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**To:** "Lardiere, Eric" <elardiere@wkr.com>  
**Date:** Wed, Dec 21, 2005 3:54 PM  
**Subject:** November Project Status Report

Attached is the Whittaker Project Status Report describing November 2005 activities.

Please let me know if you have any questions or would like additional information regarding the project activities.

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**ENVIROCARE** OF UTAH, LLC

SAFE AND SECURE

## WHITTAKER DECOMMISSIONING PROJECT

**Date:** December 20, 2005

**To:** E. Lardiere

**Cc:** L. Geraci, R. Pennifill, E. Doubleday, L. Penney, J. Kotton (USNRC), Marjorie McLaughlin (USNRC), R. Maier (PABRP), B. Werner (PABRP), R. Woods (PABRP), P. Horkman, K. Taylor, G. Toumey, L. Czyz

**From:** Richard Moss, CSP  
Project Manager, Whittaker Decommissioning Project

**Subject:** Project Status Report November 2005

### Major Activities

Site activity during November concentrated on the completion of the site stabilization measures and the temporary demobilization. The site was secured and vacated for the winter on Friday November 18.

All heavy equipment was successfully decontaminated, surveyed, free released in accordance with NRC Reg Guide 1.86. and returned to the earthmoving equipment supplier. Also as part of the demobilization program all survey meters, instrumentation and radiological calibration sources were packaged and returned to the New Milford CT location.

### Present Site Status

There are three areas of contaminated slag remaining on the site and adjacent property:

1. Approximately 4500 tons of LLRW resides on the Section 3 pad for disposition in 2006. This material is a mix of contaminated soil fines and slag. Radiological sampling with the ISOCS indicated actinium levels at 30-50 pci/g average with samples as high as 90 pci/g.
2. Additional pockets of contaminated slag reside at the southern end and southwest corner of Section 2 at a depth of ~20 feet below the original grade. The area at the southwest corner, which slopes south from the GMI property line, will be more efficiently excavated from GMI property and will be addressed in 2006 with an Access Agreement. Additional contaminated material lies just below the surface near the bank of the Shenango River at the southeast corner of Section 2. The volume of LLRW in these pockets is unknown, although their deep location within the disposal site would indicate that it is likely less than 1,000 tons in each pocket.



3. As you know, an unknown quantity of contaminated material appears to reside on the Greenville Metals Inc. property, based on findings at the property line. There is no characterization data of the GMI property to permit a firm quantity estimate at this time. Work in this area will be preceded with a detailed Characterization Plan and a corresponding Work Plan based on the findings.

Environmental characterization of the approximately 8,000 tons of stockpiled soil has shown that it meets the PADEP Clean Fill Policy for use onsite, as we intend. The extensive SW846 analysis revealed elevated cadmium, which met the acceptable criteria for use under subsequent TCLP analysis.

**Other Site Activities:**

1. Groundwater monitoring was conducted in accordance with the Radiological Material License requirements. Results of the well data sampling were reported to the NRC in late November.
2. The Revised Final Status Survey Plan (FSSP) for Section 2 was submitted to the NRC on 11/30/05. The revised plan was prepared to address NRC comments regarding the Whittaker Corporation's request for amendment to License No. SMA-1018.
3. Fenceline radiological surveys were conducted weekly through 11/11/05.

**Planned January 2006 Activities:**

1. A revised D-Plan will be issued in January, incorporating the 2006 site operations schedule and methodology to address the GMI property.
2. A Characterization Plan and Work Plan will be issued in January to address the GMI property.

We are anticipating remobilization in mid-March, pending the weather related site conditions. This will be reflected in the site operations schedule to be distributed in January.

Please let me know if you have any questions or require additional information regarding these activities.

And most importantly, have a happy and safe New Years.