



## **TETRA TECH, INC.**

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March 10, 2005

Mr. William Kutash  
Waste Management Administrator  
Florida Department of Environmental Protection  
Southwest District Office  
3804 Coconut Palm Drive  
Tampa, Florida 33619-8318

Subject: Interim Data Report  
Supplemental Site Assessment  
Former American Beryllium Company Site  
Tallevast, Florida

Dear Mr. Kutash:

On behalf of Lockheed Martin Corporation (LMC), Tetra Tech, Inc (Tetra Tech) is submitting this Interim Data Report for the former American Beryllium Company (ABC) Site located at 1600 Tallevast Road in Tallevast, Florida. This report provides a summary of the additional field activities conducted at the ABC site subsequent to submittal of the Site Assessment Report Addendum dated February 1, 2005.

### **Additional Assessment Activities**

As per previous discussions between LMC and representatives of the Florida Department of Environmental Protection (FDEP), additional assessment activities were conducted at the former ABC site subsequent to submittal of the SARA. All assessment activities were performed in accordance with the FDEP approved Site Assessment Plan Addendum dated October 2004. The following activities were performed during the additional assessment:

1. Installed four additional soil borings (RS-24 through RS-27) in the Intermediate Aquifer System (IAS)
2. Conducted packer tests at select intervals at each of the IAS borings to determine aquifer characteristics.
3. Collected groundwater samples from discrete intervals at each of the IAS borings for analysis by an on-site mobile laboratory.
4. Installed four monitoring wells in the IAS.
5. Installed three monitoring wells in the Upper Surficial Aquifer System (USAS).
6. Installed three monitoring wells in the Lower Surficial Aquifer System (LSAS).
7. Collected groundwater samples from the four new IAS monitoring wells and the six new SAS monitoring wells.

The laboratory analytical results from the additional assessment activities have been summarized on tables and plotted on site maps. The following tables and figures are provided as attachments:

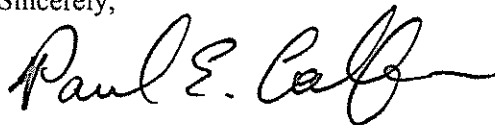
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- Table 1 – Monitoring Well Construction Data
- Table 2 – Mobile Laboratory Results for the Intermediate Aquifer System
- Table 3 – Fixed-Base Laboratory Results for the Surficial Aquifer System
- Table 4 – Fixed-Base Laboratory Results for the Intermediate Aquifer System
- Figure 1 - TCE Concentrations in the Upper Surficial Aquifer System
- Figure 2 - PCE Concentrations in the Upper Surficial Aquifer System
- Figure 3 - 1,1-DCA Concentrations in the Upper Surficial Aquifer System
- Figure 4 - 1,1-DCE Concentrations in the Upper Surficial Aquifer System
- Figure 5 - cis 1,2-DCE Concentrations in the Upper Surficial Aquifer System
- Figure 6 - 1,4-Dioxane Concentrations in the Upper Surficial Aquifer System
- Figure 7 - TCE Concentrations in the Lower Surficial Aquifer System
- Figure 8 - PCE Concentrations in the Lower Surficial Aquifer System
- Figure 9 - 1,1-DCA Concentrations in the Lower Surficial Aquifer System
- Figure 10 - 1,1-DCE Concentrations in the Lower Surficial Aquifer System
- Figure 11 - cis 1,2-DCE Concentrations in the Lower Surficial Aquifer System
- Figure 12 - 1,4-Dioxane Concentrations in the Lower Surficial Aquifer System
- Figure 13 - TCE Concentrations in the Intermediate Aquifer System
- Figure 14 - 1,1-DCE Concentrations in the Intermediate Aquifer System

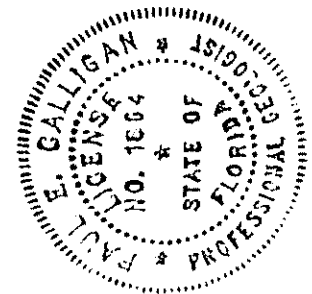
The results presented on the attached tables and figures indicate that additional assessment is required to further delineate the dissolved contaminant plume. The additional assessment activities are scheduled to begin on March 14, 2004. As previously discussed with the FDEP, the additional assessment activities will involve the installation of eight additional monitoring wells in the SAS and one additional monitoring well in the IAS. Upon completion of the additional assessment, a Site Assessment Report Addendum (SARA) II will be prepared and submitted to the FDEP. The SARA II will summarize the results of all of the additional assessment activities conducted since the original SARA was submitted on February 1, 2005. The anticipated submittal date for the SARA II is April 15, 2005.

If you have any questions or require additional information please feel free to contact Ron Helgerson with Lockheed Martin Corporation at (301) 214-9968.

Sincerely,



Paul E. Calligan, P.G.  
Project Manager  
Florida License No. PG-0001864  
Date: March 10, 2005



cc: Ron Helgerson, LMC  
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