



Lower Darby Creek Area Superfund Site Cleanup Status Update

EPA TO START CLEANUP OF CLEARVIEW LANDFILL AND RESIDENTIAL YARDS

EPA will be starting a new Superfund cleanup at the Clearview Landfill in late summer 2017. The goal of the cleanup is to address contamination stemming from the Clearview Landfill, which is part of the Lower Darby Creek Area (LDCA) Superfund Site.

The first step of the cleanup will be to continue addressing residential yards in the Eastwick neighborhood that have contaminated soil related to the Clearview Landfill. The yard cleanups will remove soil contaminated with elevated levels of polycyclic aromatic hydrocarbons (PAHs), as well as polychlorinated biphenyls (PCBs) and lead.

At least 80 homes are currently eligible for the yard cleanup based on EPA's sampling results and more yards may also be eligible. EPA previously cleaned up 33 contaminated residential yards with the highest levels of soil contamination.

The entire yard cleanup project will likely take over a year and last into 2019. The clean up will cover one row of properties at a time (typically 6 to 8 homes), and each row will take about two weeks. The exact order and schedule for the yard work has not been determined and will be based where EPA has been given legal access. If your yard qualifies for testing or cleanup, an EPA representative has or will contact you.

The excavated soil from yards will be placed in a storage area on top of the Clearview Landfill. The storage area will

have a low wall around it, known as a berm, and will be covered with a thick plastic cover. This will prevent the contaminated soil from being blown by wind or washed away during rain events. Eventually, this soil will be placed under the new landfill cover that will be built over the landfill.

IS THERE AN IMMEDIATE HEALTH RISK?

The levels of contaminants found do not pose an immediate health threat to the residents. Long-term exposure over an extended period (30-70 years) may increase potential cancer risks. Additional information about PAHs is included on the next page. Please note the last page of the fact sheet for Eastwick Park soil safety tips.

WHAT SAFEGUARDS WILL BE IN PLACE DURING THIS WORK?

EPA has developed a Community Health and Safety Plan (CHASP) that details steps being taken to protect the community during the cleanup work. The CHASP is available at: www.epa.gov/superfund/lowerdarby or can be viewed at the Eastwick Branch of the Philadelphia Free Library (2851 Island Avenue).

Specific health and safety activities will include monitoring dust levels in the air during the cleanup, minimizing dust in work areas, installing safety fencing around work areas and heavy equipment, using routes that minimize truck traffic through the neighborhood, managing stormwater and planning for large storms, and providing for on-site security.

FOR MORE INFORMATION

www.epa.gov/superfund/lowerdarby

EPA CONTACTS

For Technical Questions:

Remedial Project Manager

Joshua Barber

(215) 814-3393

barber.joshua@epa.gov

For General Questions:

Community Involvement
Coordinators

Larry Brown

(215) 814-5527

brown.larry@epa.gov

Gina Soccia

(215) 814-5538

soccia.gina@epa.gov

OR EMAIL: R3_LDCA@epa.gov

COMMUNITY MEETING

Thursday, September 21st

6:30pm to 8:30PM

Eastwick Regional Park
Recreation Center
S.80th St. and Mars Place
Philadelphia, PA

Join us at the community meeting to ask questions about the soil removal work and get an update on the ongoing cleanup work at Clearview Landfill.



What About Other Parts of the LDCA Superfund Site?

All air quality monitoring data and other information will be available at www.epaosc.org/ldca.

ADDITIONAL WORK AT CLEARVIEW LANDFILL

Other parts of the remedy include permanent relocation of the businesses on the landfill (also to start in 2017), removal of contaminated soil from the City Park, construction of the new landfill cover, and stabilizing the streambanks. There will also be work to capture the runoff from the landfill and treat it on site with constructed treatment wetlands. This work is expected to begin in 2018.

LDCA OPERABLE UNIT (OU) 2: FOLCROFT LANDFILL

EPA, the Pennsylvania Department of Environmental Protection (PADEP), and the United States Fish and Wildlife Service (USFWS) are currently reviewing the updated Remedial Investigation Report for the Folcroft Landfill. This report is expected to be finalized in late 2017.

The Feasibility Study for this landfill is underway. The Study will evaluate cleanup options for the Folcroft Landfill and the related contaminated groundwater.

EPA is in the process of developing the aquatic risk assessment, which evaluates all human health and ecological risks from contaminants in the creeks around the LDCA Site, sediment, as well as fish and turtle tissue. This report is expected to be complete in 2018.

LDCA OU3: CLEARVIEW LANDFILL GROUNDWATER

The Remedial Investigation report is being developed by EPA. It will be provided to PADEP for review in fall 2017. After the Remedial Investigation report is completed, EPA will begin the Feasibility Study, which will evaluate cleanup options for the groundwater.

Please note that your drinking water comes from nearby rivers and is provided by the Philadelphia Water Department. Groundwater in this area, including that which is impacted by the Clearview Landfill, is not used for drinking water.

LOCAL COMMUNITY ORGANIZATIONS

Eastwick Lower Darby Creek Area Community Advisory Group (ELDCA CAG)
<http://www.eldcacag.org/>

Darby Creek Valley Association (DCVA)
Technical Assistance Grant (TAG) Recipient
<http://www.dcva.org>

LDCA COMMUNITY INVOLVEMENT PLAN (CIP) NOW AVAILABLE!

The CIP identifies the community's issues, needs, and concerns, as well as specific activities, outreach products, and programs EPA will use to address the community's concerns. It is a flexible guide for EPA's communications with community residents, businesses and organizations.

The CIP can be viewed at:

<https://semspub.epa.gov/src/document/03/2245021>

PHOTOS OF RESIDENTIAL YARD CLEANUPS

The following photos show examples of yard cleanups that were completed in 2016.





Completed excavations in front yards as part of the residential cleanup.



Completed 2 foot deep excavations of backyards for yard cleanups.

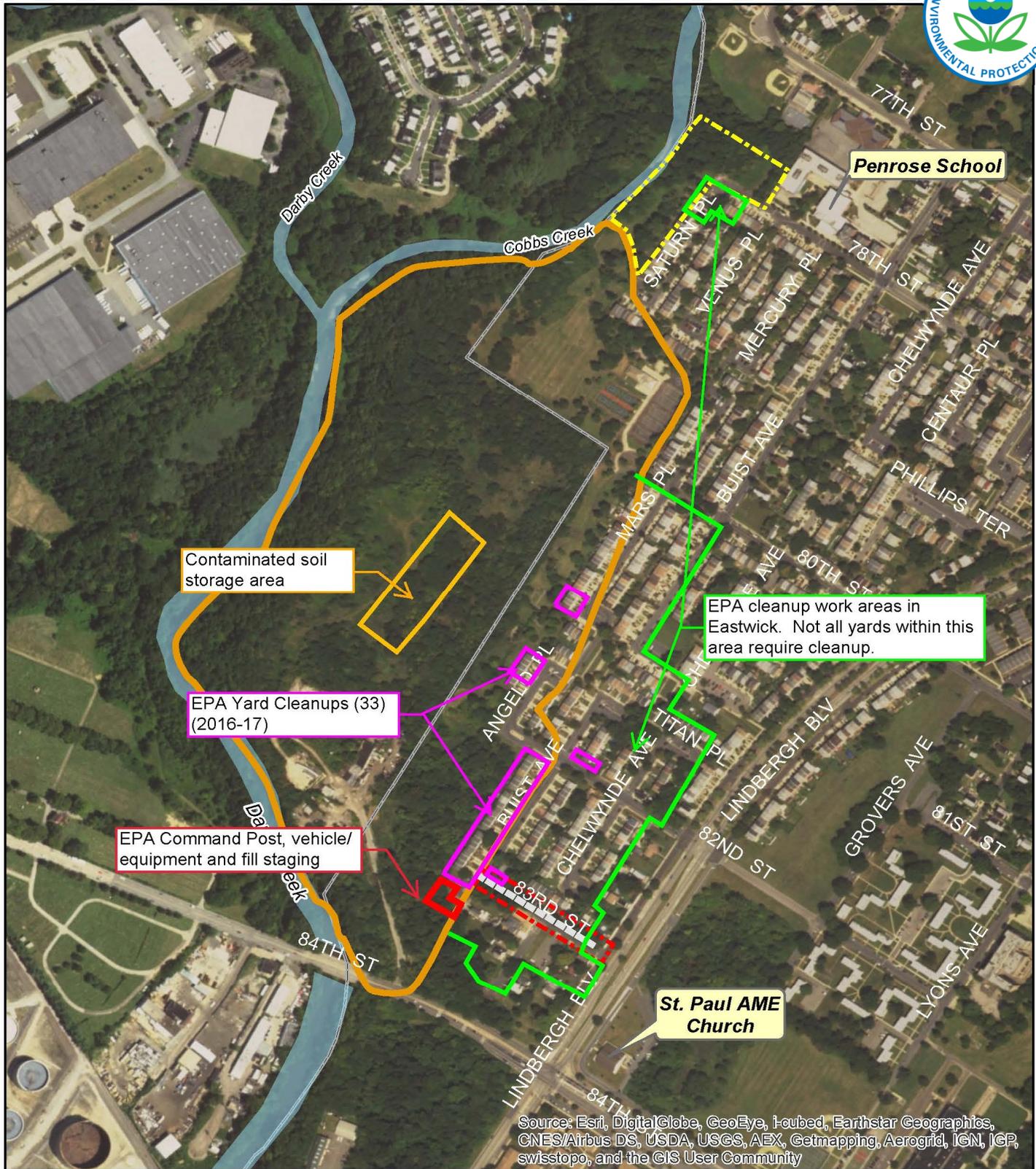
Excavation of top 2 feet of soil during residential yard cleanup.



Completed restoration of front yards addressed by the residential yard cleanup.



Completed restoration of front yard.



Contaminated soil storage area

EPA Yard Cleanups (33) (2016-17)

EPA Command Post, vehicle/equipment and fill staging

EPA cleanup work areas in Eastwick. Not all yards within this area require cleanup.

St. Paul AME Church

Penrose School

Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Legend

- Former Landfill Access Road
- Secondary Dumping Area
- Former Landfill Access Road Area
- Historical Extent of Clearview Landfill
- County Boundary Line

Data Sources
Imagery: ESRI Bing Service

Coordinate System:
State Plane Pennsylvania South FIPS 3702
Linear Unit: Foot US

Datum: D North American 1983 (NAD 83)



Site map showing location of previous yard cleanups, future yard cleanups, as well as the historical extent of the Clearview Landfill.



How to Avoid Disturbing Soil In Eastwick Park

The U.S. Environmental Protection Agency (EPA) is designing the cleanup for the Clearview Landfill part of the Lower Darby Creek Area Superfund Site. Soil testing has shown that there are contaminants in the soil beneath the surface of Eastwick Park (the Park). The levels of contaminants in the Park do not pose an immediate health risk for Park Users. Long-term exposure to contaminants over an extended period (30-70 years) can pose potential health concerns. Using the Park's paved surfaces and facilities (playground, basketball & tennis courts, recreation center, bike paths) is safe.

It is recommended that people who use the Park should:

- Avoid games and activities that disturb the soil, like digging, scraping, picking up rocks.
- Avoid any “water-play” activities, such as sprinklers and pools, in grassy or bare soil areas.
- Avoid walking in the Park in bare feet.
- Place blankets or towels down prior to sitting in grassy areas.
- Avoid sports activities that could rip up grassy areas (golf, football, or wearing cleats).
- Ride bikes on designated bike paths and paved areas. Avoid riding in grass.
- Prevent dogs or other pets from digging in the Park.

It is recommended that after using grassy areas of the Park, people should:

- Make sure to wash hands or other areas of exposed skin that may have contacted the Park soil.
- Take off shoes and clean off pet paws before going inside homes.
- Wash outdoor toys, sporting equipment, etc., before bringing them inside homes.
- Clean floors, counters and furniture regularly to reduce soil dust inside homes.
- Report any uprooted trees or any other damage to the Park's grassy areas to the City of Philadelphia by dialing 3-1-1, visiting www.phila.gov/311/form or emailing Philly311@phila.gov



ADDITIONAL RESOURCES

For more information about the Lower Darby Creek Area Superfund Site, please visit:

www.epa.gov/superfund/lowerdarby

If you have questions or concerns related to the Lower Darby Creek Area Superfund Site, you may also reach out to us directly at: R3_LDCA@epa.gov

These documents can also be viewed locally at the Eastwick Branch of the Philadelphia Free Library, 2851 Island Avenue, Philadelphia, PA 19153

Address Label Here

U.S. Environmental Protection Agency, Region 3
Attn: Larry Brown
1650 Arch Street (Mailcode 3H552)
Philadelphia, PA 19103

