

**San Diego Association of Governments  
Otay Mesa Vernal Pool Restoration  
City of San Diego, Parks & Recreation Department  
Quarterly Progress Report  
Reporting Period: April 1 to June 30, 2024  
Submission Date: 7/22/24  
SANDAG Contract Number: S1125467**

Work Performed this Period:

**1. Task 1- Implementation**

Percent complete: 90%.

The remaining implementation tasks are vernal pool seed collection and bulking that started this Quarter 2, installation of cactus cuttings in the Fall and fence installation Summer/Fall.

**2. Task 2-Monitoring**

Percent complete: 66%

Monitoring visits occurred on 4/23/24 and 5/16/24 to photo document progress of the project site.

New occurrences of sensitive or endangered vernal pool species: *Pogogyne nudiuscula*, *Eryngium aristulatum* var. *parishii* and *Navarretia fossalis* and previously observed *Myosorus minimus* were observed in the vernal pool in photo point 3. Seeds or plugs of these species were broadcast/installed earlier in the season. Fairy shrimp were also observed in the vernal pool when filled.



**EMP Land Management Grants**  
*Quarterly Progress Report*



Photo Point 1: 8/3/23 – Looking South. No work completed yet.



Photo Point 1: 10/23/23 – Looking South. Area weed whacked.



**EMP Land Management Grants**  
*Quarterly Progress Report*



Photo Point 1: 3/6/24 – Looking South.



Photo Point 1: 3/29/24 – Looking South.



**EMP Land Management Grants**  
*Quarterly Progress Report*



Photo Point 1: 4/23/24 – Looking South.



Photo Point 1: 5/16/24 – Looking South.



**EMP Land Management Grants**  
*Quarterly Progress Report*



Photo Point 2: 8/3/23 – Looking North. Slope in the background before any work.



Photo Point 2: 10/23/23 – Looking North. Slope in the background lower portion weed whacked.



**EMP Land Management Grants**  
*Quarterly Progress Report*



Photo Point 2: 11/3/23 – Looking North. Slope in the background lower portion weed whacked.



Photo Point 2: 11/14/23 – Looking North. Slope in the background upper portion weed whacked.



**EMP Land Management Grants**  
*Quarterly Progress Report*



Photo Point 2: 2/13/24 – Looking North.



Photo Point 2: 2/29/24 – Looking North.



**EMP Land Management Grants**  
*Quarterly Progress Report*



Photo Point 2: 3/29/24 – Looking North.



Photo Point 2: 4/23/24 – Looking North.



**EMP Land Management Grants**  
*Quarterly Progress Report*



Photo Point 2: 5/16/24 – Looking North.



Photo Point 3: 9/8/23 – Looking West. Vernal pool in foreground.



**EMP Land Management Grants**  
*Quarterly Progress Report*



Photo Point 3: 10/23/23 – Looking West. Area around vernal pool weed whacked.



Photo Point 3: 2/13/24 – Looking West. Vernal pool in foreground.



**EMP Land Management Grants**  
*Quarterly Progress Report*



Photo Point 3: 2/29/24 – Looking West. Vernal pool in foreground.

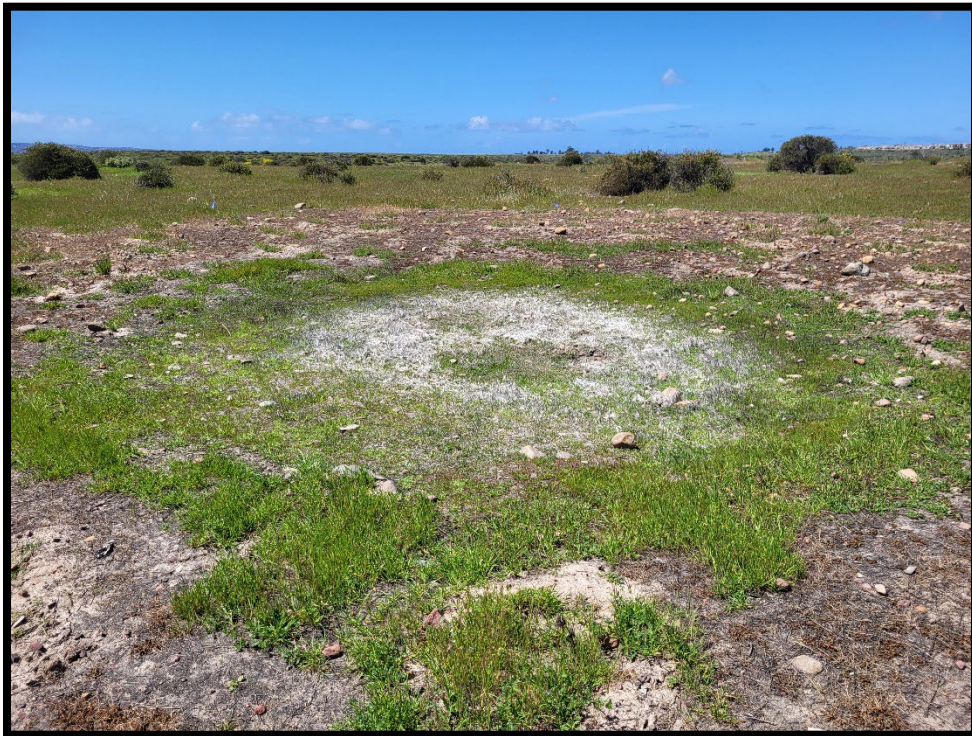


Photo Point 3: 3/29/24 – Looking West. Vernal pool in foreground.



**EMP Land Management Grants**  
*Quarterly Progress Report*



Photo Point 3: 4/23/24 – Looking West. Vernal pool in foreground.



Photo Point 3: 5/16/24 – Looking West. Vernal pool in foreground.



**EMP Land Management Grants**  
*Quarterly Progress Report*



Photo Point 4: 9/8/23 – Looking South. Trash in foreground and weeds on slope.



Photo Point 4: 10/23/23– Looking South. Lower slope weed whacked.



**EMP Land Management Grants**  
*Quarterly Progress Report*



Photo Point 4: 2/13/24 – Looking South.



2/29/24 Photo Point 4: 2/29/24 – Looking South.



**EMP Land Management Grants**  
*Quarterly Progress Report*



Photo Point 4: 3/29/24 – Looking South.



Photo Point 4: 4/23/24 – Looking South.



**EMP Land Management Grants**  
*Quarterly Progress Report*



Photo Point 5: 9/7/23 – Looking North. Access road weed whacked.



Photo Point 5: 2/13/24 – Looking North.



**EMP Land Management Grants**  
*Quarterly Progress Report*



Photo Point 5: 4/23/24 – Looking North.



Photo Point 5: 5/16/24 – Looking North. Weeds dying.



**EMP Land Management Grants**  
*Quarterly Progress Report*



Photo Point 6: 10/26/23 – Looking East. Lower slope weed whacked.



Photo Point 6: 11/3/23 – Looking East. Lower slope planted.



**EMP Land Management Grants**  
*Quarterly Progress Report*



Photo Point 6: 3/6/24 – Looking East.



Photo Point 6: 3/29/24 – Looking East.



**EMP Land Management Grants**  
*Quarterly Progress Report*



Photo Point 6: 4/23/24 – Looking East.



Photo Point 6: 5/16/24 – Looking East.



**EMP Land Management Grants**  
*Quarterly Progress Report*



Photo Point 7: 10/23/23 – Looking East. No work completed yet.



Photo Point 7: 10/26/23 – Looking East. Lower slope weed whacked.



**EMP Land Management Grants**  
*Quarterly Progress Report*



Photo Point 7: 11/3/23 – Looking East. Lower slope plants installed.



Photo Point 7: 3/6/24 – Looking East.



**EMP Land Management Grants**  
*Quarterly Progress Report*



Photo Point 7: 3/29/24 – Looking East.



Photo Point 7: 4/23/24 – Looking East.



**EMP Land Management Grants**  
*Quarterly Progress Report*



Photo Point 7: 5/16/24 – Looking East.



Photo Point 8: 8/3/23 – Looking Southwest. No work completed yet.



**EMP Land Management Grants**  
*Quarterly Progress Report*



Photo Point 8: 10/23/23 – Looking Southwest. Weed whacking being performed.



Photo Point 8: 10/26/23 – Looking Southwest. Area weed whacked.



**EMP Land Management Grants**  
*Quarterly Progress Report*



Photo Point 8: 11/3/23 – Looking Southwest. Plants installed with buffer.



Photo Point 8: 3/6/24 – Looking Southwest.



**EMP Land Management Grants**  
*Quarterly Progress Report*



Photo Point 8: 3/29/24 – Looking Southwest.



Photo Point 8: 4/23/24 – Looking Southwest.





Photo Point 8: 5/16/24 – Looking Southwest.



**EMP Land Management Grants**  
*Quarterly Progress Report*

**3. Task 3- Maintenance**

Percent complete: 95%.

**During this 2nd quarter 2024 reporting period weed control was performed in the SW and NE Otay Mesa project sites.**



On 4/23/24, 4/24/24 4/25/24, Helix Environmental performed weed control and dethatching in the SW project area.



**EMP Land Management Grants**  
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On 4/23/24, 4/24/24 4/25/24, Helix Environmental performed weed control and dethatching in the SW project area.



**EMP Land Management Grants**  
*Quarterly Progress Report*



On 4/23/24, 4/24/24 4/25/24, Helix Environmental performed weed control and dethatching in the SW project area.



**EMP Land Management Grants**  
*Quarterly Progress Report*



On 4/23/24, City staff performed weed control in the SW project area.



On 4/30/24, City staff performed weed control in the SW project area.



**EMP Land Management Grants**  
*Quarterly Progress Report*



On 5/16/24, Helix Env. performed weed control and dethatch in the SW area.



On 6/21/24, 6/25/24 and 6/26/24, City staff performed weed control and watering maintenance in the SW project area.



## EMP Land Management Grants

### *Quarterly Progress Report*

#### **Work Anticipated Next Period**

City staff will perform weed control, dethatching, trash pickup, fence installation and habitat restoration watering maintenance. Contractors will perform seed collection and propagation.

#### **Issues to Note**

Some of the planting areas appeared to have gotten too wet during the rainy season and drowned the newly installed plants. We will continue to monitor and see if they resprout as the areas continue to dry out. Signs of herbivory observed on some of the newly installed plants.

#### **Performance Measures**



Performance Measures-2020MVP.xls