



March 14, 2016

Via: Email and Regular Mail

Mr. Craig Zeller, P.E.  
Environmental Protection Agency  
61 Forsyth Street, S.W.  
Atlanta, GA 30303-8909

**Subj: Quarterly Progress Report  
Wright Chemical Corporation, Superfund Site  
Riegelwood, North Carolina  
EPA ID No. NCD024766719**

Dear Mr Zeller:

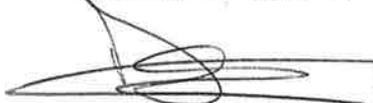
On behalf of Oak Bark Corporation and Koch Sulfur Products LLC (Respondents), in accordance with the Administrative Settlement Agreement and Order on Consent (AOC) For Remedial Investigation/Feasibility Study (RI/FS), specifically item number 47, as well as e-mail correspondence dated December 15<sup>th</sup> and 19<sup>th</sup>, 2014, please find attached a copy of the Quarterly Progress Report for the Wright Chemical Corporation site.

If you should have any questions or require additional information, please contact either of the undersigned at (704) 394-6913.

Respectfully yours,

*Shield Engineering, Inc.*

  
J. David Wallace, P.E.  
Sr. Project Engineer



David A. Stoner, P.G., P.E.  
Project Coordinator



cc: Mr. David Mattison, Mr. William Oakley, Mr. James Barker, Mr. Frank Van Ryn, Mr. Phil Conner, Mr. Ronald Bazinet, and Mr. James Reid- all by e-mail only.



Wright Chemical Corporation  
EPA ID # NCD024766719  
Superfund Site  
Quarterly  
Progress Report

Prepared by:



4301 Taggart Creek Road  
Charlotte, North Carolina 28208

March, 2016

**QUARTERLY PROGRESS REPORT**  
**Wright Chemical Corporation Superfund Site**  
**EPA ID # NCD024766719**  
**Administrative Settlement Agreement and Order on Consent (AOC) For Remedial**  
**Investigation/Feasibility Study (RI/FS)**

**Time Period: December 1, 2015 through February 29, 2016**

**1. Actions Taken to Comply with the AOC During This Period:**

- December 2, 2015 Shield's field crew collected ponded rainwater on top of the liner at the Monofill Cell.
- December 2-3, 2015 augered the borings to collect the sludge samples from within the Monofill Cell.
- December 2, 2015 repaired casings for both Monitoring Wells MW-3 and MW-13.
- December 2-22, 2015 soil borings were augered and soil samples collected from Study Area #2.
- December 14, 2015 liner samples were collected from both the top and bottom liners for the Monofill Cell; repairs made to bottom liner.
- December 16, 2015 liner samples shipped to testing laboratory.
- December 22, 2015 the two Monofill Cell stormwater samples were collected.
- December 23, 2015 repaired sample holes in the top liner of Monofill Cell.
- January 5-7, 2016 soil borings were augered and soil samples collected from Study Area #1.
- January 8-12, 2016 temporary monitoring wells MDB-1 through MDB-4 were drilled and installed at Monofill Cell.
- January 13, 2016 collected leachate sample from Monofill Cell leachate collection system.
- January 13, 2016 purged temporary wells at Monofill Cell and collected groundwater samples from these four wells.
- January 14-19, 2016 soil borings were augered and soil samples collected from Study Area #3.
- January 19-20, 2016 soil borings were augered and soil samples collected from Study Area #4.
- January 20, 2016 conducted scans at proposed sampling locations in Study Area #6 for radioactivity.
- January 20-27, 2016 soil borings were augered and soil samples collected from Study Area #6.
- January 28- February 27, 2016 conducted surveying for both control points at the site and the monitoring wells across the site.
- January 28 - February 3, 2016 developed 27 unused monitoring wells proposed for groundwater sampling at the site.
- February 4 - 29, 2016 low-flow sampling of 35 monitoring wells was conducted across the site (NOTE: 2 more monitoring wells and Water Supply Well[s] to be sampled).

## 2. Sampling and Test Results Received:

- Nine outfall stormwater samples collected and submitted to the analytical laboratory through February 29, 2016.
- 165 soil samples collected and submitted to the analytical laboratory through February 29, 2016.
- Thirteen Monofill Cell samples (4 sludge; 2 ponded water on top liner; 1 leachate sample; 2 stormwater; 4 groundwater) collected and submitted to the analytical laboratory through February 29, 2016.
- Soil testing samples collected from three geotechnical borings and submitted to soil testing laboratory.
- 34 groundwater samples collected and submitted to the analytical laboratory through February 29, 2016.
- 32 trip blank and 34 rinse blank samples submitted to the laboratory through February 29, 2016.
- 23 spilt and duplicate samples submitted to the laboratory through February 29, 2016.
- 23 samples (water and soil) are being analyzed and reported by the analytical laboratory with Level IV data packages.
- Laboratory analytical results received for 120 soil sampling locations through February 29, 2016.
- Laboratory analytical results received for 9 outfall sampling locations through February 29, 2016.
- Monofill Cell Liner test results received for top and bottom liners.
- Monofill Cell analytical results received for thirteen Monofill Cell samples.
- Monofill Cell berm soil testing results have been received, except for the consolidation test results.
- Laboratory analytical results received for 18 monitoring wells and 1 water supply well through February 29, 2016.

## 3. Work Planned for the Next Three Months:

- Finish the sampling of the groundwater monitoring wells at the site.
- Use GPS to locate soil boring sampling locations at the site.
- Abandon the temporary monitoring wells at the Monofill Cell.
- Submit Monofill Cell Letter Report of Removal Assessment (April-May) 30 days after receipt of pending analytical results.
- Set up surface water monitoring system (April - May).
- Surface water and sediment sampling Study Area 5 (April - May).
- Finish Phase 1 sampling, break down of surface water monitoring and demobilization (May).

## 4. Problems, Delays, and Solutions:

- Completion of the "Implementation of the Monofill Assessment Work Plan" took approximately three weeks longer than scheduled as we wanted to acquire several sets of groundwater measurements from the Monofill wells, review the laboratory

analytical results for the groundwater samples collected from these wells before abandonment, and then complete the final abandonment of the Monofill wells.

- The planned set up for the surface-water monitors in the creeks remains on-hold due to the elevated water levels in the creeks. A cursory review of water levels over the past five winters indicates that this winter has experienced the highest water levels in this area since the 2010 winter. Our current plan is to conduct the surface water and sediment sampling in conjunction with setting the surface-water monitors sometime this spring (May or June), depending on water levels.