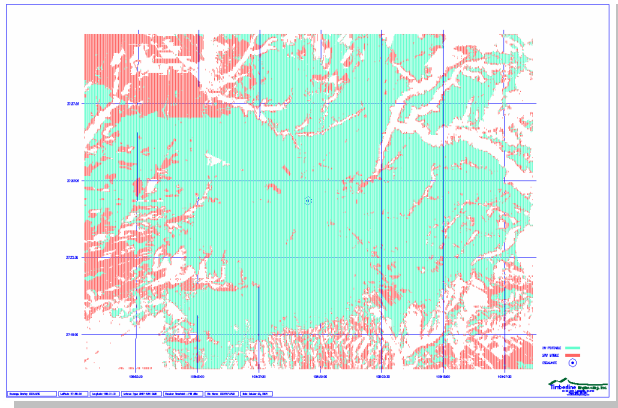


Project Experience

Communication Site Assessment

Bureau of Land Management, Montrose, CO

Timberline completed an assessment of the impact of mixing high and low power users at the Storm King Mountain communication site for BLM's Uncompahgre Field Office in Montrose, CO. The study included a review of two alternative sites for potentially segregating high power users. Timberline's scope of services included site visits, meeting with the users association, review of site conditions and installation practices, RF analyses and reporting with regard to the site being able to accommodate the needs of both high and low power users. We also reviewed available documentation including a draft Management Plan and a recent survey by a prospective user, the National Weather Service.



RADIO AREA COVERAGE PLOT

Storm King has four developed communication facilities, each with numerous transmitters and antennas. Timberline reviewed site topography, site layout, existing facility conditions, installation practices, user density and RF coverage area. We reviewed the sources of RF interference, addressed RF exposure issues, and evaluated the viability of two candidate alternative sites. We recommended one of the alternatives and provided a series of recommendations regarding management plan improvements, development of a user's technical database, inspection and maintenance programs, health

and safety issues, standards compliance and good installation practices.

The end product of the study was a technical report that summarized the results of the investigation and provided recommendations. Report graphics included line-of-sight coverage maps, path profiles, RF power density plots and photosimulations.

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