

**89250**

oral

**Native wetland restoration projects in the tongue river valley of the powder river basin.**

A Wellborn\*<sup>1</sup>, G Johnson<sup>1</sup>, J Beaver<sup>2</sup>, T Githens<sup>1</sup>, and O Lindblom<sup>1</sup>, <sup>1</sup>Navajo Transitional Energy Company, LLC., PO Box 67, Decker, Mt. 59025, <sup>2</sup>Westech Environmental Services, Inc., PO Box 6045 Helena, Mt. 59604.

allen.wellborn@navenergy.com

**Abstract**

The presentation will review the various wetland projects NTEC has completed or has in progress outlining the following:

- Baseline information (vegetation, hydrologic function, wildlife)
- Remediation needs (exclusion, seeding/planting, noxious weed control, physical structure removal, enhanced dirt work, channel reconstruction)
- Remediation practices relative to: noxious weed control, undesired grazing, hydrologic function, fluvial efficiency, and wildlife habitat.
- Permitting requirements (state, county and federal)
- Success monitoring (vegetation and hydrologic function)
- Long term benefits

Included with the presentation will be explanations of the need for native wetland restoration, and its benefits to a whole ecosystem. Additional items covered will be success and failure photos, seeding techniques, technique applications for other projects, and project management details.

**Keywords:** wetlands, restoration, vegetation