

MSHCP Implementation Database

Purpose

The Multiple Species Habitat Conservation Plan (MSHCP) Implementation Database is a tool designed to track all implementation efforts that address the Clark County MSHCP. These efforts include work conducted by County staff; other local, state and federal agencies; nonprofit organizations; and private businesses. The database is currently in development and not yet in production.

MSHCP guidance documents include lists of species, threats, ecosystems and conservation actions that may be addressed throughout the term of the MSHCP Incidental Take Permit. These elements and other information such as cost, implementation metrics, products, and location of the action will be tracked within the database.

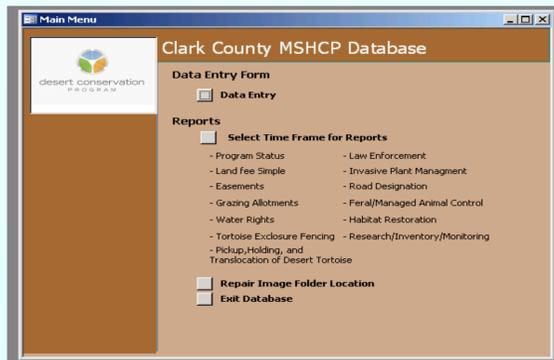


Figure 1 Main Menu

Database

The implementation database captures past and current monitoring data for MSHCP project implementation (Figure 2). The database includes summary outcome information for all MSHCP funded projects. Each project's outcomes, and maps depicting the general locations, are included in the database. Information in the database can be used by researchers and managers to assess the outcomes of MSHCP implementation, which may provide information to assess the effectiveness of MSHCP implementation in meeting MSHCP goals and objectives.

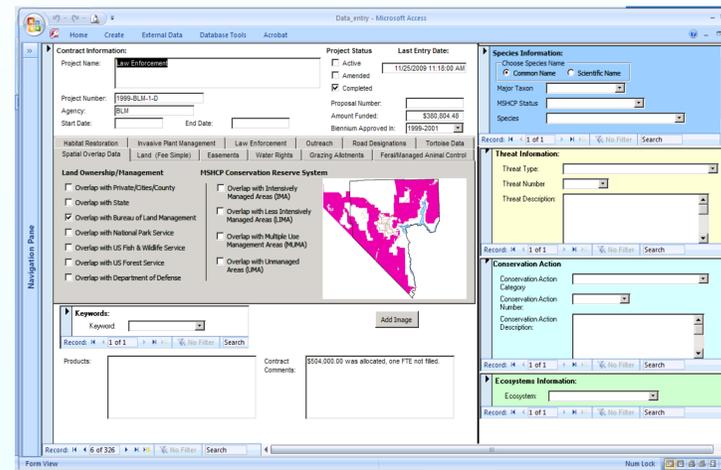


Figure 2 Sample project entry with image

Species Information

In addition to the main project information page the database incorporates several sub-forms. The species information form contains specific species information including the major taxon, the MSHCP status (Covered, Evaluation, or Watch), and the species name by common name or scientific name (Figure 3). Species can be selected from a dropdown box and more than one species can be entered. Additional species not covered under the MSHCP could be added to the database.

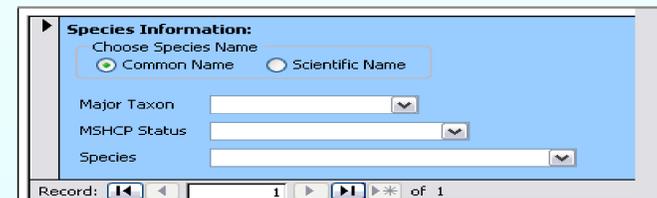


Figure 3 Species Information Form

Threat Information

The threat information form provides the threat types, threat descriptions, and threat number that are defined in Chapter 2 of the MSHCP (Figure 4). Threat information is selected through use of a dropdown box. Project contracts and progress reports are inspected for proposed and actual threats addressed by the contract effort. Multiple threats can be entered.



Figure 4 Threat Information Form

Conservation Actions

The conservation action form denotes the implemented conservation actions (Figure 5), as defined in Chapter 2 of the MSHCP. Project contracts and progress reports are inspected for proposed and actual conservation actions implemented by the project effort.

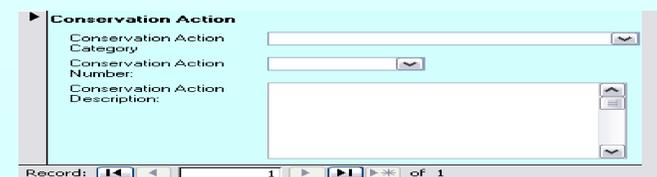


Figure 5 Conservation Action Form

Ecosystems

The ecosystem information form is a complete list of ecosystems and other elements found within the Mojave desert, that the project incorporated (Figure 6).



Figure 6 Ecosystem Information Form

Reports

The database has several standard reports available from the Reports section of the Main Menu (Figure 7).

Current standard reports include:

- Program Status
- Land (Fee Simple)
- Easements
- Grazing Allotments
- Water Rights
- Tortoise Enclosure Fencing
- Pickup, Holding, and Translocation of Desert Tortoise
- Law Enforcement
- Invasive Plant Management
- Road Designation
- Feral/Managed Animal Control
- Habitat Restoration
- PIE Events
- Research/Inventory/Monitoring
 - Conservation Actions Summary
 - Ecosystems Summary
 - Species Summary
 - Threats Summary



Figure 7 Report window

Database Facts:

The Implementation Database is a Microsoft Access database in Access 2000 file format with an associated folder of images.

A network version of the database with a SQL backend and MS Access user interface is in development.

Future Enhancements

Clark County Desert Conservation Program is in the process of evaluating the database for improvement. Future enhancements may include:

- Evaluating and updating fields
- Reviewing data structure
- Improved reports
- Improved user interface

For further information

Please contact amaglier@ClarkCountyNV.gov for more information or go to <http://www.clarkcountynv.gov/depts/dcp/Pages/default.aspx>

