20</td> <td>1.43</td> <td>25</td> <td>1.58</td> <td>30</td> <td>2.11</td> </tr> </tbody> </table> Residual Measured Free Cl ₂ Total Cl ₂ If at any time the residual falls below 0.2 mg/L in the water entering the distribution system, the supplier of water must notify the Department as soon as possible, but no later than the end of the next business day. The supplier of water also must notify the Department by the end of the next business day whether or not the residual was restored to at least 0.2 mg/L within four hours.												Day	Cl ₂ mg/L	Day	Cl ₂ mg/L	Day	Cl ₂ mg/L	Day	Cl ₂ mg/L	Day	Cl ₂ mg/L	Day	Cl ₂ mg/L	1	2.09	6	1.55	11	2.10	16	2.08	21	1.96	26	2.13	2	2.03	7	1.18	12	1.63	17	2.13	22	2.13	27	1.54	3	2.09	8	1.95	13	2.10	18	2.09	23	2.07	28	2.1	4	1.59	9	2.1	14	2.08	19	2.12	24	1.51	29	2.09	5	2.11	10	2.15	15	2.11	20	1.43	25	1.58	30	2.11
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2. Distribution System Disinfectant Residual Criteria - Residual Disinfectant concentration (X) cannot be undetectable in greater than 5% of samples in a month for any two consecutive months. SWTR TT Violation (Ter 2). Chlorine residuals must be measured at the same time and location as total chlorine distribution outside of specific samples. If no residual is detected, an HPC sample must be collected and analyzed. Total # of HPC samples taken during month: <input type="text"/> # HPC sites > 500mL: <input type="text"/> # HPC sites < 500mL: <input type="text"/>																																																																																			

Discharge Monthly Report (DMR)

The Discharge Monthly Report is used in wastewater facilities. Many states make these reports available on their web site.

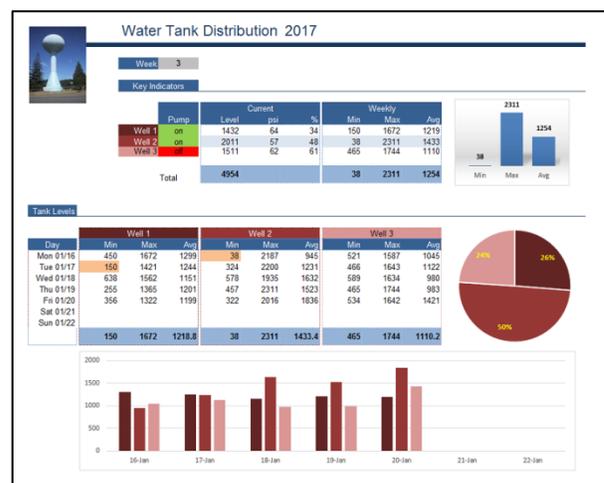
XLReporter's forms are used to collect data that is not measurable by sensors and store that data in a database.

The form data along with process values provide the information required for the State report.

Water Distribution Report

XLReporter collectively satisfies the needs of both Regulatory and Compliance reporting while, at the same time, providing plant personnel with additional in-house information to improve the plant's operation.

In this report a weekly dashboard compares the production of three wells. Use of formatting and charts help focus the attention of the user.



Water/Wastewater Facilities using XLReporter

XLReporter is installed in hundreds of facilities throughout the United States. A sampling of installations is presented below.

AR	East Johnson County Water	KS	Johnson County Waste Water
AZ	South Sebastion Water, Greenwood	KY	Harlan Municipal Waterworks
AZ	City of Mesa Water Plant	LA	City of Gretna Wastewater Treatment Plant
CA	City of Fairfield	LA	City of Bossier
CA	Eastern Municipal Water District	MA	Boston Water & Sewer Commission
CA	LA Department of Water	MA	City of Brockton Water Commission
CA	Orange County Water District	MA	City of Lowell - Water Department
CA	Pagosa Area Water & Sanitation District	MA	City of Worcester
CA	Palmdale Water District	MA	Cohasset Water Department
CA	Santa Clara Valley Water District	MA	Haverhill Water Department
CA	Yucaipa Valley Water District	MA	Marshfield Waste Water Plant
CO	City of Arvada	MA	Shrewsbury Water Department
CO	City of Loveland	MA	Town of Franklin
CO	South Adams County	MA	Town of Needham
CT	City of New Britain Water Department	MA	Town of Norfolk
CT	City of Waterbury	MA	Town of Walpole
CT	Southington Water Department	MA	Town of West Bridgewater
FL	City of Boca Raton – Wastewater Treatment	MA	Town of Wellesley
FL	City of Cocoa - Water Plant	MA	West Boylston Water District
FL	City of Dunedin - Wastewater Division	ME	Auburn Water District
FL	City of Tamarac Utilities - Water	ME	Lewiston Water & Sewer Department
FL	City of West Palm Beach Water Plant	ME	Portland Water District
FL	South Central Regional Wastewater	ME	Sanford Water District
GA	Cobb County Marietta Water Authority	MI	City of Ann Arbor - Utilities-Wastewater
GA	Columbia County Water Utility	MI	Genesee County Water & Waste Services
GA	City of Roswell Water Treatment	MO	Kansas City Missouri Water Services Department
GA	Clayton County Water Authority	MS	City of Jackson Water and Sewer
GA	Peachtree City Water and Sewage	NC	Cherokee Water Treatment Plant
IA	Sioux City Water Department	NC	City of Asheville/Water Resources
IA	Larchwood Water Plant / WSRW Rural Water	NC	Dare County Water
ID	North Kootenai Water District	NC	Fort Bragg Water Treatment
IL	City of Atlanta Water Dept.	NH	Portsmouth Waste Water Plant
IL	City of Kewanee	NH	City of Rochester
IL	Village of Wauconda Water Department	NH	Raymond Water Treatment
IN	Anderson Water Utility		
IN	Indianapolis Water Co. (USFIW)		
IN	Jasper Water Treatment Plant		
IN	Marion City Water Works		
IN	Mishawaka Utilities Water		

NY	City of Olean	SC	Greenville Water System
NY	City of Oswego - Water Department	SC	Powdersville Water District
NY	Erie County Water Authority	SD	Aberdeen Waste Water Facility
NY	Fort Edward Water Treatment Plant NY	SD	Vermillion Water Treatment Plant
NY	Placid Waste Water Plant	TN	City of Johnson City
NY	Monroe County Water Authority	TX	City of Deer Park Surface Water
NY	Town of Colonie	TX	Clear Lake City Water Authority
NY	Town of Harriman Water Treatment Plant	TX	El Paso Water Utilities Public Service Bd
NY	Town of Tonawanda Water Department	TX	Greenbelt Municipal & Ind'l Water Author
NY	Village of Liberty - Water Dept.	TX	San Patricio Municipal Water District
OH	City of Cleveland	TX	Tarrant Regional Water District
OH	City of Columbus	TX	Travis County Water
OH	City of Oregon	UT	Central Utah Water C. D. – Duchesne
OH	Newton Falls Water Treatment	UT	Timpanogos Wastewater Treatment Plant
OK	City of Sapulpa Water	VA	Dinwiddie County Water Authority
OR	City of Florence	VT	Vergennes Water Treatment Plant
OR	City of Drain	WI	City of Janesville
OR	City of St. Helens	WI	Neenah Water Utility
OR	Raleigh Water District		
PA	Easton WasteWater		
PA	Pottstown Water Treatment Plant		
PA	Western Berks Water Authority		
PA	Warrington Township Water		
RI	City of Newport		
RI	Cumberland Water Department		
RI	Kent County Water Authority		

State Report Forms for Water and Wastewater

Note that the State may change the form location.

AL	http://adem.alabama.gov/DeptForms/default.cnt
AK	www.dnr.state.ak.us/mlw/forms/#water
AR	http://www2.adeg.state.ar.us/water/forms_inst.htm
AZ	http://www.azwater.gov/AzDWR/PermitsFormsApplications/PermitsFormsApplications.htm
CA	http://www.waterboards.ca.gov/water_issues/programs/npdes/
CO	https://www.colorado.gov/cdphe
CT	http://www.ct.gov/dph/cwp/view.asp?a=3139&Q=387316
DE	http://www.dnrec.delaware.gov/swc/wa/Pages/WaterQualityMonitoring.aspx
FL	www.dep.state.fl.us/water/drinkingwater/forms.htm
GA	http://epd.georgia.gov/drinking-water-forms
HI	http://health.hawaii.gov/cwb/site-map/clean-water-branch-home-page/forms/
IA	http://www.iowadnr.gov/InsideDNR/RegulatoryWater/DrinkingWaterCompliance/Forms.asp
ID	http://www.deq.idaho.gov/water-quality.aspx
IL	http://www.epa.illinois.gov/topics/forms/water-forms/index
IN	http://in.gov/idem/cleanwater/index.htm
KY	http://water.ky.gov/DrinkingWater/Pages/Forms.aspx
KS	http://www.kdheks.gov/water/
LA	http://ldh.la.gov/index.cfm/page/963
MA	http://www.mass.gov/eea/agencies/massdep/water/
ME	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/waterOperators.shtml
MI	www.deq.state.mi.us/deqforms/default.asp
MN	http://www.pca.state.mn.us/index.php/water/water-monitoring-and-reporting/index.html
MO	www.dnr.mo.gov/forms/index.html
MS	http://www.deq.state.ms.us/MDEQ.nsf/page/epd_ApplicationsandForms
MT	http://deq.mt.gov/wqinfo/pws/default.mcp
NC	http://www.ncwater.org/?page=9
ND	http://www.ndhealth.gov/wq/storm/Industrial/IndustrialHome.htm
NE	http://www.dnr.ne.gov/forms
NH	http://des.nh.gov/organization/divisions/water/dwgb/
NJ	http://www.nj.gov/dep/watersupply/
NM	http://www.nmenv.state.nm.us/water.html
NV	https://ndep.nv.gov/water/drinking-water/forms
NY	http://www.health.ny.gov/environmental/water/drinking/forms/forms.htm
OH	http://www.epa.ohio.gov/dsw/formspubs.aspx
OK	http://www.deq.state.ok.us/wqdnew/forms.html
OR	http://www.oregon.gov/deq/wq/wqpermits/Pages/Forms.aspx
PA	http://www.elibrary.dep.state.pa.us/dsweb/HomePage
PR	http://ofmpub.epa.gov/waters10/attains_state.control?p_state=PR
RI	http://www.health.ri.gov/licenses/detail.php?id=274#
SC	http://www.scdhec.gov/Environment/PermitCentral/ApplicationForms/
SD	http://denr.sd.gov/des/sw/swqstandards.aspx
TN	https://www.tn.gov/environment/topic/wr-wq-dw-drinking-water
TX	https://www.tceq.texas.gov/drinkingwater/swmor/swmor/swmor-forms-and-instructions

UT http://www.waterquality.utah.gov/documents/DOC_RULE.htm
VA <http://www.deq.virginia.gov/Programs/Water/Forms.aspx>
VT <http://drinkingwater.vt.gov/pcwspemits.htm>
WA <http://www.ecy.wa.gov/programs/wq/links/standards.html>
WI <http://dnr.wi.gov/topic/SurfaceWater/WaterQualityTrading.html>
WV <http://www.dep.wv.gov/www/Pages/default.aspx>
WY <http://deq.wyoming.gov/wqd/>

Canada

AB <http://environment.alberta.ca/apps/regulateddwg/more.aspx>
BC http://www.bclaws.ca/civix/document/id/complete/statreg/200_2003
MB <http://environment.alberta.ca/apps/regulateddwg/more.aspx>

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