



Department of Energy

Washington, DC 20585

April 22, 2015

Christine Andres, Chief
Bureau of Federal Facilities
Division of Environmental Protection
2030 E. Flamingo Road, Suite 230
Las Vegas, NV 89119-0818

SUBMITTAL OF WELL PAD RESTORATION LETTER REPORT FOR CORRECTIVE ACTION UNIT (CAU) 443: CENTRAL NEVADA TEST AREA – SUBSURFACE

Dear Ms. Andres:

This letter documents completion of the well pad restoration conducted by the U.S. Department of Energy Office of Legacy Management (DOE-LM) at the Central Nevada Test Area. Restoration of the MV-6 well pad was completed on February 25, 2015. A summary of the activities is provided below.

DOE-LM notified the U.S. Bureau of Land Management of the planned restoration activities and obtained their approval for the seed mix prior to mobilization on February 22, 2015. The seed mix (Table 1) was certified weed-free and included 10 different species of plants. Earth moving equipment was used to fill in the infiltration basin, re-contour the disturbed area to the existing topography, and scarify disturbed areas for seeding. The final restored surface was double-ripped to a depth of 8-12 inches to ensure the ripped passes were perpendicular to the natural slope of the topography. The finished surface was left rough and uneven, thereby providing catchment areas for rain and snow. The seed mix was hand-broadcasted at a rate of approximately 23 pounds pure live seed per acre. The final restored well pad was graded to include an access road to and around the existing well for annual sampling and monitoring. Photographic documentation of the well pad restoration is provided as an enclosure to this letter.

Table 1. Seed Mix and Broadcast Rates for Central Nevada Test Area Well Pad MV-6

Scientific Name	Common Name	Broadcast Rate (pure live seed pounds/acre)
<i>Agropyron desertorum</i>	Desert crested wheatgrass	2.0
<i>Achnatherum hymenoides</i>	Indian ricegrass	4.0
<i>Elymus elymoides</i>	Bottlebrush squirreltail	4.0
<i>Pleuraphis jamesii</i>	Galleta grass (florets)	4.0
<i>Hesperostipa comata</i> ssp. <i>Comate</i>	Needle and thread grass	3.0
<i>Linum lewisii</i>	Lewis blue flax	1.0
<i>Sphaeralcea coccinea</i>	Scarlet globemallow	0.5
<i>Penstemon palmeri</i>	Palmer penstemon	0.5
<i>Krascheninnikovia lanata</i>	Winterfat	2.0
<i>Atriplex canescens</i>	Fourwing saltbush	2.0
Total		23.0



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Ms. Christine Andres

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Please call me at (970) 248-6018 if you have any questions. Please address any correspondence to:

U.S. Department of Energy
Office of Legacy Management
2597 Legacy Way
Grand Junction, CO 81503

Sincerely,



Mark Kautsky
Site Manager

OLM: MK

cc

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File: CNT 0410.02 (rc-grand junction)



Photo 1: View looking northeast at the re-contouring of the disturbed area and MV-6 well box.



Photo 2: View looking southeast at the re-contoured disturbed area and the MV-6 well box.