

October 16, 2007

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Mr. Thomas Festa  
New York State Department of Environmental Conservation  
Remedial Bureau, E 12<sup>th</sup> Floor  
625 Broadway  
Albany, NY 12233-7017

**Subject: Stauffer – Old Taylor Farm Site  
Well Decommissioning and Site Restoration Work Plan  
Registry No. 706011**

Dear Mr. Festa:

Shaw Environmental, Inc. on behalf of Stauffer Management Company, LLC. (SMC) is pleased to provide this work plan addressing the well decommissioning and site restoration for the SMC Old Taylor Farm Site. The work scope discussed herein outlines the proposed work tasks necessary to decommission the existing monitoring wells and perform site restoration as requested in the New York State Department of Environmental Conservation (NYSDEC) comment letter dated September 18, 2007. Upon completion of the well decommissioning and Site restoration, a summary letter report will be submitted to the NYSDEC requesting that the site be de-listed from the Registry of Inactive Hazardous Waste Sites as outlined in the NYSDEC's September 18, 2007 correspondence.

## **WORK SCOPE**

### **Task 1 – Decommissioning of the Existing Monitoring Wells**

Parratt-Wolff will “over-drill” eight 2” diameter monitoring wells and eleven 4” diameter monitoring wells using hollow stem augers. The wells will be over-drilled according to procedures outlined in the NYSDEC Groundwater Monitoring Well Decommissioning Procedures dated October 1996.

### *Overburden Monitoring Wells*

As outlined in the NYSDEC procedures manual, an expandable j-plug or other suitable well cap will be used to prevent the introduction of soil or cuttings into the well; this will ensure the emplacement of a continuous grout column. The over-drilling will proceed through the original bore depth by a distance of 0.5 feet to ensure the complete removal of the construction materials. Once the drilling is complete, the screen, casing and protective “stick-ups” will be removed. The bore hole will be back-filled with soil produced during drilling activities and grouted in place using a standard grout mixture consisting of portland cement and bentonite. The grout will be emplaced in the borehole from the bottom to the top using a tremie pipe of not less than one inch in diameter. Grout will be introduced into the borehole until the grout appears at the ground surface. The augers will be removed from the hole when the grout has cured or stabilized. As each section is removed, grout will be added to keep the level between 0-feet and 5-feet below land surface. Associated well materials and debris will be drummed and disposed of by a licensed disposal company at an approved location (anticipated to be Waste Management, High Acres, or Seneca Meadows).

### *Bedrock Monitoring Wells*

Prior to any over drilling procedures, the depth of the well will be measured to determine if any silt or debris has plugged the well. If the well is clogged with silt/debris, the well will be flushed out to remove the silt and/or debris. The borehole will then be tremie grouted from the bottom of the well to the top of bedrock to ensure a continuous grout column. Once complete the well will be decommissioned according to the procedures outlined above.

### **Task 2 – Site Restoration**

Upon completion of well decommissioning the Site will be graded and seeded by Abscope personnel.

The Site restoration will be completed according to the procedures outlined in the NYSDEC Groundwater Monitoring Well Decommissioning Procedures dated October 1996. The area around the borehole will be graded and filled with a material appropriate to the intended use of the land, in this case soil. The surface of the borehole will be restored to the condition of the area surrounding the borehole (e.g. surface grade). The gate will also be removed, graded and

re-seeded using a seed mixture physically similar to the surrounding property (if requested by Resident G).

### **Task 3–Culligan Systems**

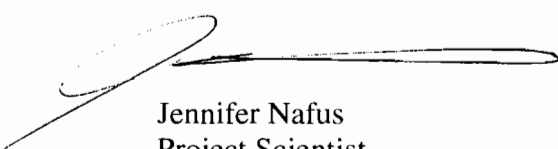
Stauffer Management Company will discontinue maintenance and monitoring of the Culligan Water Treatment Systems as outlined and approved in the September 18, 2007 correspondence from the NYSDEC. Any additional maintenance or monitoring of these systems will no longer be paid by SMC. A letter has been sent to each homeowner informing him or her of this change. As outlined in the correspondence, the homeowner has the option to continue to use these systems, at their own expense, under an agreement with Culligan Water Systems of Syracuse (Culligan), or to contact Culligan to have their water treatment systems removed. The contact information for Culligan was included with the systems.

### **Task 4 – Summary Letter**

Once monitoring well decommissioning and site restoration procedures have been completed, a summary letter will be submitted to the NYSDEC outlining the work completed and requesting the Site removed from the Registry of Inactive Hazardous Waste Sites.

We trust that this work plan meets with your approval. This work plan will be scheduled immediately upon receipt of an approval letter and we will notify you of site decommissioning dates.

Sincerely,  
**Shaw Environmental, Inc.**



Jennifer Nafus  
Project Scientist



David C. Stoll, P.G.  
Senior Project Manager/Hydrogeologist

cc: Dolores Tuohy, Esq., NYSDEC  
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