

Soil Assessment Report

Walltown, East End, East Durham, Lyon, and Northgate Parks



DPRPlaymore.org/516

★ The EPA threshold for lead in bare soils in play areas is 400 parts per million (ppm).

Reported Findings

WALLTOWN PARK

8 samples IN THE PARK AREA AND CREEK measured greater than the EPA threshold.

EAST DURHAM PARK

8 samples IN THE PARK AREA measured greater than the EPA threshold.

NORTHGATE PARK

1 sample IN A PLAYGROUND measured greater than the EPA threshold.

LYON PARK

1 sample IN A WOODED AREA measured greater than the EPA threshold.

EAST END PARK

1 sample IN THE PARK AREA measured greater than the EPA threshold.

Action

Fencing and detailed signs have been installed at each impacted area to mark the area, provide information, and prohibit access.

Northgate Park Playground (west of swing set) has been closed since August 18.

All other areas remain open to the public; soil samples measured below the EPA threshold and did not indicate a need for further action.

What about playgrounds?

7 out of 9 playground areas in the 5 tested parks have fabric liners topped with 12-18" of mulch, providing a barrier to bare soil. *Soils under these playgrounds were not tested.*

Soils under 2 unlined playgrounds in Northgate and East End Parks were tested.

Northgate Park Playground
Tested over 400 ppm
CLOSED

East End Park Playground
Tested under 400 ppm
OPEN

Anticipated Next Steps

- These findings have been submitted to North Carolina Department of Environmental Quality (NCDEQ) review.
- Continued restricted access to areas measuring above 400 ppm.
- Further investigation into source of lead.
- Figure out strategies to remediate and prevent potential future exposure.
- Connect community with public health experts and information.
- City continue to meet with community and subject matter experts.
- City provide extensive updates through multiple communication channels.