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DuPont Engineering

February 20, 2008

Ms. Pamela Molitor, Remedial Project Manager  
Remedial Response Section 6 (SR-6J)  
United States Environmental Protection Agency, Region 5  
77 West Jackson Blvd.  
Chicago, IL 60604

Subject: MONTHLY PROGRESS REPORT (JANUARY 2008)  
FOR FORMER PETERS CARTRIDGE COMPANY SITE  
(CERCLA DOCKET NO. V-W-04-C-792)

Dear Ms. Molitor,

This monthly progress report documents activities related to the Remedial Investigation/Feasibility Study (RI/FS) at the Former Peters Cartridge Company Site in Warren County, Ohio (the Site). Monthly Progress Reports for the Site are prepared and submitted pursuant to Paragraph 40 in the Administrative Order on Consent (AOC, effective July 14, 2004), and the September 21, 2004 correspondence from the United States Environmental Protection Agency (USEPA). The activities completed during January 2008 and proposed for February 2008 are outlined below.

### **Project Activities Completed**

DuPont received USEPA comments on the September 2007 Remedial Investigation Report (RIR) in a letter dated November 20, 2007. In a letter dated December 21, 2007 Geosyntec Consultants, on behalf of DuPont, responded to these comments, proposed a Baseline Ecological Risk Assessment (BERA), and presented a framework for the BERA. DuPont and USEPA discussed the proposed BERA framework during a conference call held on January 14, 2008.

Three additional sediment samples (PET-E-AOC9-017, PET-E-AOC9-018, and PET-E-AOC9-019) were collected from the unnamed creek between AOC9-005 and AOC9-006, which is located east of Grandin Road (off-site). These samples were collected during the week of January 21, 2008 in accordance with the March 2005 Field Sampling Plan and the March 2005 Quality Assurance Project Plan. DuPont agreed to collect these samples based on the USEPA comments presented during the January 14, 2008 conference call. The sediment sampling results will be evaluated in the BERA and will also be presented in the Revised RIR.

DuPont received USEPA comments on the proposed BERA framework in a letter dated January 15, 2008. DuPont responded to these comments in a letter dated February 5, 2008.

DuPont is preparing an Interim Remedial Measures (IRM) Work Plan for the removal of debris/fill that was identified in Area of Concern (AOC) 9. DuPont conducted a one day test pit investigation in support of the work plan development to determine the vertical extent of the debris/fill and to collect waste characterization samples to be used to classify the debris/fill for disposal. The field work associated with the test pit investigation occurred on January 23, 2008. Four waste characterization samples (PET-V-IRM9-WC1, PET-V-IRM9-WC2, PET-V-IRM9-WC3, and PET-V-IRM9-WC4) were collected during the test pit investigation.

While conducting the test pit investigation in AOC 9, water began discharging from the 18-inch diameter outfall that is located at the southern end of AOC 9, near the southern edge of the Site. DuPont decided to collect a water sample (PET-W-BSW-008) from the outfall and this sample is being analyzed for polynuclear aromatic hydrocarbons (PAHs) and metals. This sample is being treated as a background sample and will be used to evaluate the quality of water being discharged into AOC 9 from the Warren County Property. According to Warren County personnel, the outfall is connected to a “clear well” located at the adjacent potable water treatment plant. The clear well contains potable treated water. Warren County personnel indicated that the water discharged on January 23, 2008 may be related to construction activities that were occurring in the area of the clear well.

### **Analytical Data**

DuPont has not yet received final analytical results for the sediment samples, background surface water sample, and AOC 9 waste characterization samples.

### **Proposed Project Activities**

DuPont is preparing the IRM Work Plan for the removal of debris/fill that was identified in AOC 9. DuPont has also begun preparing the BERA and revising the September 2007 Screening Level Ecological Risk Assessment (SLERA).

Pamela Molitor, Remedial Project Manager  
United States Environmental Protection Agency, Region 5  
February 20, 2008

If you have questions regarding the information discussed herein, please do not hesitate to contact me at (302) 892-8035.

Sincerely,

  
*for*

Sathya V. Yalvigi  
Project Director

CC: Terrence W. Stanuch, US Environmental Protection Agency  
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Susan Hill, GeoSyntec Consultants  
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