



Remediation on the Tar Creek Superfund Site

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The Mission

The mission of this project is to provide an account of an actual environmental hazard, the Tar Creek Superfund Site, that harshly affected the general population of the area, as well as examine the various remediation efforts and some legislation that has affected the townspeople and Quapaw.



Project Overview

Through extensive research which included a virtual trip to the site, an interview with environmental lawyer Rob Lee, and the Tar Creek Film by Matt Meyers, I was able to gain comprehensive knowledge of the Superfund Situation and Tar Creeks history.

Communities Served

This project was meant to be able to give anyone curious in environmental tragedies the fundamentals of the Tar Creek Superfund Site and its remediation. One community I did want to point out was the Quapaw who suffered the most from business and governmental transgressions on the land.





Curriculums Used

Case Study: Effect of mining on human populations - specifically the Quapaw

Discuss environmental effects of resource extraction and laws governing remediation of these effects.

Describe the geologic factors affecting the use, supply, contamination, and treatment of surface and groundwater resources.



Technology

I learned to utilize and get acquainted with iMovie to create my video about the Tar Creek Superfund Site. I had never used this software before and ran into some hiccups but luckily it was pretty intuitive.





Methodology

Research was done from October to December with my scheduled meeting with Rob Lee being on November 29th. While I was not able to recently go to Tar Creek due to illness I was able to see it virtually on the 16th of November. The use of iMovie started in late November and ended December 7th with the final touches to the video.



Project Results

This project helped improve the technical skills of video editing as I had to learn and utilize iMovie. With iMovie I was able to successfully create a 10 minute video with voiceover by me on the Tar Creek Site. I was also able to gather some researching skills and make connections with people in the environmental law field.



Content Knowledge

I feel that the video is able to adequately express knowledge in the subject matter past the average viewer and I hope it is informative as I feel the Tar Creek Superfund Site should be more openly acknowledged and awareness increased with the general public.



Acknowledgements

Paul Lowrey for an invaluable explanation of the site as well as extending resources to learn more about the site.

Professor Phillips who was able to extend a connection to a past student who ended up becoming an environmental advocate lawyer.

Rob Lee from the Midwest Advocates group who was able to explain some of the Operable Units in depth as well as other basic questions about CERCLA.



References/Sources

The Tar Creek Superfund Site

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<https://youtu.be/9djmj2D-bL0>