

From: Rich Moss <rmoss@SCIENTECH.COM>
To: Eric Lardiere <ELardiere@wkr.com>
Date: Fri, Jul 8, 2005 2:36 PM
Subject: Whittaker Project Status Report June 2005

The attached report describes the project activities conducted by Scientech during June 2005.

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

Regards,
Rich

--
Richard D. Moss CSP
Project Manager, Radiological Decommissioning Services
Scientech Inc.
143 West St.
New Milford, CT 06776
Office: 860.210.3067

(b)(6)

Confidentiality Notice: The information contained in this message is intended only for the use of the addressee, and may be confidential and/or privileged. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. So there.

CC: Roger Pennifill <Roger.Pennifill@AIG.com>, Leonard Geraci <Leonard.Geraci@AIG.com>, Jim Kotton <jjk@nrc.gov>, Marjorie McLaughlin <mmm3@nrc.gov>, Robert Maiers <rmaiers@state.pa.us>, Bryan Werner <brwerner@state.pa.us>, Roy Woods <RoWoods@state.pa.us>, Ashley Wilson <awilson@wkr.com>, Lee Penney <lpenney@SCIENTECH.COM>, Ed Doubleday <edoubleday@SCIENTECH.COM>, Jerry Toumey <gtoumey@SCIENTECH.COM>, Patrick Horkman <phorkman@SCIENTECH.COM>, Lori Cxyz <lcxyz@SCIENTECH.COM>

B/8

Information in this record was deleted
in accordance with the Freedom of Information
Act, exemptions 6
FOIA- 2008-0068

Mail Envelope Properties (42CEC754.9E2 : 17 : 47586)

Subject: Whittaker Project Status Report June 2005
Creation Date Fri, Jul 8, 2005 2:33 PM
From: Rich Moss <rmos@SCIENTECH.COM>
Created By: rmos@SCIENTECH.COM

Recipients

nrc.gov
kpl_po.KP_DO
JKK CC (James Kottan)
MMM3 CC (Marjorie McLaughlin)

SCIENTECH.COM

lczyn CC (Lori Czyz)
phorkman CC (Patrick Horkman)
gtoumey CC (Jerry Toumey)
edoubleday CC (Ed Doubleday)
lpenney CC (Lee Penney)

wkr.com

awilson CC (Ashley Wilson)
ELardiere (Eric Lardiere)

state.pa.us

RoWoods CC (Roy Woods)
brwerner CC (Bryan Werner)
rmaiers CC (Robert Maiers)

AIG.com

Leonard.Geraci CC (Leonard Geraci)
Roger.Pennifill CC (Roger Pennifill)

Post Office

kpl_po.KP_DO

Route

nrc.gov
SCIENTECH.COM
wkr.com
state.pa.us
AIG.com

Files	Size	Date & Time
MESSAGE	822	Friday, July 8, 2005 2:33 PM
Whittaker Project Status_7-09-05.doc		2031616

Mime.822 2787000

Options

Expiration Date: None
Priority: Standard
ReplyRequested: No
Return Notification: None

Concealed Subject: No
Security: Standard

WHITTAKER DECOMMISSIONING PROJECT

Date: July 9, 2005

To: E. Lardiere

Cc: L. Geraci, R. Pennifill, A. Wilson, 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 June 2005

Site activity during June continued to focus primarily on excavation and extraction of contaminated material within Section 2. Of the estimated 23,000 tons of slag residing in Section 2, we have addressed approximately 75%, or 17,250 tons through the end of June. From this excavated volume we have isolated approximately 2,200 tons of LLRW. Our estimate for total LLRW within the Whittaker property boundary remains at 6,000 tons.

Generally, excavated material that exceeds the approved DCGL, and is therefore potential LLRW, consists of a soil/slag composite (see Fig 1 following page). The constituent soil is virtually always found to be uncontaminated. Therefore, the process for isolating the LLRW includes excavation, radiological survey analysis and least 2 iterations of physical screening of the slag/soil mixture. By selecting efficient screen sizes (there are 4 sizes currently used depending on the slag and slag consistency) the actual volume of LLRW may be reduced by 60%-70% from the originally excavated volume. The large volume of clean soil derived from this process is being staged for future site stabilization.

Based on recent information, we anticipate State of Texas (TCEQ) acceptance of the material license amendment that will permit disposal of the blended LLRW at WCS in Andrews, Texas. Pending this approval, we anticipate waste shipments to begin late August and constitute most of September operations.

Other site activities:

1. Metal debris are collected and surveyed for release. Debris that cannot be surveyed to NRC reguide 1.86, such as piping, is staged for future LLRW disposal.
2. Fenceline radiological surveys have been conducted weekly. In addition, about 50 ft of the fence was temporarily relocated in the southeast corner of Section 2 to accommodate excavation. No work was conducted in the floodway. Site security was maintained on a daily basis. Apparently, at this location the fence was originally erected directly on the slag depository.

Planned activities:

During July the first 8-10 foot excavation lift across Section 2 will be completed. In addition, the grid areas along the southern 30% of Section 2 will be excavated to full depth. This will take place from the end of July into August and complete the Section 2 work.

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 slope, at the southeast end of Section 2 reveals the first 10 ft lift and the composite soil/slag nature of the media. The ubiquitous green material is generally not radiologically contaminated.



Figure 2. Material staged on the concrete pad, as potential LLRW, is further screened (2nd iteration), to minimize LLRW volume.



Figure 3. The clean soil stockpile continues to grow. This material, which is radiologically clean, will be characterized to demonstrate environmental acceptance as clean backfill for use during site stabilization and restoration.

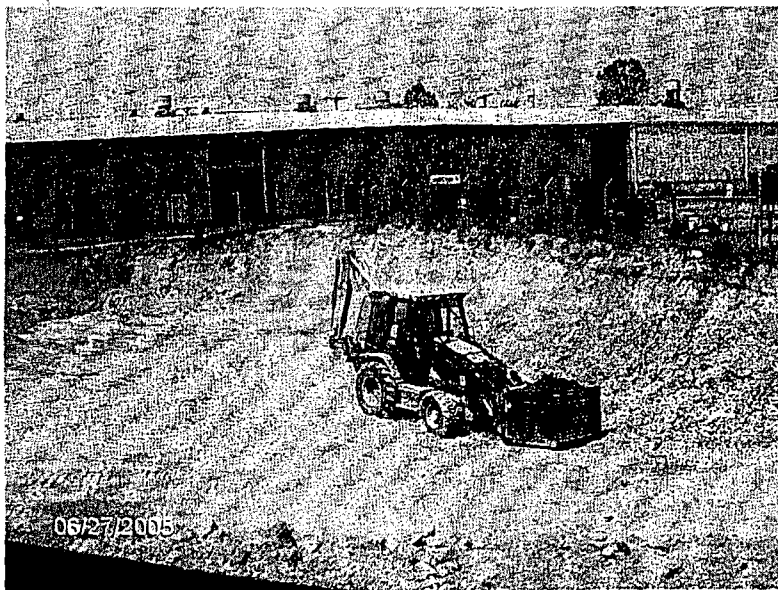


Figure 4. This is a picture of the NE corner of Section 2, revealing the 10 foot lift completed in this area. Contaminated material resides under the fence shown in the right of the picture and is planned to be addressed during 3rd quarter 2005.