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From: "Fish, Robert - Roosevelt, UT" <Robert.Fish@ut.usda.gov>
To: "Priscilla Burton" <priscillaburton@utah.gov>
Date: 3/2/2007 4:26:58 PM
Subject: Consolidate Coal Company--Prime or State Important Farmlands

March 2, 2007

Priscilla:

1. After your call this afternoon, I reviewed the 2004 aerial photo and then overlaid the soil information on the aerial photo in ArcGIS on my computer. I also drew out the boundaries of the approx. 160 acres of land in question.
2. I then reviewed the present soil data in the developing database (NASIS) for the MIB, TrB and TrC mapping units. The irrigated areas of the Minchey soil in map unit MIB presently do not meet the criteria for prime farmland, but do meet the criteria for state important farmlands. The RV or representative pH values exceed 8.4 but are 8.6 or less.
3. After review of the photography and the developing database for the Tusher soils in the area (160 acres) in question does not have any polygons of Tusher soils that have a developed irrigation system. Presently the soil database for irrigated areas of the Tusher soils in mapping unit TrB is such that they may qualify for state important farmlands, but only if there is an established irrigation system of adequate quality and quantity. They do not presently meet the criteria for prime farmlands because the pH values exceed 8.6 in some horizon in the top 40 inches of the soil. Mapping unit TrC does not presently meet the criteria for either prime or state important farmland, whether irrigated or not.

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