



desert conservation
PROGRAM

Date: August 29, 2014

TO: DISTRIBUTION

RE: DESERT CONSERVATION PROGRAM PROJECT COMPLETION NOTIFICATION:
MORMON MESA RESTORATION
2011-GBI-915C

The work for the above referenced project has been completed. Please see the attached for all project related information.

The purpose of the above referenced project was:

The Clark County Desert Conservation Program (DCP) has acquired properties with riparian habitat along the Virgin River as mitigation for impacts from Covered Activities under the Clark County Multiple Species Habitat Conservation Plan (MSHCP). These Reserve Units provide, or have the potential to provide, suitable habitat for avian species covered under the MSHCP, including the federally endangered southwestern willow flycatcher (*Empidonax traillii extimus*). The purpose of this project was to conduct restoration activities within the Virgin River Reserve Unit, Property 1 to increase habitat availability and suitability for avian species covered under the MSHCP.

The major accomplishment or findings of this project include:

The Great Basin Institute cut and cleared tamarisk (*Tamarix* sp.) and collected and planted cottonwood (*Populus fremontii*), sandbar willow (*Salix exigua*), Goodding's willow (*Salix gooddingii*), ash (*Fraxinus velutina*), baccharis (*Baccharis salicifolia*), eleocharis (*Eleocharis* sp.), juncus (*Juncus* sp.), and yerba mansa (*Anemopsis californica*) in pole and rooted form on 5 sites identified for restoration activities within the Virgin River Reserve Unit, Property 1. Tamarisk removal was accomplished by cut stumping tamarisk and applying Pathfinder II herbicide. The cut tamarisk was then used to create a barricade around planting site perimeters to prevent encroachment by trespass cattle. The following summarizes the clearing and planting activities completed within each of the 5 sites:

- Site AB: planted 1 ash, 3 Goodding's willows, 33 cottonwoods, 66 sandbar willows, 2 baccharis, 2 yerba mansa, 3 eleocharis, and 3 juncus.

respect, protect and enjoy our desert!

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- Site B: cleared 1,506 square feet of tamarisk and planted 2 ash, 41 Goodding's willows, 21 cottonwoods, 70 sandbar willows, 25 baccharis, 3 yerba mansa, 3 eleocharis, and 3 juncus.
- Site D: planted 3 ash, 118 Goodding's willows, 61 cottonwoods, 185 sandbar willows, 25 baccharis, 3 yerba mansa, 3 eleocharis, and 3 juncus.
- Site E: cleared 2,093 square feet of tamarisk and planted 2 ash, 52 Goodding's willows, 35 cottonwoods, 85 sandbar willows, 5 baccharis, 3 yerba mansa, 3 eleocharis, and 3 juncus.
- Site F: cleared 3,298 square feet of tamarisk and planted 2 ash, 60 Goodding's willows, 36 cottonwoods, 94 sandbar willows, 8 baccharis, 3 yerba mansa, 3 eleocharis, and 3 juncus.
- Site GHI: planted 10 ash, 234 Goodding's, 137 cottonwoods, 160 sandbar willows, 57 baccharis, and 2 yerba mansa.

For more information about this project and/or for other Project Reports or Symposium Reports, please visit our website at: <http://www.clarkcountynv.gov/Depts/dcp/Pages/default.aspx>
If you have any questions, please contact Liz Bickmore at (702) 455-2972.

Sincerely,



Marci D. Henson
Program Manager

cc:

US Fish and Wildlife Service
Board of County Commissioners (7)
Permittees' Executive Committee
Permittees' Process Management Group
Thomas Boldt, Purchasing
Catherine Jorgenson, District Attorney – Civil Division
Desert Conservation Program Community Advisory Committee
Desert Conservation Program Interested Parties List
Multiple Species Habitat Conservation Plan Implementing Agencies
Science Advisor
SNPLMA Office (for SNPLMA projects)
Congressional Office
DCP Staff