

From: Priscilla Burton
To: Dean, Dana; Haddock, Daron; OGMCOAL
CC: Abate, April; Brinton, Peter; Campbell, Ingrid; Lundmark, Kevin; Owe...
Date: 10/25/2010 9:10 AM
Subject: 007001 White Oak Internal, Mapping information
Attachments: 2009drape.jpg; 1990sdrape.jpg

I had a long conversation with Mike Dunn on Friday a.m. He was very frustrated to find "goofy" coordinate systems on all the White Oak MRP drawings that he downloaded from our website. In particular, he said the subsidence map lists a table of state plane coordinates and White Oak coordinates that are not correlated and the subsidence stations could not be accurately located. He found similar problems with the White Oak Facilities map which he says shows an elevation of 9,400 ft on the ridgeline, but when brought into autocad the same location had an elevation of 85 million ft. He said the drawing had gone through so many hands that the coordinates were "warped and rotated.....mangled." He encouraged the technical staff to begin spot check mapping details during our reviews to avoid similar situations in the future.

Consequently, he has focused on the mine plan workings surveys which he finds are usually recorded accurately. He has downloaded the 2009 Dept. of Agriculture mapping and retrieved 1 ft. contours of the site. He also noted that the WhiteOak.dwg produced by PSOMAS in 2009 says 2003 PSOMAS mapping control used. I encouraged him to contact PSOMAS to discuss they coordinate system. Below is an update of his work subsequent to that conversation.

>>> "Dunn, Mike" <mldunn@osmre.gov> Friday, October 22, 2010 12:31 PM >>>
Got ahold of Mark White and he thinks he has a coord conversion recipe.

Meanwhile I went ahead and got good fit of PSOMAS 2009 topo to 2009 NAIP

Ditto for the drawing I sent the zoom of with the c 1990s DOQQ

Attached are earthVision image drapes onto gridded CAD topo

White Oak/Whiskey Creek
2009 NAIP on PSOMAS



