

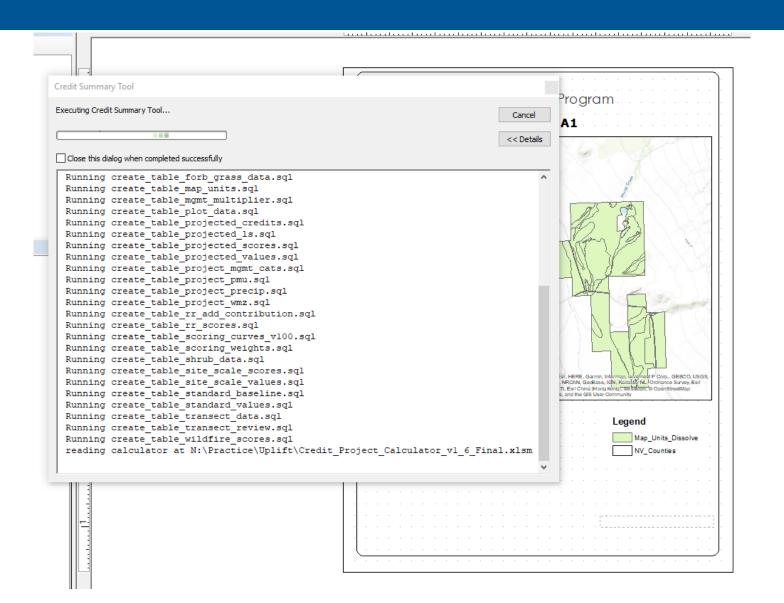
PURPOSE

- GIS output that informs landowners of the uplift (credit) potential of their CCS Project
- To work with the "Guidance for Creating Conservation Uplift in Meadow and Upland Habitat Package"
 - Inform of the areas and type of uplift that would maximize their credit amount, therefore possibly maximizing habitat potential for sage-grouse

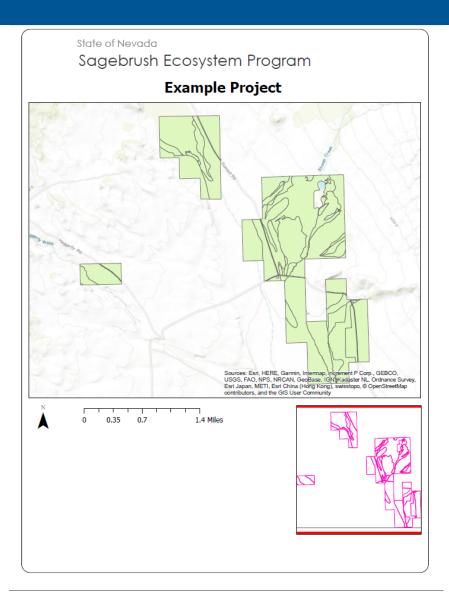
LIMITATIONS

- Does not take into account ecological site potential, states and transition categories, etc.
- Focuses purely on maximizing credit amount, limited on what the calculator looks at
 - Objective numbers
- Does not focus on causes but results
 - Example: Tool states the landowner needs to increase the forbs in the meadow, but it does not recognize that the lack of forbs is caused by a dropping water table due to erosion

RUN BY THE SETT OR BY VERIFIERS



RESULTS



Guide to Current & Additional Credits Charts

The Credit Summary Report will help you understand where your project is generating credits and how to improve your project to generate additional credits. The intent of this report is to help you maximize the value of your project by identifying new uplift strategies.

Current & Projected Credits

The Current & Projected Credits table, illustrated below, displays the area of each map unit, the number of current credits, and the expected number of projected credits (i.e., credits generated through uplift).

| ID | Map Unit Name | Meadow | Map Unit Area (acres) | Current / Projected Credits | | | | |
|--|---------------|-----------|-----------------------|-----------------------------|--|--|--|--|
| 1 | Map_Unit_Name | No_Meadow | 200.0 | 50.0/10.0 | | | | |
| Legend | | | | | | | | |
| Area (acres) Current Credits Projected Credits | | | | | | | | |

Additional Credits

The Additional Credits table, illustrated below, suggests uplift strategies that target different components of the vegetation to increase the projected credits generated by each map unit. If an uplift strategy is not suggested (i.e., the 'Recommendation' column is blank for that map unit), the original plan for the map unit is likely the best strategy.

| ID | Map Unit Name | Recommendation | Conifer Credits | Additional Credits | | | |
|------|---|--------------------------------|-----------------|---|--|--|--|
| 1 | Map_Unit_Name | shrub_high | 20.0 | + 50 credits | | | |
| Lege | Legend | | | | | | |
| | Credits resulting from conifer removal | Current + Projected Credits | | Additional credits resulting from recommended uplift strategy (color may vary, see below) | | | |

Uplift Strategies

The Additional Credits table evaluates three uplift strategies for each map unit at varying levels of effort to determine an uplift strategy likely to increase the credits generated from the map unit. Low, medium and high effort scenarios are evaluated for each strategy. Each strategy is defined below.

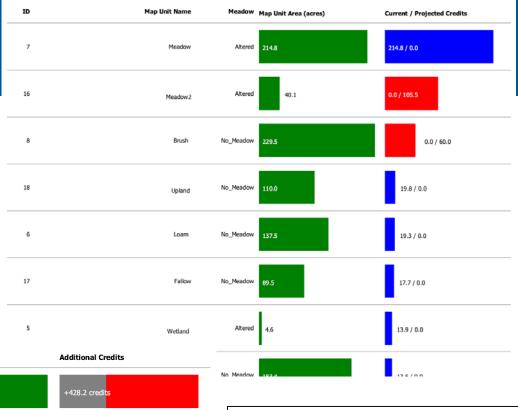
- Enhance forbs and grasses (forb_grass): increase forb cover and grass cover by 10% (low), 25% (medium), or 50% (high); increase forb richness by double (medium) or triple (high) current richness.

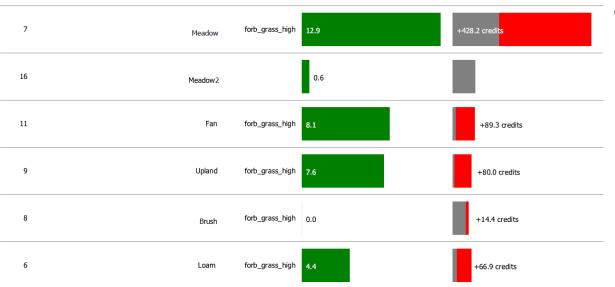
 Enhance shrubs (shrub): increase sagebrush and other shrub cover by 10% (low), 20% (medium), or 30% (high).
- Control cheatgrass (brotec): decrease cheatgrass cover by 50% (high), 75% (medium), or 90% (high).

RESULTS

ID

Current & Projected Credits The Current & Projected Credits table, illustrated below, displays the area of each map unit, the number of current credits, and the expected number of projected credits (i.e., credits generated through uplift). ID Map Unit Name Meadow Map Unit Area (acres) Current / Projected Credits 1 Map_Unit_Name No_Meadow 200.0 50.0/10.0 Legend Area (acres) Current Credits Projected Credits





Map Unit Name Recommendation Conifer Credits

Additional Credits

Map Unit Name

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Additional Credits

(color may vary, see below)

| 1 | Map_Unit_Name | shrub_high | 20.0 | | + 50 credits |
|---|---------------|-----------------------------|------|--|--------------|
| Leg | end | | | | |
| Credits resulting from conifer removal | | Current + Projected Credits | | Additional credits resulting from recommended uplift strategy | |

Recommendation Conifer Credits

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• Comments, Questions, Suggestions?