



AECOM  
1600 Perimeter Park Drive, Suite 400  
Raleigh, NC 27560

919- 461-1426 tel  
919-461-1415 fax

May 11, 2016

Ms. Beverly Stepter  
U.S. Environmental Protection Agency  
Region IV  
61 Forsyth Street, SW  
Atlanta, GA 30303-8960

**Subject: Monthly Report for Activities Performed in April 2016  
JFD Electronics/Channel Master NPL Site, Oxford, North Carolina**

Dear Ms. Stepter,

On behalf of JFD Electronics Corporation and CMSS, Inc., AECOM Technical Services of North Carolina, Inc. (AECOM) is submitting the monthly status report for the above referenced facility. Should you have questions or require additional information, please contact Nanjun Shetty at (919) 239-7148 or William Doucette at (919) 780-8058.

Yours sincerely,

Nanjun V. Shetty, P.E.  
Project Manager

William H. Doucette, Jr., Ph.D., L.G.  
Project Coordinator for the Responsible  
Parties

Copy:

S. Kempf, Unimax Corporation  
Darrel Jackson, Avnet, Inc.  
S. Earp, Smith Moore Leatherwood  
D. Mattison, NCDENR

## JFD Electronics/Channel Master NPL Site Oxford, North Carolina

Prepared by: Nanjun Shetty, P.E. – Project Manager, May 11, 2016

### Activities in April 2016

#### Groundwater Remedial Action Implementation

- As the flowmeter for well PW-4 was not working properly, a new flow meter was installed on April 4, 2016. In addition, passive diffusion bags were installed in wells CMMW17, CMMW23D and CMMW37 during this visit.
- AECOM's subcontractor performed the routine operation and maintenance of the groundwater remediation system on April 28, 2016. The system was operating normally. In addition, April 2016 semi-annual groundwater sampling was performed during this visit.
- AECOM continued to calibrate the groundwater flow model to estimate the capture zones of the recovery wells.
- AECOM began preparing a site assessment report of data collected from the additional investigations at the site.
- AECOM has requested approval from the Responsible Parties to perform human health risk screening associated with exposure to hexavalent chromium and cyanide concentrations in post-excavation confirmation soil/sludge samples collected at the former Sludge Drying Beds at the at site as discussed with NCDEQ and USEPA representatives on March 31, 2016.

### Activities Planned for May through August 2016

- The current schedule for various tasks is summarized below:

Task Description	Planned Schedule (as of 5/10/2016)
Monthly O&M	May 2016
Discuss with Responsible Parties regarding the Land Use Restrictions required in the AROD	May/June 2016
Prepare a semiannual monitoring report for the groundwater samples collected in April 2016	June/July 2016
Prepare a draft capture zone modeling	June/July 2016
Meeting with USEPA and Black & Veach to discuss management of the comingled plume (plume from Cristex and JFD Electronics/Channel	June 2016
Receive approval from Responsible Parties to meet with USEPA to discuss management of comingled plumes	May 2016
Groundwater Investigation and Modeling Report	July/August 2016
Risk Evaluation of free-cyanide and hexavalent chromium in sludge drying bed areas	June/July 2016