



November 19, 2024

Kim Smith

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Re: 2024 Quarter 3 (July 1st to September 30th) 2024

SANDAG Contract Number: S833005 – Nature Collective Invasive Plant Treatment

Dear Kim:

Nature Collective (NC) staff have been working toward meeting the objectives of the **Invasive Plant Treatment Project**. This letter report summarizes project progress from July 1st to September 30th, 2024.

Task 1-Project Management, Admin and Meetings

Communications occurred with SANDAG, partners, contractors, and consultants to ensure compliance with agreements and contracts. The field contractor is under contract and registered under the labor compliance program. Invoicing and Quarterly reporting to SANDAG is occurring. MOUs, ROEs, and other agreements required for project reviewed and signed. Meetings, preparation for field work, and continuation of work on tasks 2, 3 and 4 occurred.

Task 2- Oncosiphon Treatment for Priority Sites

Co-ordination and planning:

GIS data was aggregated and delivered to SDMMP for their data viewer.

ROE or MOU work:

None.

Field work:

None.

Task 3- Arundo Re-treatments

Co-ordination and planning:

GIS data was aggregated and delivered to SDMMP for their data viewer.

Work with the San Dieguito JPA to complete CDFW permitting requirements.

ROE or MOU work:

Obtained a Temporary Access Permit (TAP) from City of San Diego DPW.

Field work

None.

Task 4- EDRR Level 2 sites

Co-ordination and planning:

GIS data was aggregated and delivered to SDMMP for their data viewer.

Two EDRR targets were worked on: Canary Island St John's wort, and Algerian sea lavender. CDFW was coordinated with.

Field work:

Control work occurred at the two sites. Sea lavender sites had spot control with post emergent. Agua Hedionda re-treatments recorded a significant drop in number of re-treatment points: 80 in 2024 and 901 in 2023. Batiquitos had less of a drop, likely due in part to better access to portions of the south shore (favorable tides): 404 in 2024 and 615 in 2023.

A new site, surveyed and treated based on an iNaturalist report, is located at Kate Sessions Park, City of San Diego. This site is between Mission Bay and Mount Soledad. Plants were scattered in a five-acre area. With one larger stand in the middle of the population. 122 treatment points were recorded, with about 500 plants controlled. Plants were cut and left in the footprint of the shrub, as seed was on the plants and a seedbank is already present (as is seen at other CISJW sites). Removing biomass would have spread seed across the site. Below are maps and photos.

Work Anticipated Next Period: Q4 2024

Task 1- Project Management, Admin and Meetings

Work will continue on this task.

Task 2- Oncosiphon Treatment for Priority Species

Another round of re-treatments on existing sites. Expansion to new sites and outliers.

Task 3- Arundo Re-treatment

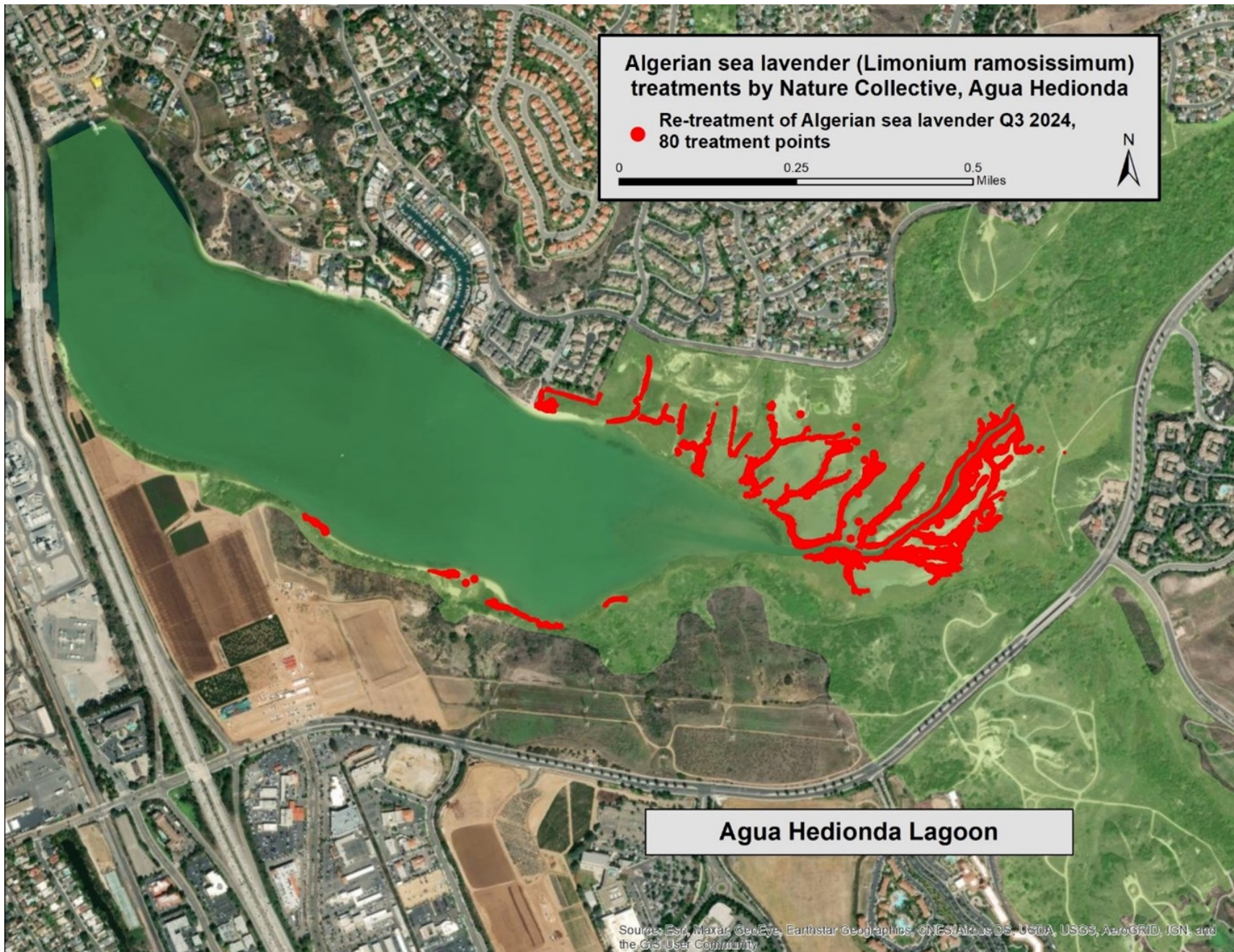
Re-treat San Diego River and possibly San Dieguito and Carlsbad HU.

Task 4- EDRR Level 2 sites

Continue work on Ward's weed and other priority targets.

Appendix A: Maps

Quarter 3 2024



Algerian sea lavender treatments at Aqua Hedionda Lagoon



Algerian sea lavender treatments at Bataquitos Lagoon



Canary Island St. John's wort treatments at Kate Sessions Park

Appendix B: Photo Monitoring

Quarter 3 2024

Canary Island Saint
John's Wort



Canary Island Saint John's Wort shrubs are dormant in late summer.



Cut stumps treated with post emergent herbicide.