

From: [John Richardson](#)
To: [Pamela Schultz](#); "[Julie McClintock](#)"; [Nick Torrey](#); [Megan Kimball](#)
Cc: [Maurice Jones](#); [Flo Miller](#); [Vencelin Harris](#); [Laura Selmer](#); [David Duncklee](#); [Steve Hart](#)
Subject: Stockpile Test Results
Date: Monday, June 10, 2019 4:55:00 PM
Attachments: [Stockpile Data Summary.pdf](#)
[92428738_frc.pdf](#)

Hi Pamela, Julie, Nick and Megan:

When we met last week you asked about the results of the TCLP test for the stockpile that is located on the Bolin Creek Greenway. According to the trail construction manager, the soil comes from across the creek adjacent to the Martin Luther King Jr. bridge where you now see rip-rap.

Our Environmental Engineer, Hart & Hickman, coordinated the testing and we asked our Risk Assessor, Duncklee & Dunham, to review the information as well (both copied). Dave Duncklee of Duncklee & Dunham shared with us:

The data for sample SP-1 shows:

- 1. The soil is not a hazardous waste per the TCLP test. The test results show the concentrations detected are many orders of magnitude below the EPA-established threshold levels.*
- 2. The soil results for total levels of manganese, arsenic and hexavalent chromium are within the range of background levels (8 background samples, total). Metals naturally occur in soil as a result of bedrock weathering. Therefore, comparison to background levels is essential to determine if the levels detected are due to a release or not. This methodology is fully supported by published NCDEQ IHSB guidance materials which are available at:
<https://files.nc.gov/ncdeq/Waste%20Management/DWM/SF/IHS/guidance/RECGuidance%202015.10-22-15.%20Final%20saved%202-9-2016.pdf>.*

Therefore, the total metals results are not indicative of a release of coal ash, either.

As we indicated last week during the meeting, we are planning to dispose of the stockpile at a permitted facility as part of the trail construction and proposed interim remediation work. If the Council is supportive of the staff's proposal to proceed with interim remedial measures, we are hoping to begin the work this summer. The exact timing is contingent upon how quickly we can mobilize our contractors.

Does this help?

John

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