

What is the Clearview Cleanup Plan?

EPA selected an Evapotranspiration (ET) cover as the cleanup plan for contaminated waste and soils from the Clearview Landfill, known as Operable Unit 1 (OU1).

An ET cover, also called a water balance cover, is a thick layer of soil with a dense stand of trees and vegetation planted on its surface. Other parts of the plan include:

Excavating contaminated soils outside the ET cover.

Erosion controls along creek banks.

Permanent relocation of businesses from the landfill.

Collecting and treating the leachate using a subsurface trench along the creeks and engineered wetlands.

Long-term maintenance and monitoring for all parts of the remedy.

Legal controls to protect the remedy and the public.

Learn More About The LDCA Site!

<http://go.usa.gov/vQv3> (case sensitive)

NEXT STEPS

EPA will use the findings from this testing to continue to develop the final design for the Clearview OU1 cleanup. The design is estimated to be complete in early 2017.

EPA will share and discuss the findings of all residential property testing with the individual homeowners.

Map of Selected Clearview Landfill Cleanup Plan



Questions? Contact Us!

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Additional Resources (case sensitive)

LDCA Superfund Site Page:

<http://go.usa.gov/vQv3>

Eastwick Lower Darby Creek Area Community Advisory Group email:

ELDCA.CAG@gmail.com

A Community's Guide to EPA's Superfund Program:

[http://www.epa.gov/superfund/
community/today/pdfs/TIS%20FINAL%
209.13.11.pdf](http://www.epa.gov/superfund/community/today/pdfs/TIS%20FINAL%209.13.11.pdf)



LOWER DARBY CREEK AREA SUPERFUND SITE

CLEARVIEW LANDFILL *Community Update* **August 2015**

U.S. EPA · REGION 3

EPA To Conduct Additional Testing

The U.S. Environmental Protection Agency (EPA) will be conducting additional tests on and around the Clearview Landfill. The Clearview Landfill is part of the Lower Darby Creek Area (LDCA) Superfund Site. The testing will mainly involve collection of soil samples from the Landfill, Eastwick Recreational Park (City Park) and a few locations in the Eastwick neighborhood. Results from these tests will be used for the design of the Clearview Landfill cleanup.

Why Is EPA Collecting These Samples?

The EPA selected the cleanup plan for the Clearview Landfill in September 2014 and is now developing the detailed design for the cleanup. Additional information is needed to determine the edge of the current landfill. During earlier testing, EPA also identified several locations in the City Park and Eastwick neighborhood where soil contaminant levels were higher than the EPA soil cleanup numbers. These areas are outside the planned cover for the Landfill and need to be removed. This upcoming testing is also meant to find the edges of these areas as well.

What You Will Notice

- EPA personnel
- EPA contractors
- Geoprobe drill rig
- Utility markings
- Support equipment trucks
- Safety cones
- Potential traffic control personnel

How Long Will The Testing Take?

Sampling activities will start in August. Some activities will only take a few days while others will take 2-3 weeks. Depending on the day, what you will see may vary. All of the testing should be completed in September or October. Please do not hesitate to contact us at anytime. You can find our contact information under the "Contact us" header in this factsheet.



Sampling Activities and Schedule

Below is short description of the major activities that will be conducted and the expected order in which they will occur.

Surface Soil Testing for Dioxins will be conducted in the City Park. Previous testing on the landfill indicated that dioxins were not an issue. We are testing to confirm this is also true for the City Park.

Background Testing for Site Contaminants in soil will take place in several nearby locations that are not impacted by the Clearview Landfill. This will help EPA determine if any contaminants are related to other sources.

Boreholes Will Be Inserted in the City Park and on the actual landfill to define the edge of the landfill waste and evaluate surface conditions over the waste. This will guide the technical design of the new cover.

Subsurface Soil Testing in the City Park and some residential areas will be conducted to determine the areas above soil cleanup levels. These areas will need to be excavated during the cleanup.

Methane Testing beneath the City Park will be conducted to evaluate the potential for the generation and movement of landfill gas towards residential areas.

What Types of Contaminants Are Related to the Clearview Landfill?

To address potential human health risks, EPA selected cleanup levels for several contaminants known as polycyclic aromatic hydrocarbons (PAHs), as well as polychlorinated biphenyls (PCBs). To address potential ecological risks, EPA also selected cleanup levels for cadmium, copper, lead, and zinc.

Will EPA Be Testing Any Residences?

Yes. There are a few locations in the City Park that have contaminants above soil cleanup levels. EPA plans to test some of the nearby yards to see if there is any contamination there. EPA will be contacting those homeowners where we want to test in August or September 2015.

Does This Soil Contamination Put My Health at Risk?

The levels of contamination in the City Park do not pose an immediate health risk. Most of the contamination is found below the surface and the ground is covered with grass or other vegetation. However, these contaminants do pose a potential long-term health risk if they are not addressed. This is why EPA will be cleaning up this contamination.