

AERIAL APPLICATIONS: SEEDING, FERTILIZER, HYDRO-MULCH, STRAW MULCH AND EROSION CONTROL¹

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Abstract. The focus of this session will be techniques of aerial seeding and erosion control applications in mine site and pipeline reclamation, stream restoration and forest fire recovery efforts for large scale projects and areas with difficult site access. Different aerial applications and techniques will be reviewed.

The presentation will cover the efficiency of treating large and remote areas with different applications and a range of products by Western States Reclamation, Inc. (WSRI) on select jobs. Determining factors that lead to the use of aerial applications along with the logistics and results of the projects will be presented.

Several projects will be shown that include the use of helicopters to apply seed, fertilizer, straw mulch and tackifier for reseeding and erosion control operations. In addition to the use of helicopters for seeding operations, helicopters have been used to place logs as bank protection on a high mountain stream. Other aerial applications include fixed winged aircraft projects to perform erosion control and seeding operations.

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