



BURLESON CONSULTING INC.  
A Terracon COMPANY

## Site 39 Inland Ranges Habitat Restoration Status Update

January 27, 2021

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### HA 26 Irrigation

2020 Irrigation Water Log			
Gallons	Source	Irrigation Event	Date
9,000	Water Supplier	#1	May 13-14
9,000	Water Supplier	#2	June 3-4
7,000	Water Supplier	#3	June 23-26
9,000	Water Supplier	#4	July 15-16
9,000	Water Supplier	#5	August 5-6
9,000	Water Supplier	#6	August 26-27
9,000	Water Supplier	#7	September 16-17
9,000	Water Supplier	#8	October 7-8
9,000	Water Supplier	#9	October 27-28
8,500	Water Supplier	#10	December 8-10

### Native Plant Nursery

- In 2020, grew and maintained 7,046+ plants
  - 5,561 plants to fulfill SSRP targets
  - 1,485 adaptive management plants
- Began cutting propagation for next year's plants
  - 2021 plant targets are 3,682 plants for HAs 18, 26, 27, 27A, 34, 36, 37, and 43
- Harvested sand gilia seed from mother plants
  - Sand gilia seed target for HA 43 was 0.5 grams
    - Harvested 0.5+ grams of seed
  - Sand gilia seed target for HA 38 was 34 grams
    - Harvested 26.5 grams
      - Additional mother plants will be grown in 2021 to make up for the missed target



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### Seed Broadcast

- In early December, completed first round of production seed broadcast
  - ~13 acres of area at HAs 19, 23, 26, 27, 27A, 28, 29, 33, 34, 36, 37, 39/40, 43, and 44
- In mid-December, completed SSRP seed broadcast at HAs 26, 34, 37, and 38

### Planting

- First planting of the season occurred on 12/29
- As of 1/15, we installed ~1,487 plants out of the 7,046 target



Figure 1 Burleson biologist using an auger to install plants at HA 37



Figure 2 Shaggy-bark manzanita installed at HA 37