

Ms. Carol C. Minsk Project Manager

Mr. Lucas Berresford Engineering Associate Division of Site Assessment and Remediation South Carolina Department of Health and Environmental Control 2600 Bull Street Columbia, South Carolina 29201

Subject: Monthly Progress Report – July 2009 AVX Corporation – Myrtle Beach Facility 801 17<sup>th</sup> Avenue South Horry County, Myrtle Beach, South Carolina SCD 062 690 557

Dear Ms. Minsk and Mr. Berresford:

On behalf of AVX Corporation (AVX), ARCADIS respectfully submits five copies of the Monthly Progress Report for July 2009 to the South Carolina Department of Health and Environmental Control (SCDHEC) for the AVX site located at 801 17<sup>th</sup> Avenue South in Horry County, Myrtle Beach, South Carolina (site).

## **Activities Performed During This Reporting Period**

The following activities were performed by AVX or ARCADIS during this reporting period:

- Finalized the field implementation plan for the enhanced reductive dechlorination (ERD) pilot test.
- Obtained a final Underground Injection Control permit approval.
- Updated the Health and Safety Plan.
- Contracted with specialty laboratory for analysis of dissolved gases.

ARCADIS One Adams Place 310 Seven Fields Blvd. Suite 210 Seven Fields Pennsylvania 16046 Tel 724.742.9180 Fax 724.742.9189 www.arcadis-us.com

Date: September 4, 2009

Contact: Mark B. Hanish

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Our ref: B0007393.0000

## Imagine the result

## ARCADIS

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- Obtained final approval from the City of Myrtle Beach for use of water from the nearest fire hydrant.
- Made final preparations and mobilized for implementation of the ERD pilot test.
- Performed baseline sampling prior to field implementation of the ERD pilot test.
- Implemented the ERD pilot test.
- Met with SCDHEC Bureau of Water personnel during startup of the ERD pilot test.
- Developed an asbestos abatement and demolition specification for the PDG Building.
- Finalized the Pre-Demolition Survey Report.
- Developed a strategy for future demolition activities.
- Made final revisions to the design layout, process and instrumentation diagrams, and electrical one-line diagram for the air stripper.
- Obtained the air stripper "like-for-like" replacement approvals from the SCDHEC Bureau or Air and Bureau of Water.
- Prepared an Operation and Maintenance Plan for the air stripper.
- Contracted vendors and coordinated delivery of equipment and supplies for the installation of the air stripper.
- Met at the site and made final preparations for installation activities for the air stripper.
- Obtained an air stripper metals sequestering agent pilot test approval from the SCDHEC Bureau of Water.



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## Activities Planned for the Next Reporting Period

The following activities are expected to occur during the next reporting period:

- Perform post-injection monitoring of the ERD pilot test.
- Begin evaluation of the ERD post-injection monitoring data.
- Begin pre-design investigation planning to fill data gaps for design of a fullscale groundwater remediation system.
- Begin planning for the next ERD pilot test injection event.
- Perform final soil gas exposure calculations requested by the SCDHEC.
- Continue planning for demolition of the PDG Building.
- Install and start up the replacement air stripper.
- Begin the metals sequestration pilot test program.

If you have any questions, please contact me at 724.742.9180, ext. 518.

Respectfully,

Mark B. Hanish Project Manager

Copies:

Ms. Myra Reece, South Carolina Department of Health and Environmental Control Mr. Larry Ragsdale, South Carolina Department of Health and Environmental Control Mr. Larry Blue CHMM, REM, AVX Corporation Mr. William B. Popham, ARCADIS