

**Commonwealth of Pennsylvania  
Department of Environmental Protection  
Office of Water Resources Planning  
Division of Planning and Conservation**



**Water Use Report Viewers  
Instructions and Data Dictionaries**  
July 19, 2017

***Disclaimer Information***

*While DEP requires timely and accurate water use data reported by users, we make no claims, promises, or guarantees regarding the accuracy, completeness or timeliness of the data. We will make every attempt to correct any errors discovered but expressly disclaims any liability for errors or omissions related to the data contained in these reports.*

# Contents

Background .....	3
Report Viewer Website Instructions .....	4
Filter Functions .....	4
Report Controls.....	5
Plots.....	6
Water Use Report Viewers .....	6
Water Source Registration Viewer .....	6
Water Quantity Report by Source - Sub Facility Report Viewer .....	9
Water Use Report by Water Supplier - PWS Primary Facility Report Viewer .....	12
Water Use Report by Facility - NonPWS Primary Facility Report Viewer .....	14
Water Allocation Daily Withdrawal Report Viewer .....	15
Water Management Plan Daily Water Use Report Viewer .....	15
Assistance .....	16

## Background

Pennsylvania's water use data program has been collecting water use reports from users for several decades from various use categories, mainly through required reporting from public water suppliers (PWS) and periodic mailings of water use survey forms to other facilities other than PWS.

The Water Resources Planning Act of 2002 (Act 220) called for DEP to perform an initial registration and annual reporting from any person(s) who withdrew more than 10,000 gallons of water per day, averaged over any 30-day period. All public water suppliers (which served year-round at least 15 service connections or at least 25 residents) and hydropower facilities regardless of amount or type of withdrawal are required to register and report their water use. In 2003, DEP established a paper and web-based options for registering water use.

Act 220 led to the adoption in 2008 of Chapter 110, Water Resources Planning Regulations which established ongoing registration, reporting and recordkeeping requirements including user specific contents for public water suppliers, power generation facilities, manufacturing industries, mining, agriculture, golf courses, and ski resorts. DEP's enterprise Water Use Data System (WUDS) database stores the data collected from the registration and water use reports.

Annually, PADEP receives over 10,000 water use reports. Water use reports are either a sub facility (SF) or primary facility (PF) report. A sub facility is a source-specific record, such as a groundwater water or surface water intake. An SF report contains information such as the monthly amount withdrawn or purchased or sold (in the case of a PWS), days use per month, and how the source was measured. A primary facility is the business entity or system that owns and operates one or more SFs. A PF report contains system water use information and is either two types of reports; PWS PF report and NonPWS PF report. The PWS PF report is for only public water suppliers and there are over 1,900 active public water suppliers within the Commonwealth. The other PF report is the NonPWS PF report, which is for all other facilities that are not PWS, such as industrial, commercial, power generation, and others.

Of the roughly 10,000 reports submitted annually, there are usually 20% that do not pass an acceptance review and are returned by PADEP staff. Eventually, most of the returned reports are corrected and accepted into WUDS.

Other water use reports collected are for permitted surface water withdrawal/purchases issued under the Water Rights Act to public water suppliers and withdrawal/purchases for unconventional natural gas well development under an approved water management plan in accordance with 25 Pa Code Chapter 78a.

## Report Viewer Website Instructions

### Filter Functions

The filter functions, shown below, give users various options to narrow or filter specific data. The list is all the ones used in the report viewers and vary depending on the report viewer you are using.

Search fields with drop-down lists shown as  are set to "All" by default. Only one value can be selected from these drop-down lists.

- **Water Use Type** - at least one type needs to be selected. Use the arrow box  to select one or more of the listed types.

To search by a facility ID, set all search fields to "All", check the "(Select All)" box in Water Use Type and choose one of the following facility ID search fields:

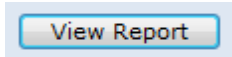
- **WUDS PF ID** - To search for data by WUDS Primary Facility ID, uncheck the box for "NULL" and enter the 5-digit ID number.
- **eFACTS PF ID** - To search for data by eFACTS Primary Facility ID, uncheck the box for "NULL" and enter the ID number.
- **WUDS SF ID** - To search for data by WUDS Sub Facility ID, uncheck the box for "NULL" and enter the ID number.
- **eFACTS SF ID** - To search for data by eFACTS Sub Facility ID, uncheck the box for "NULL" and enter the ID number.
- **PWS ID** - To search for data by Public Water Supplier ID, uncheck the box for "NULL" and enter the 7-digit ID number.
- **Client ID** - To search for data by eFACTS Client ID, uncheck the box for "NULL" and enter the ID number.

Note, these searches return data only for the selected ID number. Otherwise, leaving the "NULL" box checked returns data for all permits that meet all other selected criteria.

- **Primary Facility Name** - To search for data based on the name of the primary facility name, uncheck the box for "NULL" and enter the appropriate name.
- **Report Year** - to search for data based on a reporting year, check one or more of the listed report years. Note, the default setting is all report years checked.
- **SF Type** - To search for data by sub facility type, check one or more of the listed types checkbox.
- **SF Status** - To search for data by sub facility status, check one or more of the listed status checkbox.
- **County** - To search for data by facilities within a specific county, change the default selection from "All" to the appropriate county.
- **Municipality** - To search for data by facilities within a specific municipality, change the default selection from "All" to the appropriate municipality. Select a county to limit the list of municipalities within that county.

- **Region** - To search for data by facilities within a specific hydrologic region, change the default selection from “All” to the appropriate region.
- **Sub Region** - To search for data by facilities within a specific hydrologic sub region, change the default selection from “All” to the appropriate sub region. Select a region to limit the list of sub regions to only ones within the selected region.
- **Basin** - To search for data by facilities within a specific hydrologic basin, change the default selection from “All” to the appropriate basin. Select a sub region to limit the list of basins to only ones within the selected sub region.
- **Sub Basin** - To search for data by facilities within a specific hydrologic sub basin, change the default selection from “All” to the appropriate sub basin. Select a basin to limit the list of sub basins to only ones within the selected basin.
- **Watershed** - To search for data by facilities within a specific hydrologic watershed, change the default selection from “All” to the appropriate watershed. Select a sub basin to limit the list of watersheds to only ones within the selected sub basin.

After the filter selection, click the “View Report” button on the upper right side of the screen to generate the report. The report may take several minutes to complete, depending on the amount of data and other variables such as network performance.



If the report is blank upon completion, there are no data to report based on the input selections. The following message displays: **No data was found using the criteria entered. Please revise your choices and try again.** Consider re-examining the input selections (for example, if a specific County and a specific facility ID were selected, change the County selection to “All”).

The user does not have to clear all other selections to modify report criteria and generate a revised report.

To generate an accurate report, only make one or two criteria selections. If the results appear incomplete, reselect “All” and view the report again. If the report returns too many results, add one criterion selection at a time.

Upon loading, the report displays beneath the search fields. The search criteria and the input selections are listed at the top of the first page of the report.

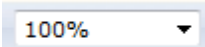
### Report Controls

The following controls are available to manage the report:

- **Navigation Bar** - Allows the user to navigate through multiple pages of a report.



- **Zoom** - Allows the user to change the display size of the report within the browser.



- **Find** - Allows the user to search for specific terms within the report.



- **Export** - Allows the user to export the report into multiple file formats.



If the user intends to sort or filter the data, DEP recommends using CSV. Clicking on any file format generates a popup that asks whether the user wants to save or open the file. Users can save the file to the location of their choice.

**Note:** To save the CSV file, the “Save as type” must be changed from the default “Unicode Text” to “Excel Workbook” so that the file saves as an Excel document.

- **Refresh** - Allows the user to refresh the report.



- **Export to Data Feed** - Allows the user to open or save the report in a data feed format (advanced).



### Plots

Plots display above the data table on the first page of the report. You can not modify the plots within the viewer. Plots appear as an image if exported as an Excel file. If exported as a CSV file, the plots do not appear, only the X and Y values used to generate the plots.

## **Water Use Report Viewers**

The following water use reporting websites allow the public to search for specific water use information submitted to DEP at various submission frequencies:

**Water Source Registration Viewer** - contains information when a new source is registered. Information includes the identification and description of the registrant, the name, description, and location of water sources, and the amounts of water withdrawal or water purchased or sold.

Note, water use quantities collected during registration was discontinued in 2012. Due to DEP’s sensitive information policy, public water supplier source locations list only municipality/county and watershed, no coordinates (lat/long).

### Water Source Registration Data Table Dictionary

<i>Field Name</i>	<i>Description</i>
CLIENT ID	The DEP numerical ID for the eFACTS Client.
WUDS PRIMARY FACILITY ID	The DEP WUDS 5- digit numerical ID for the primary facility.
EFACTS PRIMARY FACILITY ID	The DEP eFACTS numerical ID for the primary facility.
PUBLIC WATER SUPPLY ID	The DEP 7- digit numerical ID for the Public Water Supplier.
WUDS SUB FACILITY ID	The DEP WUDS ID for the sub facility.
CLIENT	The name of the client.
PRIMARY FACILITY	The name of the primary facility.
SUB FACILITY	The name of the sub facility.
ADDRESS1	The 1 <sup>st</sup> mailing street address for the primary facility.
ADDRESS2	The 2 <sup>nd</sup> mailing street address for the primary facility.
CITY	The mailing address city name for the primary facility.

STATE	The mailing address state abbreviated for the primary facility.
ZIP CODE	The mailing address zip code for the primary facility.
USE TYPE	The water use type description. The following are the categories of each water use type or sector: <b>Public Water Supply</b> - Water distributed to the public through a physically connected system of treatment, storage and distribution facilities serving a group of largely residential customers that may also serve industrial, commercial, and other institutional operators. Also, mobile home parks and homeowner associations as well as institutions both civilian and military that are self-supplied community water systems. <b>Commercial and Institutional</b> - Water used by motels, hotels, restaurants, office buildings and institutions, both civilian and military that would not otherwise be considered public water supplies. Also, this category includes amusement, and recreational water uses such as snowmaking and water slides. <b>Industrial</b> - Water used in the manufacture of metals, chemicals, paper, food and beverage and other products. <b>Irrigation</b> - Water artificially applied on lands to assist in the growing of crops and pastures or in the maintenance of recreational lands, such as parks and golf courses. <b>Livestock</b> - Water used by animals such as cows, horses, cattle, sheep, goats, hogs and poultry. Water used in fish hatchery (aquaculture) operations is also included under this category. <b>Mining</b> - Water used in the extraction or washing of minerals, such as coal and industrial minerals. Withdrawals for dewatering quarries or other types of mines are also included in this category. <b>Oil and Gas</b> - Water used for unconventional oil and gas exploration, such as hydraulic fracturing. Water used for conventional oil and gas exploration is also included in this category. <b>Thermoelectric Power - Once Through Cooling</b> - Water used for circulating through pipes for cooling and discharged to a nearby waterway. <b>Thermoelectric Power - Recirculated Cooling</b> - Water used for circulating through pipes for cooling which evaporates. <b>Thermoelectric Power - Noncooling Water</b> - Water used other than for cooling where cooling by water is not utilized. <b>Wastewater Collection and Treatment</b> - Includes water used at wastewater and treatment collection facilities. <b>Hydroelectric Power</b> - Includes "run of the river" use which is not considered a water withdrawal or consumptive use. Water removed from a stream channel and used to drive turbines that generate electric power. This category also includes "off-stream use" for pumped-storage systems (e.g., reservoir storage) that return water to the source. Reporting for this category is mandatory.
SUB FACILITY TYPE	The description of the sub facility type; either surface water withdrawal, ground water withdrawal, or interconnection (selling and purchase connections to public water suppliers).
SUB FACILITY STATUS	The activity status of the sub facility; active or inactive.
SUB FACILITY DESIGNATION	The sub facility designation description.
POTABILITY INDICATOR	Indicate whether the ultimate use of the water is potable (drinkable), non-potable use, or both.
COUNTY	The name of the county where the source is located.

MUNICIPALITY	The name of the municipality where the source is located.
REGISTRATION YEAR	The year the source was registered with DEP.
SOURCE INITIATED DATE	The date the source went into use.
PUMP CAPACITY	The value of the well pump's capacity in gallons per minute.
CASING 1 STARTING DEPTH	The well casing starting depth in feet, first section.
CASING 1 ENDING DEPTH	The well casing ending depth in feet, first section.
CASING 2 STARTING DEPTH	The well casing starting depth in feet, second section.
CASING 2 ENDING DEPTH	The well casing ending depth in feet, second section.
CASING 3 STARTING DEPTH	The well casing starting depth in feet, third section.
CASING 3 ENDING DEPTH	The well casing ending depth in feet, third section.
SCREEN 1 STARTING DEPTH	The well screen starting depth in feet, first section.
SCREEN 1 ENDING DEPTH	The well screen ending depth in feet, first section.
SCREEN 2 STARTING DEPTH	The well screen starting depth in feet, second section.
SCREEN 2 ENDING DEPTH	The well screen ending depth in feet, second section.
SCREEN 3 STARTING DEPTH	The well screen starting depth in feet, third section.
SCREEN 3 ENDING DEPTH	The well screen ending depth in feet, third section.
BOREHOLE STARTING DEPTH	The borehole starting depth (after casing) in feet.
BOREHOLE ENDING DEPTH	The borehole ending depth in feet.
PUMP INTAKE SETTING	The depth of the pump in the well in feet.
WELL DIAMETER	The diameter of the well in inches.
DRILL DAY	The day the well was drilled.
DRILL MONTH	The month the well was drilled.
DRILL YEAR	The year the well was drilled.
WELL DEPTH	The total depth of the well in feet below land surface.
MEASURE METHOD	The method used to measure the amount of water; Metered, Calculated, or Estimated
MEASURE METHOD DESCRIPTION	A brief description explaining the calculated or estimated method used.
MEASURE ACCURACY	The accuracy of the meter used; Excellent (<5% Error), Good (<10% Error), Fair (<25% Error), Poor (>25% Error).
MEASURING DEVICE BRAND	The brand of the meter used, if applicable.
MODEL NUMBER	The model number of the meter used, if applicable.
CAPACITY RATING	The maximum capacity of the meter used, if applicable.
DEVICE SIZE	The diameter size of the meter used, if applicable.
TESTED BY	The name of the person/company/agency that last tested the meter, if applicable.
LAST DATE TESTED MONTH	The month the meter was last tested, if applicable.
LAST DATE TESTED DAY	The day the meter was last tested, if applicable.
LAST DATE TESTED YEAR	The year the meter was last tested, if applicable.
MONTH QUANTITY JAN	The total gallons used in January.
MONTH DAYS USE JAN	The total days used in January.
MONTH QUANTITY FEB	The total gallons used in February.
MONTH DAYS USE FEB	The total days used in February.
MONTH QUANTITY MAR	The total gallons used in March.
MONTH DAYS USE MAR	The total days used in March.
MONTH QUANTITY APR	The total gallons used in April.
MONTH DAYS USE APR	The total days used in April.
MONTH QUANTITY MAY	The total gallons used in May.
MONTH DAYS USE MAY	The total days used in May.



MONTH QUANTITY JUN	The total gallons used in June.
MONTH DAYS USE JUN	The total days used in June.
MONTH QUANTITY JUL	The total gallons used in July.
MONTH DAYS USE JUL	The total days used in July.
MONTH QUANTITY AUG	The total gallons used in August.
MONTH DAYS USE AUG	The total days used in August.
MONTH QUANTITY SEP	The total gallons used in September.
MONTH DAYS USE SEP	The total days used in September.
MONTH QUANTITY OCT	The total gallons used in October.
MONTH DAYS USE OCT	The total days used in October.
MONTH QUANTITY NOV	The total gallons used in November.
MONTH DAYS USE NOV	The total days used in November.
MONTH QUANTITY DEC	The total gallons used in December.
MONTH DAYS USE DEC	The total days used in December.
ANNUAL WATER USE	The total gallons used for the year.
ANNUAL DAYS USE	The total days used for the year.
PEAK DAY USE	The daily peak or maximum water use in gallons for the reported year.
PEAK DAY DATE	The date of the daily peak or maximum water use occurred for the reported year.
LATITUDE DECIMAL	The latitude location of the source in decimal degrees. Note, values are null for any locations deemed sensitive.
LONGITUDE DECIMAL	The longitude location of the source in decimal degrees. Note, values are null for any locations deemed sensitive.
HORIZONTAL REFERENCE DATUM CODE	The horizontal reference datum code used to locate the source.
HORIZONTAL REFERENCE DATUM	The horizontal reference datum used to locate the source.
QUADRANGLE MAP	The USGS 7.5-minute quadrangle map name.
REGION	The 2-digit hydrologic region name.
SUB REGION	The 4-digit hydrologic sub region name.
BASIN	The 6-digit hydrologic basin name.
SUBBASIN	The 8-digit hydrologic sub basin name.
WATERSHED	The 10-digit hydrologic watershed name.
HUC 2	The 2-digit hydrologic unit.
HUC 4	The 4-digit hydrologic unit.
HUC 6	The 6-digit hydrologic unit.
HUC 8	The 8- digit hydrologic unit.
HUC 10	The 10-digit hydrologic unit.

**Water Quantity Report by Source - Sub Facility Report Viewer** - Sub facility reports are relevant to all water use categories and contain detailed source information, including monthly water withdrawals and days use. Where applicable, sub facility reports record purchases or sales (interconnections) quantities and days use through public water supply interconnections. Reports are submitted annually.

Note, due to PADEP's sensitive information policy public water supplier's source locations are limited to only municipality/county and watershed, no coordinates (lat/long). Also, Oil and Gas reports are available up till Dec., 2016 from this viewer, reports submitted starting in Jan. 2017 are available in the Water Management Daily Report Use Viewer.

Four plots generate after each click of the "View Report" for the selected dataset.

- Plot 1 is a line chart of total withdrawals for each report year. All values are shown in million gallons per day.
- Plot 1a is a bar chart of total withdrawals by surface and ground water withdrawals. All values are shown in million gallons per day.
- Plot 2 is a bar chart of the total number of individual withdrawal sources reported for each report year.
- Plot 3 is a pie chart showing each percentage of water use by water use type for all report years selected.

Water Quantity Report by Source - Sub Facility Report Data Table Dictionary

<i>Field Name</i>	<i>Description</i>
CLIENT ID	The DEP numerical ID for the eFACTS Client.
WUDS SUB FACILITY ID	The DEP WUDS ID for the sub facility.
WUDS PRIMARY FACILITY ID	The DEP WUDS 5-digit numerical ID for the primary facility.
eFACTS SUB FACILITY ID	The DEP eFACTS numerical ID for the sub facility.
eFACTS PRIMARY FACILITY ID	The DEP eFACTS numerical ID for the primary facility.
CLIENT	The name of the client.
PRIMARY FACILITY	The name of the primary facility.
SUB FACILITY	The name of the sub facility.
ACTIVE INDICATOR	Last known activity status of the sub facility.
POTABILITY	Used for human consumption (potable).
SUB FACILITY TYPE	The description of the sub facility type; either surface water withdrawal, ground water withdrawal, or interconnection (selling and purchase connections to public water suppliers)
SUB FACILITY DESIGNATION	The description of the sub facility designation.
PRIMARY FACILITY TYPE	The primary facility type description.
PRIMARY FACILITY TYPE DESIGNATION	The primary facility type designation.
USE TYPE	See description in Water Registration Data Table Dictionary
REPORT YEAR	The year the water use was reported.
ANNUAL WATER USE	The total water withdrawals during the report year, in gallons.
ANNUAL DAYS USE	The total number of days of water withdrawals during the report year.
MONTH QUANTITY JAN	The total withdrawals in gallons for January.
MONTH QUANTITY FEB	The total withdrawals in gallons for February.
MONTH QUANTITY MAR	The total withdrawals in gallons for March.
MONTH QUANTITY APR	The total withdrawals in gallons for April.
MONTH QUANTITY MAY	The total withdrawals in gallons for May.
MONTH QUANTITY JUN	The total withdrawals in gallons for June.
MONTH QUANTITY JUL	The total withdrawals in gallons for July.
MONTH QUANTITY AUG	The total withdrawals in gallons for August.
MONTH QUANTITY SEP	The total withdrawals in gallons for September.
MONTH QUANTITY OCT	The total withdrawals in gallons for October.
MONTH QUANTITY NOV	The total withdrawals in gallons for November.
MONTH QUANTITY DEC	The total withdrawals in gallons for December.
MONTH DAYS USE JAN	The total days used in January.
MONTH DAYS USE FEB	The total days used in February.
MONTH DAYS USE MAR	The total days used in March.
MONTH DAYS USE APR	The total days used in April.
MONTH DAYS USE MAY	The total days used in May.
MONTH DAYS USE JUN	The total days used in June.
MONTH DAYS USE JUL	The total days used in July.

MONTH DAYS USE AUG	The total days used in August.
MONTH DAYS USE SEP	The total days used in September.
MONTH DAYS USE OCT	The total days used in October.
MONTH DAYS USE NOV	The total days used in November.
MONTH DAYS USE DEC	The total days used in December.
PURCHASE QUANTITY JAN	The total gallons purchased in January.
PURCHASE QUANTITY FEB	The total gallons purchased in February.
PURCHASE QUANTITY MAR	The total gallons purchased in March.
PURCHASE QUANTITY APR	The total gallons purchased in April.
PURCHASE QUANTITY MAY	The total gallons purchased in May.
PURCHASE QUANTITY JUN	The total gallons purchased in June.
PURCHASE QUANTITY JUL	The total gallons purchased in July.
PURCHASE QUANTITY AUG	The total gallons purchased in August.
PURCHASE QUANTITY SEP	The total gallons purchased in September.
PURCHASE QUANTITY OCT	The total gallons purchased in October.
PURCHASE QUANTITY NOV	The total gallons purchased in November.
PURCHASE QUANTITY DEC	The total gallons purchased in December.
PURCHASE DAYS USE JAN	The total days purchased in January.
PURCHASE DAYS USE FEB	The total days purchased in February.
PURCHASE DAYS USE MAR	The total days purchased in March.
PURCHASE DAYS USE APR	The total days purchased in April.
PURCHASE DAYS USE MAY	The total days purchased in May.
PURCHASE DAYS USE JUN	The total days purchased in June.
PURCHASE DAYS USE JUL	The total days purchased in July.
PURCHASE DAYS USE AUG	The total days purchased in August.
PURCHASE DAYS USE SEP	The total days purchased in September.
PURCHASE DAYS USE OCT	The total days purchased in October.
PURCHASE DAYS USE NOV	The total days purchased in November.
PURCHASE DAYS USE DEC	The total days purchased in December.
SALES QUANTITY JAN	The total gallons sold in January.
SALES QUANTITY FEB	The total gallons sold in February.
SALES QUANTITY MAR	The total gallons sold in March.
SALES QUANTITY APR	The total gallons sold in April.
SALES QUANTITY MAY	The total gallons sold in May.
SALES QUANTITY JUN	The total gallons sold in June.
SALES QUANTITY JUL	The total gallons sold in July.
SALES QUANTITY AUG	The total gallons sold in August.
SALES QUANTITY SEP	The total gallons sold in September.
SALES QUANTITY OCT	The total gallons sold in October.
SALES QUANTITY NOV	The total gallons sold in November.
SALES QUANTITY DEC	The total gallons sold in December.
SALES DAYS USE JAN	The total days sold in January.
SALES DAYS USE FEB	The total days sold in February.
SALES DAYS USE MAR	The total days sold in March.
SALES DAYS USE APR	The total days sold in April.
SALES DAYS USE MAY	The total days sold in May.
SALES DAYS USE JUN	The total days sold in June.
SALES DAYS USE JUL	The total days sold in July.
SALES DAYS USE AUG	The total days sold in August.
SALES DAYS USE SEP	The total days sold in September.
SALES DAYS USE OCT	The total days sold in October.
SALES DAYS USE NOV	The total days sold in November.
SALES DAYS USE DEC	The total days sold in December.

MEASURE METHOD CODE DESCRIPTION	The method used to measure the water use; metered, calculated, or estimated.
DATE RECEIVED	The date the report was received by the Department.
DATE ACCEPTED	The date the report was accepted by the Department.
LAST DATE TESTED	The date the meter was last tested, if applicable.
LAST TESTED BY	The name of the person/company/agency that last tested the meter, if applicable.
YIELD	The minimum production from the source in gallons per day.
MAXIMUM INFLOW	The maximum amount of inflow from the source in gallons per day.
PERMIT CAPACITY	The permitted capacity of the source in gallons per day.
DOUBLE COUNTED	Is the amount of water previously included in other totals, Y/N?
WATER LEVEL MEASURED	Was the water level measured since last report, Y/N?
TRANSFER WUDS FACILITY ID	The WUDS primary facility ID for the public water supplier transferring water through an interconnection.
TRANSFER INTERCONNECTION ID	The WUDS sub facility ID for the public water supplier transferring water through an interconnection.
TRANSFER FROM MAX CAPACITY	The maximum amount of water transferred from (sales) a public water supplier through an interconnection in gallons per day.
TRANSFER TO MAX CAPACITY	The maximum amount of water transferred to (purchases) the public water supplier through an interconnection in gallons per day.
COUNTY NAME	The name of the county where the source is located.
MUNICIPALITY NAME	The name of the municipality where the source is located.
MUNICIPALITY TYPE	The municipality type, T=Township, B=Borough, C=City, W=Town.
LATITUDE DECIMAL	The latitude location of the source in decimal degrees. Note, values are null for any locations deemed sensitive.
LONGITUDE DECIMAL	The longitude location of the source in decimal degrees. Note, values are null for any locations deemed sensitive.
HORIZONTAL REFERENCE DATUM CODE	The horizontal reference datum code used to locate the source.
HORIZONTAL REFERENCE DATUM	The horizontal reference datum used to locate the source.
REGION	The 2-digit hydrologic region name.
SUB REGION	The 4-digit hydrologic sub region name.
BASIN	The 6-digit hydrologic basin name.
SUBBASIN	The 8-digit hydrologic sub basin name.
WATERSHED	The 10-digit hydrologic watershed name.
HUC 2	The 2-digit hydrologic unit.
HUC 4	The 4-digit hydrologic unit.
HUC 6	The 6-digit hydrologic unit.
HUC 8	The 8- digit hydrologic unit.
HUC 10	The 10-digit hydrologic unit.

**Water Use Report by Water Supplier - PWS Primary Facility Report Viewer** - contains information about average daily water use by use type (deliveries to domestic, commercial, industrial, institutional, oil & gas, bulk sales to PWS, and water losses). Also, includes the number of service connections by use type, connections by municipality by use type, total population served, percent of population served by municipality, peak and minimum amount and date, and other system information. Reports are submitted annually

Note, multiple yearly reports may occur within the same year when a PWS acquires another PWS. All prior reports from the acquired PWS transfers to the acquiring PWS.

Three plots generate after each click of the "View Report" for the selected dataset.

- Plot 1 is a line chart of total daily water use for each report year. Values are shown in million gallons per day
- Plot 2 is a bar chart of total daily use for each category listed in the report for each report year. Values are shown in million gallons per day.
- Plot 3 is a pie chart of showing each percentage of water use by category for all report years selected.

Water Use Report by Water Supplier - PWS Primary Facility Report Data Table Dictionary

Average Daily Water Distribution	
<i>Field Name</i>	<i>Description</i>
ACTIVE INDICATOR	Last known activity status of the sub facility.
PUBLIC WATER SUPPLY ID	The DEP 7-digit numerical ID for the public water supplier.
WUDS PRIMARY FACILITY ID	The DEP WUDS 5-digit numerical ID for the primary facility.
eFACTS PRIMARY FACILITY ID	The DEP eFACTS numerical ID for the primary facility.
PRIMARY FACILITY	The name of the primary facility.
PRIMARY FACILITY DESIGNATION	The primary facility designation.
COUNTY	The name of the county where the source is located.
REPORT YEAR	The year the water use was reported.
PEAK WATER USE DATE	The date of the highest day's water use for the report year.
PEAK DAY WATER USE (GALLONS)	The highest day's water use for the report year, in gallons.
MINIMUM WATER USE DATE	The date of the lowest day's water use for the report year.
MINIMUM DAY WATER USE (GALLONS)	The lowest day's water use for the report year, in gallons.
POPULATION SERVED	An estimate of the total population served by the water supply system.
DISTRIBUTIONTYPE	The water distribution types; types include Domestic, Commercial, Industrial, Institutional, Bulk Sales to other PWS, Oil and Gas, Other, and Water Losses.
METERED CONNECTION	Are the distribution type connections metered, Y/N?
AVERAGE WATER USE (GPD)	The total of yearly water use for each primary facility type divided by annual days, in gallons per day (GPD).
NUMBER OF CONNECTIONS	Present number of connections served by distribution type.
AVERAGE METER AGE (YEARS)	The average age in years of existing meters.
NEW METERS (Y/N)	Have new meters been installed during this reporting period?
ADD METERS (Y/N)	Have new meters been installed at unmetered connections?
METER REPLACEMENT PROGRAM (Y/N)	Is there an active meter replacement program for your water system?
REPLACED METER COUNT	The number of meters replace during the report year
CONSERVATION INFORMATION PROVIDED (Y/N)	Did you provide water conservation information to your customers during the report year?
NEW PIPE EXTENSION DETAILS	The type, size (inches), and length of new pipe installed as an extension to your present system during the report year.
FLUSHING FREQUENCY	The number of times the distribution system was flushed during the report year.
HYDRANTS WORKED (Y/N)	Were the hydrants worked during the report year?
VALVED WORKED (Y/N)	Were the valves in the system worked during the report year?
ACTIVE LEAK DETECTION (Y/N)	Does the system have an active leak detection program?
LEAK DETECTION DETAILS	The type of equipment or methods used for leak detection.
CROSS CONNECTION CONTROL PROGRAM (Y/N)	Does the system have a cross- connection control program?

INADEQUATE PRESSURE (Y/N)	Is the pressure inadequate in any part of the system?
INADEQUATE PRESSURE DETAILS	If yes, explain why there is inadequate pressure in the system.

Number of Connections by County/Municipality	
<i>Field Name</i>	<i>Description</i>
WUDS PRIMARY FACILITY ID	The DEP WUDS 5-digit numerical ID for the primary facility.
REPORT YEAR	The year the water use was reported.
MUNICIPALITY	The name of the municipality with customer connections.
COUNTY	The name of the county with customer connections.
DOMESTIC CONNECTIONS	The number of domestic connections with the listed municipality.
COMMERCIAL CONNECTIONS	The number of commercial connections within the listed municipality.
INDUSTRIAL CONNECTIONS	The number of industrial connections within the listed municipality.
INSTITUTIONAL CONNECTIONS	The number of institutional connections within the listed municipality.
OIL AND GAS CONNECTIONS	The number of oil and gas connections within the listed municipality.
OTHER CONNECTIONS	The number of other connections within the listed municipality.
MULTI UNIT CONNECTIONS	The number of multiple unit connections (apartments and other dwellings) that have multiple dwelling units served by one meter within the listed municipality.
MULTI UNIT NUMBER OF UNITS	The number of multiple dwellings units served by one meter within the listed municipality.

**Water Use Report by Facility - NonPWS Primary Facility Report Viewer** - provides information from facilities other than PWS, known as NonPWS. The report contains the amount and manner of water discharged after use. Currently, three manners of discharge are used: (1) direct discharge to receiving waterway, (2) discharge to a public sewage system, and (3) other. Reports before 2013 may contain additional disposal and consumption types. Reports are submitted annually.

Three plots generate after each click of the “View Report” for the selected dataset.

- Plot 1 is a line chart of total water disposed for each report year. Values are shown in million gallons per day for each report year.
- Plot 2 is a bar chart of total water disposed for each water use type listed in the report for each report year. Values are shown in million gallons per day.
- Plot 3 is a pie chart of showing each percentage of water disposed by water use type for all report years selected.

Water Use Report by Facility – NonPWS Primary Facility Data Table Dictionary

<i>Field Name</i>	<i>Description</i>
WUDS FACILITY ID	The DEP WUDS 5-digit numerical ID for the primary facility.
eFACTS PRIMARY FACILITY ID	The DEP eFACTS numerical ID for the primary facility.
PRIMARY FACILITY	The name of the primary facility.
ACTIVE INDICATOR	Last known activity status of the sub facility.
USE TYPE	See description in Water Registration Data Table Dictionary.
PRIMARY FACILITY TYPE	The primary facility type description.
PRIMARY FACILITY TYPE DESIGNATION	The primary facility type designation.
REPORT YEAR	The year the water was reported used.
WATER DISPOSAL TYPE DESCRIPTION	The method of disposal; either Discharge to Public Sewage, Direct Discharge to Waterway, or Other.

DISCHARGE DESCRIPTION	Name or description of discharge method.
GALLONS DISPOSED	Total gallons disposed per year.
MUNICIPALITY NAME	The name of the municipality where the facility is located.
COUNTY NAME	The name of the county where the facility is located.

**Water Allocation Daily Withdrawal Report Viewer** - This viewer provides information on daily surface water reported for permitted surface water withdrawal/purchases issued under the Water Rights Act to public water suppliers. Reports are submitted monthly.

Two plots generate after each click of the “View Report” for the selected dataset.

- Plot 1 is a line chart of yearly total of water withdrawals and purchases for the years selected. Values are shown in million gallons.
- Plot 2 is a line chart of monthly totals of water withdrawals and purchases for all the years selected. Values are shown in million gallons.

Water Allocation Daily Withdrawal Data Table Dictionary

<i>Field Name</i>	<i>Description</i>
PERMIT WUDS FACILITY ID	The DEP WUDS ID for the allocation permit.
WUDS SUB FACILITY ID	The DEP WUDS ID for the sub facility.
WUDS PRIMARY FACILITY ID	The DEP WUDS 5-digit numerical ID for the primary facility.
PRIMARY FACILITY	The name of the primary facility.
PUBLIC WATER SUPPLY ID	The DEP 7-digit numerical ID for the public water supplier.
EFACTS PRIMARY FACILITY ID	The DEP eFACTS numerical ID for the primary facility.
EFACTS SUB FACILITY ID	The DEP eFACTS numerical ID for the sub facility.
SUB FACILITY	The name of the sub facility.
MUNICIPALITY	The name of the municipality where the source is located.
COUNTY	The name of the county where the source is located.
DATE RECEIVED	The date the report was received.
DATE ACCEPTED	The date the report was accepted by DEP.
REPORT DATE	The date of the report water use.
QUANTITY (GALLONS)	The daily amount of water withdrawal or purchased in total gallons.
INSTREAM FLOW QUANTITY (GALLONS/DAY)	The instream flow measurement in gallons per day, if required.
REPORT TIME	The reported time of the instream flow measurement
RESERVOIR POOL ELEVATION (FEET MEAN SEA LEVEL)	The pool level in feet mean sea level of the reservoir, if required.

**Water Management Plan Daily Water Use Report Viewer** - This viewer provides information on daily water withdrawal reports submitted by Oil and Gas Operators. Reports are required for all water withdrawals and purchases used for hydraulic fracturing of unconventional gas well development. Reports are submitted quarterly.

Note, this viewer has report for Jan. 2017 and later. Prior reports are available using the Water Quantity Report by Source - Sub Facility Report Viewer.

Three plots generate after each click of the “View Report” for the selected dataset.

- Plot 1 is a line chart of annual total water use for all source types. Values are shown in million gallons.

- Plot 2 is a bar chart of monthly total water use by source type, interconnection (purchase) and withdrawal (surface water or ground water). Values shown in million gallons.
- Plot 3 is a line chart of monthly total water use by all source types. Values shown in million gallons.

Water Management Plan Daily Water Use Data Table Dictionary

<i>Field Name</i>	<i>Description</i>
WUDS PRIMARY FACILITY ID	The DEP WUDS 5-digit numerical ID for the primary facility.
WUDS SUB FACILITY ID	The DEP WUDS ID for the sub facility.
eFACTS PRIMARY FACILITY ID	The DEP eFACTS numerical ID for the primary facility.
eFACTS SUB FACILITY ID	The DEP eFACTS numerical ID for the sub facility.
PRIMARY FACILITY	The name of the primary facility.
SUB FACILITY	The name of the sub facility.
SUB FACILITY TYPE	The description of the sub facility type; either surface water withdrawal, ground water withdrawal, or interconnection (purchase connections from public water suppliers, third party providers, or other oil and gas operators)
ACTIVE INDICATOR	Last known activity status of the sub facility.
REPORT YEAR	The year the water use was reported.
REPORT DATE	The date of the report water use.
QUANTITY (GALLONS)	The daily amount of water withdrawal or purchased in total gallons.
MEASURE METHOD	The method used to measure the water use; metered, calculated, or estimated.
INSTREAM FLOW (CFS)	The instream flow measurement in cubic feet per second (cfs), if required.
INSTREAM FLOW MEASURE METHOD	The method used to measure the instream flow; USGS Reference Gage, Staff Gage Downstream Point of Withdrawal, Weir, or Other.
PUMPING TIME (HOURS)	The daily amount of pumping in hours of operation.
MUNICIPALITY	The name of the municipality where the facility is located.
COUNTY	The name of the county where the source is located.
LATITUDE DECIMAL	The latitude location of the source in decimal degrees. Note, values are null for any locations deemed sensitive.
LONGITUDE DECIMAL	The longitude location of the source in decimal degrees. Note, values are null for any locations deemed sensitive.
HORIZONTAL REFERENCE DATUM CODE	The horizontal reference datum code used to locate the source.
HORIZONTAL REFERENCE DATUM	The horizontal reference datum used to locate the source.

### Assistance

For questions regarding this report please contact DEP's State Water Plan Section at e-mail: [epwaterreporting@pa.gov](mailto:epwaterreporting@pa.gov) or Telephone: 717.772.4048. To report problems with this report please contact DEP's Application Support Help Desk at 717.705.3768.