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*OK Incoming
c/015/0018*

From: "Oakley, Dennis" <Dennis.Oakley@PacifiCorp.com>
To: "Priscilla Burton" <priscillaburton@utah.gov>, "Jim Smith" <JIMDSMITH@ut...>
CC: "Fleck, Ken" <Kenneth.Fleck@PacifiCorp.com>
Date: 6/18/2008 12:43 PM
Subject: RE: Substitute Topsoil Material at Rilda's Sediment Pond Area

Pricilla,

May I propose (unless you have a better field analysis) conducting a the following analysis:

Field Parameters

? Energy West will record all field information on the NRCS 232 form as outlined in the following table.

? Energy West will utilize qualified personnel to direct the field work, soil sampling and creating composites from samples taken.

Table 3. Field Parameters For Characterization of the Des Bee Dove Mine Site Soils

Test to be Performed
Reported As
Suggested Methods

Texture

%sand, silt, clay

U.S. Department of Agriculture, Natural Resource Conservation Service, 1998. Field Book for Describing and Sampling Soils, Version 1.1. p 2-28 -2-31.

Structure/Consistence

grade, size, type

ibid. p 2-38 through 2-51.

Visual Estimate % Coal

% area

& size fragments

ibid. p 2-20, 2-26, 7-1, 2-29, and 2-37.

Internal Rock

% volume

& size fragments

ibid. p2-32 through 2-37 and p2-20 and p 2-26.

Surface Rock

% cover

& size fragments

ibid. loc cit.

Soil Color

Hue Value/Chroma

ibid. p 2-7 through 2-15.

Chemical Response

Effervescence

ibid. p 2-65.

Gypsum

U.S. Salinity Laboratory Staff. 1954. Diagnosis and improvement of saline and alkali soils. USDA Handbook 60. Method 22a. p102.

Based on these initial findings we can put together a plan. If material characterizes as suitable in this initial

analysis, Energy West will 1) store material at Helco mine area ensuring segregation for stored topsoil, 2) send sample to our contract laboratory, 3) place signs to identify soils, and 4) report final analysis to DOGM.

If material does not characterize as suitable topsoil, Energy West will 1) store material at Helco mine area ensuring segregation for stored topsoil, 2) place signs to identify soils, and 3) amend permit to identify the Helco and Romminger mine areas as soil storage areas instead of separate topsoil and subsoil storage areas.

Let me know what you think. Tomorrow when you visit the site we can perform the analysis.

Thanks!!

Dennis Oakley CPESC
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Even if you're on the right track, you'll get run over if you just sit there.

- Will Rogers -

-----Original Message-----

From: Priscilla Burton [mailto:priscillaburton@utah.gov]
Sent: Wednesday, June 18, 2008 11:39 AM
To: Oakley, Dennis; Jim Smith; OGMCOAL@utah.gov
Subject: Fwd: Substitute Topsoil Material at Rilda's Sediment Pond Area

Dennis,
Yes, it looks like the original plan anticipated this situation. Please sample and determine whether the excavated soil will be designated subst. topsoil or subsoil.

An as-built with your October submittal would suffice for information on volumes, pile configuration, and remaining capacity.

Thanks,
Priscilla.