

**San Diego Association of Governments
Rare Dune Species Restoration Project
Nature Collective**

Quarterly Progress Report

Reporting Period: July 1, 2025 – September 30, 2025

Submission Date: October 24, 2025

SANDAG Contract Number: S1125507

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Rare Coastal Dune Species Habitat Restoration Project – 2025 Q3 Progress Report

Quarterly Status Report Overview

During this reporting period Nature Collective staff maintained installed plants through irrigation and weed control and collected seed at the restoration site at Seaside Terrace Dune. Due to the summer months, seeding and planting did not occur.

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Work Performed this Period:

1. Task 1- Seed Collection & Propagation

During this quarter we collected seed from a combination of dune and coastal sage scrub species to be propagated in our native plant nursery.

2. Task 2- Work & Monitoring Plan

This task has been completed.

3. Task 3- Seeding & Planting

Due to a hot summer without any precipitation, Nature Collective did not spread seeds or install new plants during this quarter.

4. Task 4- Maintenance

During this quarter we continued with irrigation of new and old container plants. Staff also continued weed maintenance; the main target species continues to be annual yellow sweetclover (*Melilotus indicus*) and European searocket (*Cakile maritima*).

5. Task 5- Monitoring

Qualitative monitoring was conducted to ensure the watering schedule was adequate and to schedule the invasives before they set seed.

6. Task 7- GOIN Program

Planning work was conducted to coordinate and plan the Fall GOIN trips.

7. Task 8- Administrative

Bradley Nussbaum, oversaw and participated in daily planning, project management, invoicing, monitoring and restoration tasks during this period.

Work Anticipated Next Period

We will continue with irrigation of new plantings and weed control using hand and chemical removal methods. We also plan to install new plantings in unvegetated areas.

Issues to Note

As stated in previous quarterly reports- after project planning began, we determined that we will more than likely not be able to meet two of our performance measures including “*Atriplex coulteri* – 200 individuals restored” and “*Phacelia stellaris*” – 200 individuals restored”. However, we anticipate restoring 400+ individuals of *Chaenactis orcuttiana ssp. glabriuscula* (Orcutt’s yellow pincushion) to replace those performance measures. Orcutt’s yellow pincushion is listed at California Rare Plant Rank 1B.1 – “Plants rare, threatened, or endangered in California and elsewhere; seriously threatened in California” and has only 20 presumed extant occurrences in California (CNPS, RPP 2023). We do not expect to meet the original performance measures due to the lack of seed available to ethically collect as well as the difficult germination requirements.

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Photographs & Figures

Performance Measures

[EMP11_2025 Q3 Performance Measures.xlsx](#)