## **NJS** Presents

## The 2018 NJ History and Historic Preservation Conference

#### Poster Session Winner, Undergraduate Category

#### Ringwood Mines Superfund Site:

# Implications for Local Flora and Fauna

#### By Barbra Walker

## DOI: http://dx.doi.org/10.14713/njs.v4i2.141

Barbra Walker's poster, "Ringwood Mines Superfund Site: Implications for Local Flora and Fauna," won the undergraduate poster contest at the 2018 New Jersey History and Historic Preservation Conference. The conference was held June 7-8 at Passaic County Community College in Paterson, NJ.

Ford Motor Company has been responsible for grave environmental injustices against residents of Hillburn, NY; Mahwah, NJ; and Ringwood, NJ throughout the mid to late '60s. Our focus of study is upon the Native American community that resides within Ringwood. Because of toxic materials buried among woodland areas of Ringwood, there are now a multitude of carcinogenic elements shown to exist within the local flora and fauna. Ramapough Native Americans residing in Ringwood have relied upon their local plants and animals for sustenance and ceremonial practices. They hunt and consume game animals (deer, turkey, rabbit and squirrel), harvest vegetation for consumption and ceremonies (sage, sweetgrass, wild carrot), and perform ceremonies within a vegetative environment. Reports conclusively prove that contamination exposure pathways connect contaminants to soil to vegetation to herbivores to carnivores and omnivores (including humans).

Because of the exposure to Ringwood community members, cancers, skin disorders and

gastrointestinal diseases are disproportionately high. However, proving this direct causal relationship between contamination and illnesses is a very difficult thing to accomplish. Government agencies and private NGOs have amassed proof of their existence and the existence of this linkage. However, the EPA has acted as the resident "bad guy" by denouncing, in some form or other, the validity of the reports. In essence, the EPA is acknowledging a contamination issue existing within upper Ringwood while ignoring the much larger issue: people are getting sick because of existing contamination, and that contamination is being absorbed largely through the usage and consumption of their local flora and fauna.

Barbra Walker is a recent graduate of the Landscape Architecture program at Rutgers University's School of Environmental and Biological Sciences. Her interests range from environmental justice issues (such as the Ringwood Superfund Site) to built landscapes within urban communities. She believes that if everyone has equal access to properly functioning ecological systems, even something as simple as a rooftop garden, we can bridge the growing gap between the individual and the community by bringing people together through environmental stewardship.

