

**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: October 1, 2025 – December 31, 2025
Submission Date: January 15, 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.

EMP Land Management Grants

Year 2; Quarter 2 Progress Report

Work Performed this Period:

1. Task 1- Bullfrog Eradication Program

Work during Year 2 Quarter 2 (October 1, 2025 – December 31, 2025) occurred at both Ramona Grasslands and Boulder Oaks Preserve. Each property was visited one (1) time during this reporting period. Please refer to Table 1 for dates of surveys.

Table 1
SURVEY INFORMATION

Site Visit	Survey Date	Survey Time	Weather Conditions	Biologist(s)	Site Surveyed
15	10/16/2025	1800-2400	65 F, 0% cc, 1-2 mph wind	Nelly Moreno Kacee Morell	Boulder Oaks Preserve
15	10/17/2025	0600-1200	59 F, 0% cc, 1-2 mph wind	Nelly Moreno Kacee Morell	Ramona Grasslands Preserve

Ramona Grasslands

The biologists visited Ramona Grasslands on October 17, 2025. The biologists drove around Ponds 1 and 2 with a spotlight to detect eyeshine from bullfrogs. Pond 1 was completely drained at the time of the survey. At Pond 2, bullfrogs in close range were gigged 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 gigging tools and nets, collecting any bullfrogs observed.

During this grant reporting period, 10 bullfrogs (all adults) were eradicated from Pond 2 and Santa Maria Creek at the Ramona Grasslands site. No bullfrogs were captured in Ponds 1 and 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 October 16, 2025. After pedestrian surveys at Ponds 1 & 2, a small boat was used to capture bullfrogs in Ponds 1 and 2. Reeds were maintained 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 mostly dry and there were no bullfrog observations. Bullfrogs were brought to the shore and humanely euthanized prior to stomach content analysis.

EMP Land Management Grants

Year 2; Quarter 2 Progress Report

A total of 10 bullfrogs (2 adults, 8 juveniles) were eradicated at Boulder Oaks during the reporting period. Stomach contents consisted of a garter snake. The increased large-mouth bass (*Micropterus salmoides*) population appears to have reduced bullfrog numbers in Pond 2. Approximately five (5) Western toads (*Anaxyrus boreas*) were observed during the surveys.

This task is approximately 57% complete.

2. Task 2 – Silt Fence Exclusion Program

Work on this task during this performance period consisted of coordination and silt fence maintenance.

This task is approximately 58% 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 bird and a garter snake. Multiple western toads were observed during the surveys. The large-mouth bass population in Pond 2 appears to have increased. No native sensitive species were observed during this quarter's surveys.

This task is approximately 40% 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 47% 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), prepare quarterly SANDAG progress reports, prepare grant invoices, process consultant invoices, work with consultant to adjust implementation schedule and coordinate with SANDAG staff 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 50% complete.

EMP Land Management Grants

Year 2; Quarter 2 Progress Report

Work Anticipated Next Period

Active bullfrog eradication for 2025 was halted after the October 2025 visit due to decreasing temperatures and bullfrog activity. Eradication visits will resume in Spring 2026 when bullfrog activity increases due to warming weather. When visits resume in 2026, visits will occur two times per month to ensure the grant scope of work is completed by the grant completion date of September 2026.

Issues to Note

The biologists again noted that the large-mouth bass population in Pond 2 at Boulder Oaks appears to be increasing. Although large-mouth bass assist with bullfrog population control, they could become a barrier to increasing habitat suitability for western pond turtle and red-legged frog due to predation. This issue will be evaluated as eradication efforts continue.

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.kri**



Photograph 1: Deceased adult bullfrogs and juveniles Pond 1 at Boulder Oaks.

EMP Land Management Grants

Year 2; Quarter 2 Progress Report



Photograph 2: Egg mass from female bullfrog at Boulder Oaks.



Photograph 3: Filled Pond 2 at Ramona Grasslands.

EMP Land Management Grants

Year 2; Quarter 2 Progress Report



Photograph 4: Bullfrog preferred habitat in Pond 2 at Ramona Grasslands.

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) or Emily Perkins (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:**

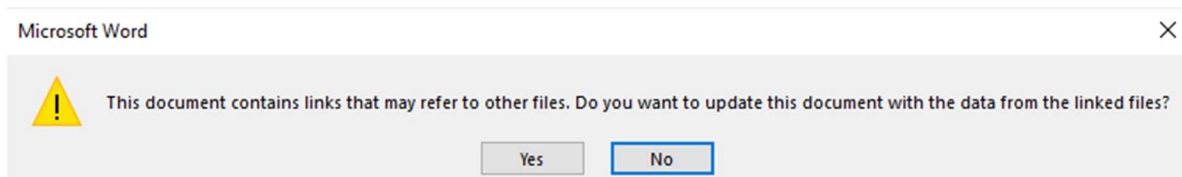
- Simply double-click on the Excel icon located under the *Project Performance Measures* section.
 - An excel sheet will open, please fill out and then click save.
- Once the Excel spreadsheet is saved, please exit Excel and the spreadsheet will automatically update the icon in the Quarterly Progress Report Word document.

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

EMP Land Management Grants

Year 2; Quarter 2 Progress Report

- 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.