

## Fairmount Waterworks: Ingenuity in Water Supply

**GATHERING THE INFO:** As you watch the webisode, complete this sheet. You may need to pause the webisode and/or watch it more than once to get all of the information.

1. Why was water so important in the early history of Philadelphia?

2. Fill in the blanks to describe Latrobe's original water system for Philadelphia as described by John Van Horne.

*"Latrobe proposed an unorthodox approach to bring fresh water into the city from the Schuylkill River. He wanted to install a \_\_\_\_\_ at the foot of \_\_\_\_\_ Street and from there the water \_\_\_\_\_ through a \_\_\_\_\_ conduit to \_\_\_\_\_, where \_\_\_\_\_ now stands. From there he wanted a \_\_\_\_\_ that would raise the water into a series of raised cisterns or \_\_\_\_\_ and from there the water would be distributed by through the city through \_\_\_\_\_ pipes."*

3. Fill in the chart below with information about the 1801 Pump House.

Successes	Challenges

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4. Why were Charles Dickens and others so impressed by Philadelphia's Fairmount Waterworks?

**EXPLORING PRIMARY SOURCES:**

1. *Pause at 5 minutes, 21 seconds. What two engineering marvels are depicted?*
  
2. *Pause at 5 minutes, 54 seconds. What observations can you make about the people outside of the waterworks? Why do you think they are there?*

**ANALYZING THE INFO:** According to Professor Steven Conn, "The Internet is as nothing when compared to drinkable water." What does he mean by this statement? What evidence did you find in the webisode that supports this comparison?

