

Sampling Data Compared to Screening Levels

Arsenic

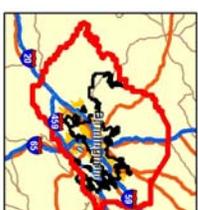
Community Soil Sampling Conducted by Walter Coke, Inc.



Birmingham, Alabama

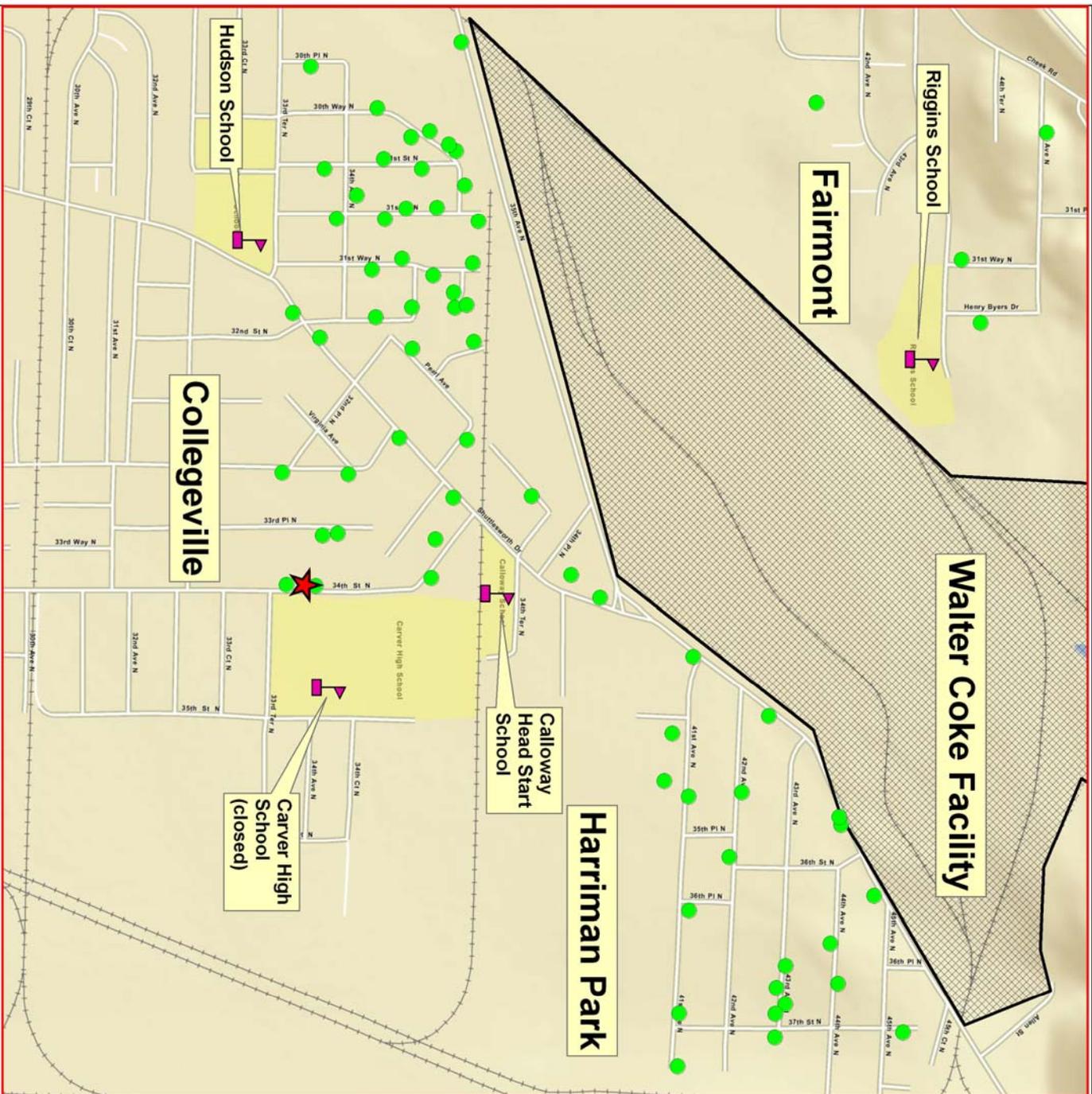
Jefferson County

Birmingham



Arsenic

- Legend**
- Below Screening Level (39 mg/kg)
 - ★ At or Above Screening Level (39 mg/kg)



NOTE:

- Soil screening levels are conservative risk-based values developed by EPA that are health-based. Results above screening levels may present a 1 in 10,000 (1 x10⁻⁴) increased cancer risk over a lifetime.
- Based upon the sampling data compared against screening levels, it will be determined whether further investigation or cleanup may be warranted. Another map will be issued when final cleanup levels are developed.

- References:**
1. Walter Coke Residential Sampling Report
 2. EPA Data Evaluation Report

DRAFT



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-DRAFT-

This map has not been submitted to the EPA peer review process

Date Created: October, 2010
 GEO Section, EPA R4

Map Name:
 WalterCoke Arsenic4.mxd

Map Author:
 Ravi Rao, 404-562-8349

Sampling Data Compared to Screening Levels BaP TEQ

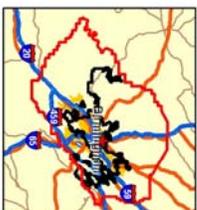
Community Soil Sampling Conducted by Walter Coke, Inc.



Birmingham, Alabama

Jefferson County

Birmingham



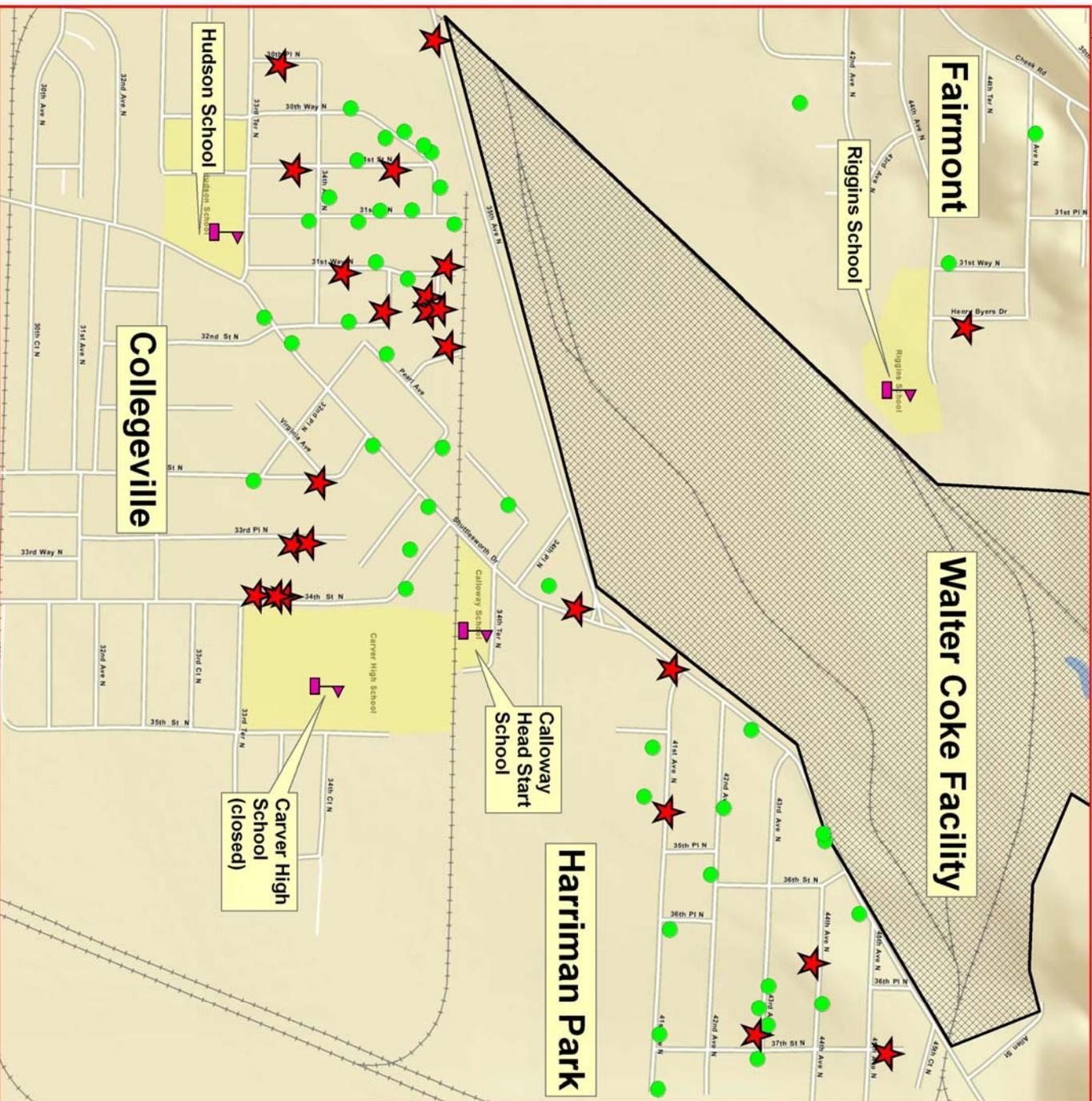
BaP TEQ = Benzo (a) Pyrene
Toxicity Equivalents

- Legend**
- Below Screening Level (1.5 mg/kg)
 - ★ At or Above Screening Level (1.5 mg/kg)

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RAVI Rao, 404-562-8349

Date Created: October, 2010
GEO Section: EPA R4

Map Name:
WalterCoke BaP4.mxd

Scale: 0.1, 0.05, 0 Miles