



January 15, 2014

United States Environmental Protection Agency
Sam Nunn Atlanta Federal Center
61 Forsyth Street, SW
Atlanta, Georgia 30303-8960

Attention: Ms. Meredith Anderson
Environmental Engineer

Re: **Quarterly Progress Report #5 October-December 2013**
Walter Coke
3500 35th Avenue North
Birmingham, Jefferson County, Alabama
USEPA ID No. ALD 000 828 848
Terracon Project No. E1127096

Dear Ms. Anderson:

On behalf of Walter Coke, Inc. (Walter Coke), Terracon Consultants, Inc. (Terracon) has prepared Quarterly Progress Report #5 for the work completed October 1, 2013 to December 31, 2013 period for the above-referenced site. This progress report has been prepared in accordance with paragraph 53 of the Order on Consent with effective date of September 24, 2012.

PROGRESS REPORT (OCTOBER 1, 2013 THROUGH DECEMBER 31, 2013)

Interim Measures

- Hydraulic Control System was running during this reporting period. The volume of water recovered from October 1, 2013 through December 31, 2013 is 208,018 gallons.
- Groundwater levels were collected from the monitoring wells in October and November. The groundwater levels will be reported to EPA in the Annual Report that will be submitted after four quarters of groundwater monitoring are conducted.
- Groundwater samples were collected in November 2013. The analytical results from the groundwater samples collected during November will be submitted under separate cover in the Interim Measures Quarterly Report which will be submitted to EPA in January 2014.



Terracon Consultants, Inc. 110 12th Street North Birmingham, Alabama 35203
P [205] 942 1289 F [205] 443 5302 terracon.com

Geotechnical



Environmental



Construction Materials



Facilities

Vapor Intrusion

- The third quarter of soil vapor monitoring was conducted on November 11 and 12, 2013.
- During the third quarterly sampling, 24-hour air monitoring was conducted at one residential crawlspace, 2 soil vapor ports on the residential property were sampled, 2 soil vapor ports on adjacent Walter Coke property were sampled, and 24-hour air monitoring was conducted of localized ambient air.
- The results for the November 2013 sampling event will be presented to EPA in a letter report in January 2014.
- On December 2, 2013, Walter Coke submitted a request to modify the Vapor Intrusion Characterization Work Plan (VIWP, Revision 2.0) to update it reflect EPA guidance and EPA's scientific determinations of air quality and risks in the vicinity of the properties subject to the VIWP.

Corrective Measures

- Walter Coke received EPA's final comments for the CMS SMA 1 on November 19, 2013.

PROJECTED WORK FOR NEXT REPORTING PERIOD (JANUARY 1, 2014 THROUGH MARCH 31, 2014)

Interim Measures

- Continue operation and maintenance of the hydraulic control system.
- IM Quarterly Report will be prepared and submitted to EPA in January 2014.
- Quarterly groundwater monitoring will be conducted in February 2014.

Vapor Intrusion

- The third quarter monitoring results will be submitted to EPA in January 2014
- The fourth quarterly soil vapor sampling will be conducted in February 2014.

Corrective Measures

- The CMS for SMA 1, revised based on EPA's comments dated November 19, 2014, will be submitted to EPA by January 24, 2014.
- CMS for SMA 4 is due March 24, 2014.

Quarterly Progress Report #5 October-December 2013

Walter Coke ■ Birmingham, Alabama

January 15, 2014 ■ Terracon Project No. E1127096



CLOSING

If you should have any questions, please do not hesitate to contact us at (205) 942-1289.

Sincerely,

Terracon Consultants, Inc.



Terrell W. Rippstein
Principal Geologist

Cc: Mr. Don Wiggins – Walter Coke
Mr. Dan Gucza – Walter Energy
ADEM