**Natalie Nolta and Emily Davis**

**September 30, 2014**

***The Cholera Epidemic***

***Problem –***

There is a deadly disease spreading through London and no one knows the cause.

***Background Information –***

The deaths came mostly from houses located near a certain public water pump that lots of people enjoyed drinking from.

The two water companies got their water from the same river in London.

***Hypothesis –***

Cholera is spread by human waste in water.

***Design and Carry out the experiment –***

Went house to house and asked citizens where they got their water from.

They researched the water companies and where they got their water from.

***Record and Interpret Data –***

|  |  |  |  |
| --- | --- | --- | --- |
|  | Number of Houses  | Deaths from Cholera | Deaths per 10,000 Houses |
| S & V Water Company | 40,046  | 1,263 | 315 |
| Lambeth Water Company | 26,107 | 98 | 37 |
| Rest of London | 256,423 | 1,422 | 59 |

The most deaths were from the S & V Water Company.

Lambeth only had 98 deaths, while the S & V had 1,263.

***Conclusion –***

In conclusion, the S & V Water Company served the water that was mostly infected by Cholera. They got their water from a river that was contaminated by human waste. An S & V water pump was placed on Broad Street. That is why most of the deaths were bunched together near that pump (the pump had Cholera contaminated water).