

**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: July 1, 2025 – September 30, 2025
Submission Date: October 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 1 Progress Report

Work Performed this Period:

1. Task 1- Bullfrog Eradication Program

Work during Year 2 Quarter 1 (July 1, 2025 – September 30, 2025) occurred at both Ramona Grasslands and Boulder Oaks Preserve. During this quarter the number of visits to each property was increased to ensure completion by the new grant end date of September 13, 2026. Each property was visited six (6) times 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
9	7/25/2025	1800-2400	73 F, 0% cc, 1-2 mph wind	Nelly Moreno Kacee Morell	Boulder Oaks Preserve
9	7/26/2025	0700-1300	70 F, 0% cc, 1-2 mph wind	Nelly Moreno Kacee Morell	Ramona Grasslands Preserve
10	7/30/2025	1700-2300	70 F, 0% cc, 1-3 mph wind	Nelly Moreno Kacee Morell	Ramona Grasslands Preserve
10	7/31/2025	1730-0030	72 F, 0% cc, 1-3 (mph) wind	Nelly Moreno Kacee Morell	Boulder Oaks Preserve
11	8/14/2025	0700-1230	71 F, 0% cc, 1-5 mph wind	Nelly Moreno Kacee Morell	Boulder Oaks Preserve
11	8/15/2025	0700-1300	65 F, 0% cc, 1-2 mph wind	Nelly Moreno Kacee Morell	Ramona Grasslands Preserve
12	8/25/2025	0700-1300	73 F, 40% cc, 1-3 mph wind	Nelly Moreno Kacee Morell	Ramona Grasslands Preserve
12	8/26/2025	1800-2400	78 F, 0% cc, 1-5 mph wind	Nelly Moreno Kacee Morell	Boulder Oaks Preserve
13	9/10/2025	1800-0030	69 F, 0% cc, 1-5 mph wind	Nelly Moreno Kacee Morell	Ramona Grasslands Preserve
13	9/11/2025	1800-0030	66 F, 0% cc, 1-5 mph wind	Nelly Moreno Kacee Morell	Boulder Oaks Preserve
14	9/18/2025	1700-2230	75 F, 0% cc, 1-3 mph wind	Nelly Moreno Kacee Morell	Boulder Oaks Preserve
14	9/19/2025	500-2230	60 F, 0% cc, 1-3 mph wind	Nelly Moreno Kacee Morell	Ramona Grassland Preserve

Ramona Grasslands

The biologists visited Ramona Grasslands on July 26 & 30, August 15 & 25, and September 10 & 19. The biologists drove around Ponds 1 and 2 with a spotlight to detect eyeshine from bullfrogs. Pond 1 was completely drained. At Pond 2, 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

EMP Land Management Grants

Year 2; Quarter 1 Progress Report

Maria Creek, the biologists waded into the water and used gigging tools and nets, collecting any bullfrogs observed.

During this grant reporting period, 74 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 July 25 & 31, August 14 & 25 and September 11 & 18. 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 had little to no water and there were no bullfrog observations. Bullfrogs were brought to the shore and humanely euthanized prior to stomach content analysis.

A total of 155 bullfrogs were eradicated at Boulder Oaks during the reporting period. Fifty-five bullfrogs (55 adults, 99 juveniles, 1 tadpole) were eradicated during the reporting period. Stomach contents consisted of crayfish, insect larvae, an unidentified bird and a garter snake. Multiple Western toads were observed during the surveys. The increased large-mouth bass (*Micropterus salmoides*) population appears to have reduced bullfrog numbers in Pond 2. Several western toads (*Anaxyrus boreas*) were observed during the surveys.

This task is approximately 51% 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 55% 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.

EMP Land Management Grants

Year 2; Quarter 1 Progress Report

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 40% 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.

Work Anticipated Next Period

Surveys will continue in October 2025 at both Ramona Grasslands and Boulder Oaks. October will be the final month of active bullfrog eradication for 2025 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 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.

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:**

EMP Land Management Grants

Year 2; Quarter 1 Progress Report

- 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: Biologist using gigging spear at Pond 2 at Boulder Oaks.



Photograph 2: Deceased bullfrogs from Pond 1 at Boulder Oaks.

EMP Land Management Grants
Year 2; Quarter 1 Progress Report



Photograph 3: Egg mass from female bullfrog at Boulder Oaks.



Photograph 4: Drained Pond 1 at Ramona Grasslands.

EMP Land Management Grants
Year 2; Quarter 1 Progress Report



Photograph 5: Deceased bullfrog from Pond 2 at Ramona Grasslands.



Photograph 6: Froglets from Pond 1 at Boulder Oaks.

EMP Land Management Grants

Year 2; Quarter 1 Progress Report

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

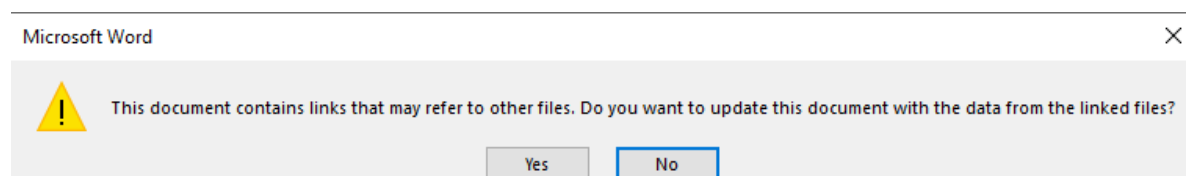
SANDAG will utilize the SANDAG Performance Measures to document compliance with the Project. Grantee's performance will be measured against the Performance Measures (Exhibit D) during the term of the project. More details on Performance Measures and Grant Recovery Plans are outlined in the Grant Agreements.

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**:

- 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.