

**San Diego Association of Governments  
Ramona Grasslands and Boulder Oaks Preserves  
Bullfrog Eradication Project  
County of San Diego Dept. of Parks & Recreation  
Quarterly Progress Report  
Reporting Period: April 1, 2025 – June 30, 2025  
Submission Date: July 2025  
SANDAG Contract Number: S1125505**

**Quarterly Status Report Overview**

**PLEASE DO NOT CHANGE OR ALTER THE FORMATTING OF THIS DOCUMENT!**

SANDAG has developed a standardized grant monitoring and tracking program for the Environmental Mitigation Program (EMP) Land Management Grant Program. The purpose is to collect information on individual projects and the grant program as a whole for reporting to the Regional Habitat Conservation Taskforce, SANDAG Policy Advisory Committees, and the SANDAG Board of Directors. SANDAG monitors grantees through invoices, progress reports, performance measures, and designated photograph points. These standardized reporting templates and instructions for submittal are included below.

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### Work Performed this Period:

#### 1. Task 1- Bullfrog Eradication Program

Work during Quarter 4 (April 1, 2025 – June 30, 2025) occurred at both Ramona Grasslands and Boulder Oaks Preserve.

##### Ramona Grasslands

The biologists visited Ramona Grasslands on April (6<sup>th</sup> visit), May 20 (7<sup>th</sup> visit) and June 6, 2025 (8<sup>th</sup> visit). The biologists drove around Ponds 1 and 2 with a spotlight to detect eyeshine from bullfrogs. Bullfrogs in close range were giggered or captured in a net. Bullfrogs farther out were eradicated with a .22 air gun with non-lead pellets. At Pond 3 and Santa Maria Creek, the biologists waded into the water and used giggering tools and nets, collecting any bullfrogs observed.

During the April visit, four bullfrogs (4 adults) were eradicated. During the May visit, thirteen bullfrogs (13 adults) were eradicated. During the June visit, twenty-three bullfrogs (23 adults) were eradicated. During this grant period, forty (40) bullfrogs were eradicated from Ponds 1 and 2 and Santa Maria Creek at the Ramona Grasslands site. No bullfrogs were captured in Pond 3. Bullfrogs were brought to the shore and humanely euthanized prior to stomach content analysis. Stomach contents included crayfish and insect larvae.

##### Boulder Oaks

The biologists visited Boulder Oaks on April 9 (6<sup>th</sup> visit), May 19 (7<sup>th</sup> visit) and June 9, 2025 (8<sup>th</sup> visit). A small boat was used to capture bullfrogs in Ponds 1 and 2. Reeds were trimmed to allow the biologists to launch the boat in Pond 2. Nets were used to capture bullfrogs which were then placed into a bucket in the boat. Ponds 3 and 4 were checked during both visits. Bullfrogs were brought to the shore and humanely euthanized prior to stomach content analysis.

A total of 48 bullfrogs were eradicated at Boulder Oaks during the reporting period. Sixteen bullfrogs (16 adults) were eradicated during the April visit. Fifteen bullfrogs (15 adults) were eradicated during the May visit. Seventeen bullfrogs (17 adults) were eradicated from Ponds 1 and 2 during the June visit, including one with an egg mass. Ponds 3 and 4 contained water, but no bullfrogs were observed until the eighth visit (Pond 4), where more than 20 bullfrogs were observed. The bullfrogs in Pond 4 were unable to be eradicated

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because dense reeds in the pond provided shelter and using a spear was not successful. Stomach contents consisted of crayfish, insect larvae, an unidentified rodent and a garter snake. Multiple Western toads were observed during the surveys.

This task is approximately 28% complete.

#### **2. Task 2 – Silt Fence Exclusion Program**

No work on this task occurred during this performance period. Charges on the current invoice are associated with work completed during the previous reporting period.

This task is approximately 52% complete.

#### **3. Task 3 - Monitoring and Evaluation**

After capture and euthanasia, the stomach contents of individuals captured were analyzed. Stomach contents consisted of crayfish, insect larvae, a rodent and a garter snake. Multiple Western toads were observed during the surveys. No native sensitive species were observed during this quarters' surveys.

This task is approximately 32% complete.

#### **4. Task 4 - Reporting**

The Year 1, Quarter 4 Progress Report (Progress Report) prepared by Helix Environmental Planning is provided as an attachment to this report.

This task is approximately 25% complete.

#### **5. Task 5 - Project Management**

During the reporting period, DPR staff time was used to manage the consultant task order, review grant invoice materials, review consultant progress reports (Tasks 1 & 2), process consultant invoices, work with consultant to adjust implementation schedule and prepare a request to extend the grant agreement. Consultant time was used to coordinate with DPR field staff and DPR project manager regarding eradication survey visits (Task 1), and coordinate with DPR staff to adjust field visit approach to ensure completion by end of the requested grant agreement extension date.

This task is approximately 46% complete.

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### Work Anticipated Next Period

Surveys will continue in July 2025 at both Ramona Grasslands and Boulder Oaks. From this point forward, eradication visits will be increased to two times per month to ensure the grant scope of work is completed by the requested grant extension completion date of September 2026.

### Issues to Note

Dense reeds in Pond 4 at Boulder Oaks gave cover to bullfrogs, preventing eradication efforts. DPR staff will investigate ways to increase visibility and efficacy at Pond 4.

### Photographs & Figures

**Photographs and figures are invaluable!** Please include photos in the Quarterly Progress Reports and any figures (if applicable). Both photos and figures may be included throughout the document under corresponding tasks or at the end following the Issues to Note section. Photographs taken at the same place or photographic points (photo-points) can assist SANDAG staff in tracking the project's progress over time.

It is required that **Photographs include:**

- A before and after comparison sequence from the start to the completion of the project for photo points.
- A brief description of the corresponding tasks, date, and activity in the photograph.
- **A copy of each photograph included in the report submitted in a .jpeg or .png file format.**



Photograph 1: Spotlighting bullfrogs in Pond 2 at Ramona Grasslands.

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Photograph 2: Pond 1 after filling at Ramona Grassland Preserve.



Photograph 3: Deceased bullfrog at Ramona Grassland Preserve Pond 2.

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Photograph 4: Egg mass from female bullfrog at Boulder Oaks.



Photograph 5: Bullfrogs that were eradicated at Boulder Oaks.

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Photograph 6: Biologist wading in Pond 4 at Boulder Oaks.

### SDMMP Project Page

To receive reimbursement for work conducted within the quarter, submission of Quarterly Progress, Annual, and Final Reports must be added to your project's Project Page on the SDMMP website. Add any necessary photographs to the photo carousel and fill out the photograph information. *Please contact Sarah McCutcheon ([smccutcheon@usgs.gov](mailto:smccutcheon@usgs.gov)) or Emily Perkins ([eperkins@usgs.gov](mailto:eperkins@usgs.gov)) if you are having trouble accessing or editing your project page.*

The SDMMP website project page has been updated to include photos from this grant period.

### Project Performance Measures Instructions

SANDAG will utilize the SANDAG Performance Measures to document compliance with the Project. Grantee's performance will be measured against the Performance Measures (Exhibit D) during the term of the project. More details on Performance Measures and Grant Recovery Plans are outlined in the Grant Agreements.

To access the **Project Performance Measures Excel Spreadsheet:**

- Simply double-click on the Excel icon located under the *Project Performance Measures* section.
  - An excel sheet will open, please fill out and then click save.

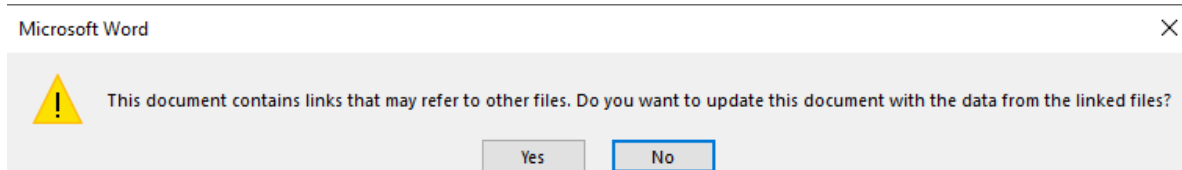
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- Once the Excel spreadsheet is saved, please exit Excel and the spreadsheet will automatically update the icon in the Quarterly Progress Report Word document.

### When opening the document with the **Project Performance Measures Excel Spreadsheet:**

- When you first open the Quarterly Progress Report Template, a warning message will open (image of the warning message below)
  - Click Yes to update the links in the document.



## Performance Measures

Please include the Project's Performance Measures for each Quarterly Invoice and Progress Report to receive reimbursement.

See attached Performance Measures spreadsheet.