

Water Utilities Financial Impact Tool
and
2020 COVID-19 Water Sector Survey

Webinar
October 8, 2020

AGENDA

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Welcome, Agenda Overview, and Zoom Introduction

Speakers

- **Sonia Brubaker, Director, EPA Water Infrastructure and Resiliency Finance Center**
- **Dawn Ison, Geologist, EPA Water Security Division – Emergency Response Team**
- **Britney Vazquez, Environmental Protection Specialist, EPA Water Infrastructure and Resiliency Finance Center**

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Questions and Answers

Today's webinar will be recorded and made available on the EPA website at a later date.

Zoom Logistics

All attendees are muted. To adjust your audio settings in the webinar, click on **Audio Options**.

Please use the **Q&A window** to ask questions of the presenters.



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Presenters



Sonia Brubaker

Director, EPA Water Infrastructure and Resiliency Finance Center



Dawn Ison

Geologist, EPA Water Security Division – Emergency Response Team



Britney Vazquez

Environmental Protection Specialist, EPA Water Infrastructure and Resiliency Finance Center

WATER INFRASTRUCTURE AND RESILIENCY FINANCE CENTER

EPA's Water Finance Center helps local leaders make informed **drinking water, wastewater, and stormwater** infrastructure decisions.



Research

Advise

Innovate

Network

<https://www.epa.gov/waterfinancecenter>

EPA Water Security Division

- EPA is the Sector-Specific Agency for Water
- All Resource Follow the Water Resilience Framework
- More information: <https://www.epa.gov/waterresilience>




EPA's Water Sector Survey and Tool



- Developed a Survey to learn operational and financial impacts from COVID-19
 - Sent to pre-identified drinking water and wastewater systems based on a statistically representative sample draw
 - Questions focus on impacts from COVID-19 on supply chain disruptions, workforce issues (including cybersecurity), financial impacts, and analytical concerns
 - EPA Water Sector survey: <https://www.epa.gov/ground-water-and-drinking-water/covid-19-water-sector-survey>
- Developed a Tool that utilities can use to determine financial impacts from COVID-19
 - Any drinking water, wastewater, or stormwater system/utility can use the tool to determine impact to their cashflow
 - Tool available for download at: www.epa.gov/waterfinancenter

Water Utility COVID-19 Financial Impact Tool

Water Utility 2020 COVID-19 Financial Impact Tool 

The **Water Utility COVID-19 Financial Impact Tool** is a tool that can be used to assess the financial impact a utility is experiencing due to the COVID-19 pandemic. A fair amount of time will be needed to gather the financial data for filling out the spreadsheet. Time will also be needed for informing and briefing the utility's decision makers of the results of this tool.

This spreadsheet is a tool that you can use to estimate the impact on your utility's cashflow as a result of the COVID-19 pandemic. The spreadsheet has three sections: **Revenue**, **Expenses**, and **Cashflow** and is intended to be used monthly with a running total of the cashflows.

First, work through the **Revenue** and **Expenses** sections to determine the changes to your income statement on a cash basis. Then, in the **Cashflow** section, apply changes in your utility's cash position that would not be included on an income statement. This will result in an estimated change in net cash.

Due to the nature of COVID-19, communities have not necessarily been experiencing impacts at the same time. Guidance has been issued on **Opening Up America Again**, which could be useful information for your community.
<https://www.whitehouse.gov/openingamerica/>

How to use the tool

- Please make sure to **Enable** the macros in this tool.
- The only cells that need to be entered are **yellow**.
- The tool will require data from the previous year and current year financials. You will need access to your utility's financial statements and having some accounting knowledge will be useful for filling out this tool.
- There are several questions in this tool, many of which will only appear depending on how you answer.
- You will begin by entering data into the **2019 Data** tab. You will enter data using 2019's average monthly data to compare to the current month. For example, to look at revenue changes in March 2020, you will take the annual data for 2019 and divide it by 12. That will be the average monthly revenue before COVID-19. This tool will allow you to compare it to the revenue you
- Next, you will answer yes/no questions in the month that you are entering data for. If you answered yes, follow up questions will appear. The follow up questions will ask for specific dollar amounts to compare before and after COVID-19 events. Since you already entered in the 2019 data, that will automatically populate, which means you just need to enter the current month
- The **Revenue**, **Expenses**, and **Cashflow** sections will automatically calculate the sum and changes in these sections.

Please provide some information about your utility (required)

Name of Contact Person:

Name of Utility:

Address:

State:

System Type:

Population:

Customer Base:

When did the impacts of COVID first affect your financials?

What is the expected date your community will enter Phase 1?

What month are you entering data for?

Jan	Feb	Mar	Apr
May	June	July	Aug
Sept	Oct	Nov	Dec

Tool Results


	Total revenue changes due to COVID-19:	Total expense changes due to COVID-19:	Total net changes due to COVID-19:	Total cashflow changes due to COVID-19:
YTD	\$0.00	\$0.00	\$0.00	\$0.00
Jan				
Feb				
Mar				
Apr				
May				
June				
July				
Aug				
Sept				
Oct				
Nov				
Dec				

Introduction 2019 Data

Tool Results

	Total revenue changes due to COVID-19:	Total expense changes due to COVID-19:	Total net changes due to COVID-19:	Total cashflow changes due to COVID-19:
YTD	\$0.00	\$0.00	\$0.00	\$0.00
Jan				
Feb				
Mar				
Apr				
May				
June				
July				
Aug				
Sept				
Oct				
Nov				
Dec				

Water Utility COVID-19 Financial Impact Tool

Water Utility January 2020 COVID-19 Financial Impact Tool								 <small>United States Environmental Protection Agency</small>		
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2	Revenue	Do you expect a change in your system's revenues?	Yes							
3			No							
15	Expenses	Do you expect a change in capital expenditures?	Yes							
16			No							
34	Net Change		Net before COVID-19	\$0.00	Net since March 2020	\$0.00	Net change due to COVID-19	\$0.00		
35	Has there been, or do you expect, a change in Accounts receivable? Has there been, or do you expect, a change in Accounts payable? Will you delay pension fund contributions?									
36										
37										
		Introduction 2019 Data January								

Water Utility COVID-19 Financial Impact Tool

Demo

Questions and Answers

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U.S. EPA Water Finance Center
www.epa.gov/waterfinancecenter

U.S EPA Coronavirus (COVID-19) Information
<https://www.epa.gov/coronavirus>

U.S. EPA Water Resilience
www.epa.gov/waterresilience

