

**From:** "Dunn, Mike" <mldunn@osmre.gov>  
**To:** Priscilla Burton <priscillaburton@utah.gov>  
**CC:** Dana Dean <danadean@utah.gov>, Daron Haddock <daronhaddock@utah.gov>, Ja...  
**Date:** 11/1/2010 10:28 AM  
**Subject:** RE: 007001 White Oak Outgoing, Uploaded White Oak drawings  
**Attachments:** dunnWhite Oak Mine Site.dwg; dunn\_Whiteoak.dwg

I have exhausted all my skills trying to make the PSOMAS local coordinates fit with Utah State Plane coordinates.

If I'm not mistaken, the CAD file I have for active operations topography is "Whiteoak Mine Site.dwg" and the one for contracted topography last Summer is "whiteoak.dwg."

Using PSOMAS/coal company(?) coordinates, I cannot get either drawing to match:

- USGS 10-meter digital elevation model;
- USGS 1997 digital ortho quad;
- NAIP leaf-on photography for 2009
- USGS(?) 10-inch resolution photography from Feb 2006

I used the 1997 ortho quad to orient the active operations drawing and I used the 2009 photo to orient the contracted topo drawing - specifically using the 2 subsidence pits. (attached) Both are now in Utah SP83 Central Zone, US Feet

I got the "Final Map" PDF off of your permit web site - it has at least 3 points in SP27 that might be accurate.

I'm going to make it "fit" the other stuff as best I can because it shows the portals and working on both seams so you can compare with the subsidence pits.

Later!  
Mike