



Ramaco – impacts to grazing and use of Hidden Water and Acme areas

-Life of mine looks like 12-13 years from beginning of actual mining? All loader/truck coal haul, no conveyor, no rail, 1 million ton 1<sup>st</sup> year production, possible 2 million ton per year production through subsequent years.

-Somewhere around year 4/5, Ramaco trench #3? would sever water system to Hidden Water pasture, system would still be operable to Billies, Bar 69, East Mine. Also looks like haul roads would sever the Hidden Water property from year 4/5 through life of the mine?

-Would impeded ability to transition cattle to and from Acme area to use pasture and or Stanko corrals.

-Due to how mine boundary is drawn there would still be 900-1000? acres south of permit boundary in Hidden Water pasture (includes state section 16). However without water system, only other water is on Tongue River. Would still be able to graze Acme, but how to transition cattle through mine area?

-Spring/well in Billies – according to mine plan if there is any adverse effect to amount of water available, they are mandated according to the mine plan to remediate problem, provide at least comparable quantity/quality of water. Also according to maps and hydrologic data, they predict minimal/no impact to water due to faulting and soil characteristics in upper Hidden Water drainage.

-Based on typical grazing past 2 years, would maybe have 2 weeks grazing for 300-400 cows if Hidden Water was fenced on permit boundary, and approx. 2- 4 weeks grazing at Acme?

-Possible impacts to Acme pasture are that it makes it useful only as a possible feed ground, would have to truck cattle in and out

-Jensik Hill use for spring bull pasture is unchanged, however with mine permit boundary encompassing old Bighorn Coal loadout will make us have to cross tracks near Kleenburn road in order to load out of Stanko Corrals. Would need to see if there is a gate in the road easement next to the cattle guard at railroad crossing by Legerski's

-Walk In Area – according to mine plan, Walk-In-Area would be closed as long as mining occurs, would plan to start back up after mine is reclaimed? Would think surface owners, not Ramaco would be the one do decided this? Also permit stays well away from Pheasants Forever conservation easement at Acme.

-As to water system South of permit boundary in Hidden water, would there be any opportunities to pump from river, have Ramaco cover cost, also possibly work with state to put a tank on State lease (section 16, N. of River), possible EQIP \$, wildlife benefits might be other groups willing to get on board, just looking for ways to make remaining property useful.

- Was vague as to timeline of when grazing would be able to occur post reclamation. Spoke about grazing plan generated by mining company, to meet objectives for bond release, but timeline not as specific as CPE in similar scenario