

**Minutes**  
**Arana Gulch Adaptive Management Working Group Meeting**  
Zoom Meeting  
**11:00 a.m. – 12:30 p.m. on Tuesday, June 22, 2021**

**Working Group Members Present:**

Travis Beck, City of SC Dept. of Parks and Recreation  
Blake Woessner, City of SC Dept. of Parks and Recreation  
Alison Stanton, Botanist  
Lauren Garske-Garcia, CA Coastal Commission  
Serena Stumpf, CA Department of Fish and Wildlife  
Mark Ogonowski, US Fish and Wildlife Service  
Todd Lemein, US Fish and Wildlife Service  
Sylvie Childress, UCSC Greenhouses  
Bill Davilla, EcoSystems West  
Grey Hayes, CA Native Plant Society  
Suzanne Schettler, CA Native Plant Society  
Frank and Teresa Locatelli

Meeting was held via a Zoom video call. Travis Beck facilitated the meeting.

**Welcome and Meeting Objectives.**

The minutes from the October 22, 2020 AMWG meeting were accepted without revision.

**Public comment**

1. Jean Brocklebank repeated request for split rail fence in Area B. Area B was mowed, but should be mowed for coastal prairie management, not fire. Understood from conversation with Travis at field meeting that trust fund just made its way to Parks & Recreation Department two years ago. Requested accounting.
2. Michael Lewis expressed concern about soil chemistry.
3. Julie Almquist, a neighbor of Arana off of 7<sup>th</sup> Avenue expressed concern about fire and asked that fire prevention be factored into other preservation work

## **Management Discussion**

1. Alison presented outplanting experiment
  - a. Shared plot layouts and survivorship thus far
  - b. Shared photos of results
  - c. Shared monitoring summary
  - d. Request to add mower specs, clippings size, & timing to Alison's report
  - e. Request to add cow numbers to Alison's report
2. US Fish and Wildlife has tentatively approved grant funding to continue outplanting experiment and support germination experiments on tarplant ray achenes.
3. Sylvie presented germination experiments proposed
  - a. 1 vote for scarification idea
  - b. Concern with mixing genotypes
  - c. 1 vote against soil microbe idea

## **Management Decisions**

1. Cease mowing in Area A for the season
2. Record number of cows in locations
3. Record mowing data
4. Prescribed fire: Unanimous NO vote
5. Harvesting seed: Unanimous NO vote
6. Plant native grasses available from UCSC Greenhouses, possibly in conjunction with outplanting experiment. UCSC to maintain until planting season.
7. Michael & Jean suggest no cows in Area A next year. Also suggest adding grasses to area B after protective fencing installed.
8. Meet again: October