



April 10, 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 #2 April 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 #2 for the work completed January 1, 2013 to March 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 (JANUARY 1, 2013 THROUGH MARCH 31, 2013)**

### **Interim Measures**

- Hydraulic control well CW-2 was installed on February 5, 2013.
- Pumping tests were conducted to determine the well yields on the hydraulic control wells from February 4 through February 8, 2013, in order to size the pumps for the hydraulic control system.
- While conducting the pumping tests, it was discovered that wells CW-3 and CW-4 had caved in. These wells were over drilled and converted into 4-inch diameter PVC recovery wells in order to prevent future cave in. After completion of CW-3 and CW-4, pumping tests were conducted to determine their yield.
- Preconstruction Groundwater monitoring was conducted in January, February, and March 2013.
- System Installation began in March 2013 and we anticipate system startup will be in April 2013.



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Geotechnical



Environmental



Construction Materials



Facilities

## Quarterly Progress Report #1 January 2013

Walter Coke ■ Birmingham, Alabama

January 15, 2013 ■ Terracon Project No. E1127096



- Vapor Intrusion Work Plan site access agreement sent to the attorney for the residence at 4081 FL Shuttlesworth Drive, Birmingham, AL 35207. We have followed up with the attorney on December 21, 2012. We have followed up with the attorney and still have not received permission to proceed with the Vapor Intrusion Work Plan.

### **Community Involvement**

- Community Involvement Plan (CIP) (Revision 1.0) dated December 21, 2012 was submitted to EPA prior to this period this period.
  - January 25, 2013 – EPA approved the CIP (Revision 1.0).

### **Corrective Measures**

- December 3, 2012 - Walter Coke submitted a Risk Assessment Work Plan (RAWP) to EPA so that cleanup levels can be established for the CMS being conducted under the AOC.
  - February 8, 2013 – EPA provided final comments to the RAWP.
  - February 14, 2013 – Walter Coke submitted the RAWP (Revision 1.0).
  - March 6, 2013 – Walter Coke submitted the RAWP (Revision 1.1) to clarify several changes made in the RAWP (Revision 1.0).
  - March 15, 2013 – EPA approved the RAWP (Revision 1.1).
- March 6, 2013 - Walter Coke requested a 60-day extension for submittal of the CMS for SMA-1.
  - March 19, 2013 – EPA approved the Extension Request for the submittal of the CMS for SMA-1. The new due date for the CMS for SMA-1 is May 24, 2013.
- Terracon is preparing the CMS for SMA-1 and SMA-2 and evaluating potential remedial options.

### **PROJECTED WORK FOR NEXT REPORTING PERIOD (APRIL 1, 2013 THROUGH JUNE 30, 2013)**

#### **Interim Measures**

- Complete installation and start up the hydraulic control system.
- Pre-pumping groundwater monitoring will be conducted.
- Pre-pumping transducer study will be performed.
- Vapor Intrusion monitoring will be performed once permission to access is received from the property owners attorney.

#### **Corrective Measures**

- The CMS for SMA-1 is will be completed.

**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, P.G.#8  
Principal Geologist

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