



October 15, 2015

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

Attention: Mr. Wesley Hardegree  
Environmental Engineer

Re: **Quarterly Progress Report #12 July-September 2015**  
**Walter Coke**  
**3500 35<sup>th</sup> Avenue North**  
**Birmingham, Jefferson County, Alabama**  
**USEPA ID No. ALD 000 828 848**  
Terracon Project No. E1127096

Dear Mr. Hardegree:

On behalf of Walter Coke, Inc. (Walter Coke), Terracon Consultants, Inc. (Terracon) has prepared Quarterly Progress Report #12 for the work completed July 1, 2015 to September 30, 2015 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 (JULY 1, 2014 THROUGH SEPTEMBER 30, 2015)**

#### **Corrective Measures Studies**

- Walter Coke received the *CMS Data Gap Sampling* letter from EPA dated July 17, 2015 requesting a field sampling work plan and Quality Assurance Project Plan (QAPP). The *Field Sampling and Analysis Work Plan* and *QAPP* were submitted to EPA on August 21, 2015.
- Walter Coke received draft comments on the *Field Sampling and Analysis Work Plan* and *QAPP* in an email from EPA dated September 25, 2015. The *Field Sampling and Analysis Work Plan (Revision 1)*, *Field Sampling and Analysis Addendum*, and *QAPP (Revision 1)* were submitted to EPA on October 9, 2015.
- Walter Coke received *Comments on Corrective Measures Study SMA 5 – Former Pig Iron Foundry* and *EPA Global Final Comments Applicable to all CMS Reports* letters from EPA dated August 26, 2015. Walter Coke submitted CMS for SMA 5 – Former Pig Iron Foundry (Revision 1.0) on September 30, 2015.



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Geotechnical

Environmental

Construction Materials

Facilities

### **Interim Measures**

- Hydraulic Control System was running during this reporting period. The volume of water recovered from July 1, 2015 through September 30, 2015 is 325,295 gallons.
- Groundwater level measurements and groundwater samples were collected from the monitoring wells in August 2015. These results will be reported to EPA in the next Annual Report which is due by August 30, 2016.

### **Vapor Intrusion**

- EPA sent a letter dated July 2, 2015 that the soil vapor monitoring points can be removed pursuant to the methodology in the Vapor Intrusion Work Plan. Terracon was able to get in touch with Mr. Eric Herrod on September 9, 2015. Mr. Herrod gave Terracon permission to remove the soil vapor points from his yard.

### **PROJECTED WORK FOR NEXT REPORTING PERIOD (OCTOBER 1, 2015 THROUGH DECEMBER 31, 2015)**

#### **Corrective Measures Studies**

- The Field Sampling and Analysis Work Plan (Revision 1), Field Sampling and Analysis Addendum, and QAPP (Revision 1) were submitted to EPA on October 9, 2015. We anticipate EPA approval of these documents during this quarter and anticipate initiation of sampling activities.

### **Interim Measures**

- Collect groundwater samples in November 2015.
- Continue to explore options to improve recovery system.

### **Vapor Intrusion**

- Sample port removal has been scheduled for October 14, 2015.

**Quarterly Progress Report #12 July-September 2015**

Walter Coke ■ Birmingham, Alabama

October 15, 2015 ■ Terracon Project No. E1127096



**CLOSING**

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

Sincerely,



A handwritten signature in black ink, which appears to read "Terrell W. Rippstein", is placed above the printed name.

Terrell W. Rippstein, AL-PG#8

Principal Geologist

Cc: Meredith Anderson – EPA Region 4  
Mr. Don Wiggins – Walter Coke  
Mr. Dan Grucza – Walter Energy  
ADEM