

Whiskey Canyon to Clear Creek, UDAF Grant 150357
2014 Annual Report, December 10, 2014

The State of Utah Department of Agriculture and Food Invasive Species Mitigation grant, Utah Division of Finance contract #150357, in the amount of \$17,144 is effective from July 1, 2014 to July 15, 2015. The approval Letter states that the work must be completed by June 30, 2015 and a final report submitted no later than July 1, 2015.

Attachment A. Terms and Conditions. Item 11 of this contract states that this contract does not automatically renew, but that this contract may be "amended, modified, or supplemented" by written application.

Attachment B. Budget and Scope of Work provides cost allocation over a period of three years. In the first year (2014) \$3,700 was allocated for the purchase of herbicide (5 gallons of milestone and 2 gallons of chapparal) and \$7,924 was allocated for the labor of a field mapping crew.

Attachment C. Provides a description of the Work.

To date, the following is accomplished:

July 9, 2014. Skyline CWMA sponsored a work day to bring together land management agencies, industry and landowners to treat the Whiskey Canyon to Clear Creek area. Staff from Carbon County, Emery County, DOGM, BLM, USFS, Marion Energy and landowners joined in the control effort (sign-in sheet attached). On a single day, 1,536 man hours were provided by those assembled. Locked gates were opened. Crews were dispatched to all roads and trails, mine sites and well pads within the project boundaries. Crews went up Finn Canyon, Boardinghouse Canyon, Slaughterhouse Canyon, and Whiskey Canyons. Noxious weeds (musk and Canada thistle primarily) were treated on approximately 15 miles of road and 54 acres using truck mounted spray containers and an additional 6 - 10 acres on foot with backpack sprayers. DOGM and Carbon County sprayed Milestone. BLM and Emery County sprayed Tordon. USFS sprayed Weedmaster. Robert Aycock family sprayed 2,4-D. Early July was a good time for spraying as the elongated stems of the plants were readily seen, but blooms had not yet opened. *Rhinocyllis* sp. larvae was noted in the blossoms at elevations 8,200 to 9,000 ft which is good for ongoing control. DOGM continued backpack spray applications and deadheading of musk thistle on the reclaimed mine site over a period of two weeks until July 31 (an additional 56 man hours).

The Snow College mapping crew began mapping on July 9, 2014. The crew of four students spent two months covering six square miles (3,840 acres) on foot. They began in T13 S., R 7 E Sec 19 & 20. They searched out weed infestations and recorded the locations of weeds in the six square mile project area. By August, the crew had reached Sec. 31 and 32. (We secured permission from landowners Cunningham lands and Woolsey to enter those lands.) The crew reported that the predominant weed is musk thistle and hounds tongue. A cluster of oxeye daisy was noted in and around Clear Creek. The daisy was seen in yards and along drainage ways. The Snow College mapping report and photos will be completed and included in the final report (July 1, 2015).

A quart of Milestone was purchased using grant funds at a cost of \$122.29.

Future Work:

The grant amount of \$17,144 covers the three year request, but expires June 30, 2015. Therefore, it will be necessary to purchase any required chemical and biological control agents prior to the end date. We will apply for an extension of the grant to provide payment for labor 2015 and 2016 by Snow College. Biological control will be released in 2015. Monitoring will occur in 2015 and 2016. The Skyline CWMA spray day commitment will continue through 2016 as well.

