

From: Rich Moss <rmos@scientech.com>
To: Eric Lardiere <ELardiere@wkr.com>
Date: Fri, Jun 17, 2005 3:02 PM
Subject: Whittaker Project Status May 2005

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

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

Regards,
Rich

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>, Ed Doubleday <edoubleday@scientech.com>, Lee Penney <lpenney@scientech.com>, Kevin Taylor <ktaylor@scientech.com>, Patrick Horkman <phorkman@scientech.com>, Jerry Toumey <gtoumey@scientech.com>, Lori Czyn <lczyz@scientech.com>

A1112

Mail Envelope Properties (42B31E17.09C : 2 : 8348)

Subject: Whittaker Project Status May 2005
Creation Date Fri, Jun 17, 2005 2:59 PM
From: Rich Moss <rmoss@scientech.com>

Created By: rmoss@scientech.com

Recipients

nrc.gov

kp1_po.KP_DO

JJK CC (James Kottan)

MMM3 CC (Marjorie McLaughlin)

scientech.com

lczyn CC (Lori Czyn)

gtoumey CC (Jerry Toumey)

phorkman CC (Patrick Horkman)

ktaylor CC (Kevin Taylor)

lpenny CC (Lee Penny)

edoubleday CC (Ed Doubleday)

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)

wkr.com

ELardiere (Eric Lardiere)

Post Office

kp1_po.KP_DO

Route

nrc.gov

scientech.com

state.pa.us

AIG.com

wkr.com

Files

MESSAGE

Whittaker Project Status_6-17-05.doc

Size

222

Date & Time

Friday, June 17, 2005 2:59 PM

2297344

Mime.822 3150532

Options

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

Concealed Subject: No
Security: Standard

WHITTAKER DECOMMISSIONING PROJECT

Date: June 17, 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 May 2005

Site activity during May focused primarily on excavation and extraction of contaminated material in Section 2 of the property. This is the main depository area for the contaminated slag and we have addressed approximately 55% of the volume, or about 13,000 tons of material, through the end of May.

Through the end of May we have extracted approximately 2,800 tons of LLRW from this material. This LLRW includes the material that was originally empounded on the surface as well as most of the higher contamination subsurface areas. At this time, our estimate for total LLRW within the property boundary remains at approximately 6,000 tons.

As of June 16, we are awaiting approval from the NRC for State of Texas (TCEQ) acceptance of the material license amendment that will permit disposal of the blended LLRW at WCS in Andrews, Texas. Accordingly, we have postponed mobilizing the rock crusher until the license amendment is approved to ensure the equipment can be fully utilized for the blending process without delay or disruption. In addition, we have placed the site labor force on a 40 hour work week until this issue is resolved.

Other Site Activities:

1. Metal debris continues to be 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. Site radiological technicians are sorting the larger, more contaminated slag pieces from the screening operation. Where these are the primary sources of contamination in the media, this has proven to be an efficient means of minimizing waste with a continuous production process. This is shown in Figure 3 on page 3.
3. Fenceline radiological surveys have been conducted weekly. In addition, repairs were made to the fence where tree limbs and flood debris damaged sections.
4. Slag samples were collected and analyzed for gamma spectroscopy and metals TCLP at Severn Trent Laboratories. The results are necessary for the WCS waste profile submission.

Planned Activities:

June will be utilized to further complete Section 2. At the present rate utilizing a 40 hour weekly schedule, we would expect to complete Section 2 by late July. Pending TCEQ approval, July and early August will be dedicated to blending Type 1 & 2 material to achieve a largely homogenous blend with an average activity comfortably below 54 pci/gm, meeting Type 2 and WCS acceptance criteria. Initial waste shipments would commence in August in coordination with WCS, the transporter MHF and transload facility, Alaron Inc.

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.

The screener is used to separate soil that is generally surveyed as type 3, or below the DCGL, acceptable to remain onsite. This picture and Fig. 2 below, illustrate the entrainment of the slag with the soil media. Fig. 1 is from the southwest area of Section 2 looking north towards Section 3. Fig 2 is the extreme south area of Section 2, looking east from the southwest corner.



Figure 2.



Figure 3.

This picture shows the radiological technicians examining material as it is separated by the trommel screener.



Figure 4.

This picture shows the initial lift being established in the southwest corner of Section 2. Note that the slag, some of which is contaminated, is very much entrained with the surrounding soil media. Subsequent to this excavation, radiological surveys indicated that contaminated material was present at the fenceline with Greenville Metals, in the upper left of the photo.