

**From:** "Rich Moss" <rmos@scientech.com>  
**To:** "Eric Lardiere" <elardiere@wkr.com>  
**Date:** Tue, Sep 20, 2005 2:16 PM  
**Subject:** Whittaker Project Status Report Aug-05

BlankAttached is the Whittaker Project Status Report describing August 2005 activities. Please let me know if you have any questions or would like additional information regarding the project activities.

Rich

Richard D. Moss CSP  
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(b)(6)

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## WHITTAKER DECOMMISSIONING PROJECT

**Date:** September 19, 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 August 2005

Site activity during June continued to focus primarily on excavation and extraction of contaminated material in Section 2 of the property. We have addressed approximately 95% of the volume, or about 20,200 tons of material, through the end of August, extracting approximately 5300 tons of LLRW from this material. At this time, our estimate for total LLRW within the property boundary remains at approximately 5,700 tons.

Also during August, arrangements were made to ship the LLRW to Envirocare of Utah for disposal. This alternative was pursued as delays and uncertainty continued regarding State of Texas (TCEQ) acceptance of the material license amendment to permit disposal of the blended LLRW at WCS in Texas. Secondly, the alternative disposal site will receive non-blended material at an acceptable disposal rate thereby eliminating the equipment and labor costs associated with the crushing and blending operation. Trans-loading arrangements are largely the same.

### Other Site Activities:

1. Fenceline radiological surveys have been conducted weekly.
2. Onsite radiological analysis has begun on the soil collected from the screening operation. The soil stockpile comprises 6 to 8 thousand tons that will be used as backfill for the restoration of Section 2. Scientech is using an ISOCs with extensive volumetric sampling in accordance with a MARSSIM statistical methodology. Environmental sampling is being conducted to confirm compliance with the PADEP Clean Fill Policy (April 2004). Both the radiological and environmental sampling of the backfill will be concluded by early October 2005.

### Planned Activities:

September will be utilized to ship material from the site for disposal. We are planning to ship 50 truckloads per week. This will equate to approximately 1050 tons on 10 gondola railcar shipments from the Alaron Corp. transload facility to Envirocare of Utah. The extensive material profile database, manifest information and DOT classification requirements were established during August in coordination with MHF Logistics, Alaron and Envirocare.

The remaining portions of Section 2 that are presently accessible will be excavated. A small area at the extreme southwest corner of Section 2, adjoining Section 4 requires access from Greenville Metals property and will be addressed in 2006 pending completion of the property access agreement. Refer to Figure 1 below.

Representative photos of site operations are shown on the following page. Please let me know if you have any questions or require additional information regarding these activities.

**Figure 1**



This is a view of the southwest corner of Section 2 as it borders Section 4, at the left, and the Greenville Metals property at the fence. To access the small area beyond this point, the fence will need to be temporarily repositioned. This work is planned for 2<sup>nd</sup> quarter 2006. This picture was taken from the bottom of the excavation, approximately 20 feet below the original grade, at the southern boundary of Section 2.

**Figure 2**



Metal debris is separated from the slag during the screening process. This debris, due to the irregular shapes, and in most instances the inaccessibility to potentially contaminated surfaces, will be staged for LLRW disposal.