



December 27, 2011

Mr. Richard W. Hull  
Remedial Project Manager  
NH/RI Superfund Section  
US Environmental Protection Agency (US EPA)  
5 Post Office Square, Suite 100  
Boston, MA 02109-3912

**Superfund Records Center**

**SITE:** Savage Wells  
**BREAK:** 7.2  
**OTHER:** S01491

Re: Sampling and Analysis Plan (SAP)  
Shallow Groundwater Quality Assessment  
Savage Well Superfund Site, Operable Unit-2 (OU-2)

Dear Mr. Hull:

On behalf of Hitchiner Manufacturing Company, Inc. and Thomas & Betts Corporation (Settling Parties), Gradient is submitting this revised final SAP for the shallow groundwater quality assessment to be implemented at the OU-2 portion of the Savage Well Superfund Site located in Milford, New Hampshire ("Site"). The first round of sampling is scheduled to commence on Thursday, December 29, 2011. This revised SAP reflects the US EPA's recommendations outlined in your e-mail dated December 27, 2011.

The proposed sampling plan includes the following tasks:

- One week before the sampling event, the six sampling locations were located in the field, marked, and Dig Safe was notified. Based on previous experience in this area, a private utility locator was also contracted, because sewer and water line locations are poorly documented in the public records.
- After the locations have received utility clearance, shallow groundwater samples will be collected from the six locations located within the roadways as depicted in Figure 1. There will be two sampling rounds; one in December 2011 and the other in the spring of 2012. During each round a Geoprobe® SP 15 groundwater sampler, or comparable equipment, will be advanced to the water table where the groundwater samples will be collected. The sampling screen will be set at a depth of 3 to 5 feet below the water table such that the screen intersects the water table enough to collect a representative water table sample.
- Prior to collecting the sample three sampler volumes will be purged using a peristaltic pump. Once three sampler volumes have been purged the sample will be collected under low pumping rates. After each sample is collected the hole will be sealed with concrete and asphalt, marked on the road surface, and the coordinates for the location will be logged using a GPS. The sampling apparatus will be decontaminated before moving to the next location using Alconox detergent. Samples collected during the spring 2012 sampling round will be located adjacent to, and/or within a 1-foot radius of, the December 2011 sampling locations.
- Groundwater samples will be analyzed for VOCs using US EPA method 8260C and submitted to Alpha Woods Hole Laboratories of Westborough, Massachusetts. The laboratory will report data to 0.1 µg/l for tetrachloroethylene (PCE). Quality control (QC) samples will be collected during each sampling round, in accordance with the



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Quality Assurance Project Plan (QAPP) for OU-2 (Gradient, 2003), and will include one each of the following:

- ▶ (1) duplicate sample, (2) trip blank, (3) field blank, and (4) equipment blank.
- A brief letter report will be prepared to and submitted to the US EPA following each sampling event, which will include all field data sheets and laboratory analytical results.

Please let me know if you have any questions or feedback on this SAP, or if you need any additional information.

Yours truly,

GRADIENT



Neal C. Grasso, MS, P.G.  
Senior Geologist

- CC: M. Sharma  
R. Mongeon  
B. Rand  
G. Smith  
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