

From: Matthew Seddon
To: Hedberg, Wayne
Date: 5/24/2006 1:17:54 PM
Subject: Re: Fwd: Class II Inventory - UtahAmerican Energy, Inc, Lila Canyon Extension, C/007/0013 (Automated)

Wayne,

Thanks, this helps considerably. It sounds like cracking is the main possible ground disturbance from subsidence, right?

If that's the case, your engineer is correct in general terms. There are some potential adverse effects that could occur from cracking to archaeological sites. He's right, botanical, carbon, and other remains could become contaminated. Additionally, the cracking could disturb spatial relationships between buried artifacts (often more important than the artifacts themselves), buried and previously intact features (fire pits, etc.), and such.

I'll ponder things a bit though. As he points out, it is apparently hard to predict where cracking will occur. It may be possible to handle the potential adverse effects due to cracking on things other than rockshelters by monitoring and conducting mitigation if cracking effects an important site, something we could establish in the MOU that I believe is still planned. I'm talking off the top of my head, though. I should be able to work up comments on the sample design now, though, thanks!

Matt

Matthew T. Seddon, Ph.D., RPA
Deputy State Historic Preservation Officer
Utah State Historic Preservation Office
300 Rio Grande St.
Salt Lake City, UT 84101
801-533-3555
FAX: 801-533-3503
mseddon@utah.gov
<http://history.utah.gov/>

This year we celebrate 40 years
of the National Historic Preservation Act!
<http://www.nhpa40.org/>

>>> Wayne Hedberg 05/24/06 12:43 PM >>>

Matt,

Here's a response from our mining engineer regarding the subsidence article you sent over earlier this morning. Hope it is helpful to you. Feel free to give Wayne Western a call @ (801) 538-5263 if you have further questions in this regard.

Thanks again,
Wayne

CC: Ernstsen, Jerriann; Grubaugh-Littig, Pam; Wright, Mary Ann