



January 15, 2013

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 #1 January 2013**  
**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 Ms. Anderson:

On behalf of Walter Coke, Inc. (Walter Coke), Terracon Consultants, Inc. (Terracon) has prepared Quarterly Progress Report #1 for the work completed September 24, 2012 to December 31, 2012 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 (SEPTEMBER 24, 2012 THROUGH DECEMBER 31, 2012)**

### **Interim Measures**

- Interim Measures (IM) Groundwater Sampling and Analysis (GWSA) Work Plan (WP) dated July 16, 2012
  - October 4, 2012 – Received EPA’s final comments on IM GWSA WP
  - October 10, 2012 – Walter Coke submitted IM GWSA WP (Revision 1.0) to EPA
- Vapor Intrusion Characterization (VIC) WP dated July 13, 2012
  - October 25, 2012 – Received EPA’s final comments on VIC WP
  - November 2, 2012 – Walter Coke submitted VIC WP (Revision 1.0) to EPA
- Site Specific Health and Safety Plan (HASP) dated October 9, 2012 was submitted to EPA during this period.
  - October 31, 2012 – Received EPA’s final comments on the HASP
  - November 9, 2012 – Walter Coke submitted HASP (Revision 1.0) to EPA
- December 7, 2012 – Received EPA letter dated December 4, 2012 approving the IM GWSA (Revision 1.0), VIC WP (Revision 1.0), and HASP (Revision 1.0)



Terracon Consultants, Inc. 110 12<sup>th</sup> Street North Birmingham, Alabama 35203  
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Geotechnical



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Construction Materials



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## Quarterly Progress Report #1 January 2013

Walter Coke ■ Birmingham, Alabama

January 15, 2013 ■ Terracon Project No. E1127096



- Hydraulic control wells CW-1, CW-3 through CW-6, and monitoring well MW-90 were installed from December 13 to December 19, 2012.
- Hydraulic control well CW-2 was drilled in December 2012; however, geologic formation issues prevented it from being completed in a manner consistent with the approved Work Plan.
- December 21, 2012 - Site access agreement sent to the attorney for the residence at 4081 FL Shuttlesworth Drive, Birmingham, AL 35207.

### **Community Involvement**

- Community Involvement Plan (CIP) dated October 24, 2012 was submitted to EPA during this period.
  - December 11, 2012 – Received EPA's final comments on the CIP
  - December 21, 2012 – Walter Coke submitted CIP (Revision 1.0) to EPA

### **Corrective Measures**

- December 3, 2012 - Walter Coke submitted a Risk Assessment Work Plan to EPA so that cleanup levels can be established for the CMS being conducted under the AOC.
- Began initial review of SWMUs and AOCs in SMA-1 and SMA-2 and evaluating potential remedial options.

### **PROJECTED WORK FOR NEXT REPORTING PERIOD (DECEMBER 31, 2012 THROUGH MARCH 31, 2013)**

#### **Interim Measures**

- Install hydraulic control well CW-2 after installation resolutions are settled with EPA.
- Hydraulic Control System will be installed and start up should occur near the end of the period or early the following reporting period.
- Pre-pumping groundwater monitoring will be conducted.
- Pre-pumping water levels will be collected.
- Vapor Intrusion monitoring will be performed once access is received from the property owners attorney.

### **Community Involvement**

- The CIP will be implemented after EPA approval.

**Corrective Measures**

- The CMS for SMA-1 is expected to be completed.

**CLOSING**

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

Sincerely,  
Terracon  inc.



Terrell W. Rippstein, AL-PG#8  
Principal Geologist

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