

Hello and thank you for watching this presentation related to EPA's Norwood Landfill site investigation. My name is Gina Soscia and I am a Community Involvement Coordinator for the Environmental Protection Agency. I am one of the many team members working on this project and have been involved since November 2019. The goal of this presentation is to review the work that has been performed during this site investigation, from the beginning in February 2017 to our current status.

In this presentation we will review the purpose of the Norwood Landfill Site investigation. We will also review the findings from the first phase of the site investigation, also known as Round One, which took place between 2017 and 2018. We will also discuss what activities have taken place since the public meeting that occurred in November 2019. Lastly, we will update you on our plans to hold a virtual meeting for the community in early December to go over the results of our most recent sampling efforts.

EPA began a site investigation through the Superfund Program as a result of community concerns raised in September 2016. The purpose of this investigation is to address community concerns regarding possible contamination and health impacts from the historic unregulated waste disposal at the former Norwood Landfill.

The investigation seeks to determine if contaminants from the landfill site pose a risk to human health and the environment in the Norwood community, and what, if any, action may be needed to address contaminants.

EPA began its site investigation in February 2017 by initially interviewing citizens to gather information about their concern and their knowledge of historic landfilling and the location of this waste disposal. In September 2017, EPA visited the site of the former landfill with a few of the concerned citizens, as well as Norwood Borough officials, and collected surface and subsurface soil samples from areas that were of greatest concern and which may have had the highest potential for impacting the Winona Homes neighborhood. EPA also took samples from surface water and sediment in Muckinipattis and Darby Creeks to determine if contaminants found in the landfill are being released to nearby waterbodies.

In May 2018, EPA again listened to the Norwood community and performed additional soil sampling at 21 residential properties in the Winona Homes and Norwood Acres neighborhoods. Sampling was performed in these neighborhoods to determine if contamination was present on residential properties that could be connected to the landfill or as a result of fill soil brought to the neighborhood during the construction of the homes that may have originated at an unrelated contaminated site.

The results of the 2017 and 2018 sampling identified varying levels of contamination in the surface and subsurface soils of the landfill area. However, contamination was not present at levels that would pose a human health risk. Additionally, the contaminants found on residential properties could not be connected to the landfilling activities. Although contaminants were found on several properties, they are in isolated locations and away from the presumed Norwood Landfill area. An EPA Toxicologist performed a human health risk assessment for those residential properties and determined that the contaminants found do not pose a risk to human health.

Contaminants were also found in the creeks but could not necessarily be connected to a release from the landfill, as the contaminants were found in just two samples: one on the Muckinipattis sediment and one in Darby Creek surface water. These creeks are tidally influenced and flow through a highly urbanized area, adding to the potential these two elevated samples are a result of urban runoff.

In November 2019, EPA held a meeting at the Norwood Fire Company to review the results of the Round One sampling with the community. There was significant turnout at this meeting, with approximately 500 people in attendance. At this meeting, EPA discussed plans to sample a newly identified 10-acre area along Muckinipattis Creek at the eastern end of Norwood Lower Park, referred to as the Old Norwood Dump. EPA also discussed sampling additional residential properties to gain a better understanding of soil conditions across Lower Norwood.

At this meeting we heard from many of you regarding your concerns and questions. We took your input seriously and re-evaluated our sampling plans to address many of these concerns and issues.

The main goals of EPA's expanded investigation conducted in 2020 are to sample the Old Norwood Dump, an area not previously understood to be different from the Norwood Landfill; AND to gain a better understanding of soil conditions in the Winona Homes neighborhood. All of the data collected will help EPA determine if there is any longer-term investigation or immediate action needed in the Norwood community to address potential contaminants.

Since November 2019, various actions related to the site investigation occurred. In January 2020, EPA, its contractors, and representatives from Norwood Borough conducted a site visit to explore areas of the Old Norwood Dump, the DELCORA pumping station and the Norwood Landfill to determine sampling locations. EPA also discussed the process for taking deep soil samples of up to 15 feet below surface. EPA planned to begin Round Two sampling in March 2020, however, due to the COVID-19 pandemic, sampling was put on hold until September of 2020.

In September 2020, EPA and its contractors sampled non-residential areas of Norwood. EPA also installed groundwater monitoring wells around the Winona Homes neighborhood to determine if contaminants from an upgradient source might be migrating into the neighborhood or if contaminated fill that may have been placed in the neighborhood could enter the lower level of homes during heavy rain events.

In the summer of 2020, EPA began its virtual outreach to members of the Winona Homes community and others who had expressed interest in residential sampling following the November 2019 public meeting. As a result, 70 homes participated in the residential sampling that took place in November of 2020. EPA collected surface, subsurface and deep soil samples from homes throughout the Winona Homes neighborhood, as well as randomly selected homes from areas north, south, and west of the neighborhood. Property owners that participated in the sampling efforts recently received their results.

This concludes our recap of the Norwood Landfill investigation. On December 9, 2021, EPA will hold a virtual public meeting to provide the 2020 sampling results and discuss the outcomes of the site investigation. Representatives from the Agency for Toxic Substances

and Disease Registry, also known as ATSDR and the Pennsylvania Department of Health, will also provide an update on their public health evaluation for the Norwood community. The final expanded site investigation report will be made available on our website in advance of this meeting. Please continue to check our website for updates. More information on this meeting will also be distributed to our email list and by mailers to the Lower Norwood community.

As we are working hard to prepare and plan for this meeting, we encourage you to submit any of your questions to us in advance. This will help us to plan for and address those questions in our presentations. Please submit any of your questions or concerns to myself or Katie Page at the email addresses listed on this slide.

Thank you for viewing this video!