



CALL FOR PROJECTS FOR THE NINTH CYCLE OF THE
TransNet ENVIRONMENTAL MITIGATION PROGRAM
LAND MANAGEMENT GRANT PROGRAM
SPECIES AND HABITAT RECOVERY GRANT APPLICATION FORM

Grant Application Form and required supplementary materials (hereafter referred to as "proposal") cannot exceed 12 pages.

Applicant Name1: City of Chula Vista

Address: 276 Fourth Avenue, Chula Vista, CA 91910

Phone and Email Address: (619)476-2329 / cgoddard@chulavistaca.gov

Name of Property: Rolling Hills Ranch Preserve

General Location: Mount San Miguel (MSP MU3)

Jurisdiction: City of Chula Vista

Total Acres: 237.6 acres

Estimated Acres Requiring Management: 0.80 acre

Owner(s) of Property2: City of Chula Vista

Land manager(s) of property (include name[s]): City of Chula Vista

Brief Project Summary that includes your primary goal and objectives (200-word maximum)

The goal of the project is to restore habitat and reduce the encroachment of weeds on habitat for Quino checkerspot butterfly, variegated dudleya, and coastal California gnatcatcher, as well as disturbance to historic golden eagle nest sites, through revegetation of an unauthorized trail on the Rolling Hills Ranch Preserve. The trail, which leads to the summit of Mount San Miguel, was succesfully closed in June 2015 through a combination of access control measures (e.g., installation of fencing, signage, and gates) and public outreach. Trail restoration would complement ongoing preserve management efforts to control access, reduce invasive species, and manage sensitive species populations within the Rolling Hills Ranch Preserve. Activities would include invasive species control with follow-up herbicide treatments, planting of native coastal sage scrub species, seed collection and redistribution of Quino checkerspot butterfly host and nectar plants, and vegetation monitoring. The methodologies used in this proposal are similar to those used to revegetate roads and successfully restore Quino checkerspot butterfly habitat for the Section A-1 Revegetation Project on Otay Mountain. This project is consistent with the management efforts and goals and objectives for Quino checkerspot butterfly, variegated dudleya, and golden eagle as prescribed in San Diego Management and Monitoring Program's (SDMMP's) Management Strategic Plan (MSP).

Quantify Expected Results (add bullets as necessary)

- Restore Quino checkerspot butterfly and coastal sage scrub habitat
Increase the diversity and abundance of Quino checkerspot butterfly host and nectar plants
Expand the population of variegated dudleya
Reduce invasive seed sources that can migrate into adjacent sensitive habitat
Reduce human disturbance to nesting birds, including golden eagle and coastal California gnatcatcher, by reducing the visibility of and access to the trail

1 While collaboration is encouraged in the development of the grant proposal, the proposal must identify one organization as the lead entity that will enter into an Agreement with SANDAG.

2 If the applicant is not the landowner, please submit a letter or right-of-entry permit from the land owner granting permission to perform the land management duties as outlined in the proposal. Failure to provide the letter or right-of-entry permit will lead to disqualification of the proposal. Attached letter or right-of-entry permit (if applicable) does not count towards 12-page maximum.

Brief Description of dedicated staff and/or consultants that would work on Project (200-word maximum)

City of Chula Vista (City) Multiple Species Conservation Program (MSCP) staff will be utilized to administer the overall implementation of the project in accordance with the conditions specified in the San Diego Association of Governments' (SANDAG's) standard contract. A qualified biological consultant, familiar with the City's MSCP Subarea Plan, Rolling Hills Ranch Area Specific Management Directives, and the SDMMMP MSP will be retained by the City to perform the revegetation activities described in Exhibit A of this proposal. To be considered for this project, prospective biological consultants shall demonstrate to City MSCP staff under the direct oversight of the City's Development Services Director that they possess the necessary biological technical services to successfully implement the City's trail restoration project detailed in Exhibit A of this grant proposal.

Funding Needs Summary

Please indicate how much funding is being requested from SANDAG and any matching funding proposed.

Budget Item	Requested Funding Amount	Proposed Matching Funds*	Description
Personnel Expenses Staff	\$0	\$0	Includes staff time for non-administrative work on the project
Personnel Administrative Expenses	\$0	\$4,500	Includes all staff time to administer the contract
Consultant Expenses	\$192,490	\$0	Includes all costs for consultant services
Other Direct Expenses	\$0	\$0	Includes all equipment, supplies, mileage, etc.
Indirect Costs ³	\$0	\$0	All indirect charges (e.g., overhead) on the project, if any.
Totals	\$192,490	\$4,500	

*if applicable

Are there matching funds available? Yes No

If yes, how are the matching funds assured (100-word maximum)?

The City will contribute to the project through use of in-kind resources, more specifically, through the use of City staff time. City staff time will be utilized to implement the proposed project, public outreach, and to administer consultant contracts. City staff time for this project, and all MSCP-related projects, is assured due to the City's obligation to implement the provisions of the City's MSCP Subarea Plan pursuant to the Implementing Agreement between the Wildlife Agencies and City of Chula Vista.

Attach a letter from the organization/partner that ONLY provides confirmation that they are committed to providing the matching funds proposed for this project. Letters confirming matching funds will not count toward the 12-page limit. (General letters of support not related to commitment of matching funds will NOT be accepted and will NOT be considered as part of the proposal).

³ Indirect Costs are only allowable if: (1) applicant has an indirect cost allocation plan audit approved by a qualified independent auditor or (2) the applicant's proposed method for allocating indirect costs is submitted with the proposal in accordance with OMB guidelines and approved by SANDAG. Indirect costs will not be reimbursed until one of the two conditions above are satisfied and indirect cost allocation plans must be renewed annually. **The indirect cost methodology (if applicable) included with the application does not count toward the 12-page maximum.**

PROJECT PROPOSAL

The proposal will include (A) the purpose of the project, (B) the scope of work by tasks, (C) the proposed budget, including matching funds, by task, and (D) a schedule for each task. Applicants must clearly identify their proposed tasks in the scope of work, funding requested for each task (please identify staff hours and cost separately from consultant costs), start and end dates of the tasks, and deliverables. *Applicants are encouraged to identify phasing and prioritization of tasks in their proposal in case full funding for the project is not available.*

A. Project Purpose

Address the following in the proposal:

1. Describe the proposed management activity(ies) and how it relates to the Management Strategic Plan (MSP) for Conserved Lands in Western San Diego County. Is there current management occurring or has past management occurred on the property (please describe)? If the proposed management activity is based on the results from past field inspections of the species occurrence, describe the conditions and management needs identified and whether or not the data has been provided to the San Diego Management and Monitoring Program. If implementing fire management actions, describe the management technique being used and whether a fire plan currently exists. The City is proposing to implement a multi-year trail restoration project, focused on restoring habitat within a user-created trail for Quino checkerspot butterfly (MSP Species at Risk of Loss [SL]), variegated dudleya (MSP Species Not Considered at Risk of Loss, But Still Requires Management [SS]), and coastal California gnatcatcher (MSP Species with Limited Distribution [VF]). By reducing visibility of and access to the trail, the project will also prevent human disturbance of the historic golden eagle (MSP Significant Occurrence at Risk of Loss [SO]) nest sites on Mount San Miguel.

Activities in this grant proposal that will benefit these MSP species and their habitats include dethatching annual weeds with follow-up herbicide treatments to reduce encroachment of weeds into habitat, native seed collection and redistribution to expand habitat for Quino checkerspot butterfly and variegated dudleya, and container plantings to expand habitat for coastal California gnatcatcher and reduce the visibility of the trail. To achieve these goals, a total of 0.80 acre will be restored using three different planting treatments: a mixed coastal sage scrub revegetation/Quino checkerspot butterfly habitat enhancement area (Zone A), Quino checkerspot butterfly habitat enhancement area (Zone B), and coastal sage scrub revegetation area (Zone C) (Figure 1).

The trail was successfully closed in June 2015 through a combination of access control measures (e.g., fencing, signage, and gates) and public outreach. According to camera traps deployed by the U.S. Fish & Wildlife Service, use of the trail declined from an estimated 2,500 individuals per weekend in Summer 2014 to 2 individuals per weekend in Fall 2016. Ongoing monitoring and management of the property, including access control and public outreach activities, are funded by the City through a Community Facilities District. Past monitoring activities have included MSP Inspect & Manage (IMG) monitoring of the variegated dudleya population (EO-46) within and adjacent to the trail in 2016. Based on these monitoring results, non-native plant encroachment and unauthorized trail use were identified as threats to the population. Coastal California gnatcatcher individuals were also incidentally observed within the vicinity of the trail during preserve monitoring activities in 2016 and 2017. These occurrences have been reported to the SDMMMP. Trail revegetation would complement ongoing monitoring and management activities on the Rolling Hills Ranch Preserve and San Diego National Wildlife Refuge (SDNWR), as well as future restoration efforts for Quino checkerspot butterfly to be implemented through the City's Quino Checkerspot Butterfly Recovery Program.

2. Which MSP species and their habitats will benefit from the proposed management activity? Which specific MSP objective(s) and action(s) will be implemented? Name the specific MSP species occurrence(s) to benefit from the management activity, if applicable. The following MSP species and their habitats will benefit from the proposed project: Quino checkerspot butterfly, variegated dudleya, golden eagle, and coastal California gnatcatcher.

Quino Checkerspot Butterfly. The project will implement MSP Objective MGT-IMP EPHYEDI-12, which calls for the implementation of invasive plant control and other post-fire management actions as needed to ensure the recovery of Quino checkerspot butterfly at sites occupied within the last 10 years to facilitate habitat recovery, particularly forbs and host plants after wildfire events. The project will benefit areas known to

previously support Quino checkerspot butterfly (EO-6) by controlling weeds and increasing cover of host and nectar plants in an area affected by the 2007 Harris Fire.

Variegated Dudleya. The project will implement MSP Objective MGT-IMP DUDVAR-2, which calls for implementation of routine management actions as identified through IMG monitoring in 2016, 2018, and 2020 at variegated dudleya on Conserved Lands. The project will benefit a known variegated dudleya population (EO-46; DUVA_3RHRA007) by reducing threats identified during IMG monitoring in 2016, such as illegal access and encroachment of invasive plants from the an unauthorized trail. In 2017, the population was estimated to be a total of 10,785 individuals in 66 patches.

Golden Eagle. The project is consistent with the MSP goal for golden eagle, which is to maintain a self-sustaining population on Conserved Lands by improving reproductive success through the protection of active and inactive nest sites from human disturbance and minimizing human impacts to foraging eagles. The project will benefit the historic golden eagle nest sites on Mount San Miguel, as well as reduce human access to use areas on Mount San Miguel for GOEA-SD-Fo11 and GOEA-SD-Moo1 based on the USGS telemetry data. These individuals do not have MSP occurrence numbers.

The project will also benefit **coastal California gnatcatcher** by expanding occupied habitat within the preserve. There are no management objectives or occurrence numbers for coastal California gnatcatcher within the MSP.

3. To be eligible for funding, the proposed project must be within the MSP area. In which Management Unit is the project located? (Attach a map). The proposed project is located within Management Unit 3 (see Figure 1 attached).
4. Describe the stressors and/or threats to the MSP species and their habitats in the project area that will be addressed through implementation of this project proposal. Implementation of this project proposal would address threats from human disturbance to Quino checkerspot butterfly, variegated dudleya, golden eagle, and coastal California gnatcatcher by reducing visibility of the trail and reducing access to the area. The project would reduce the risk of trampling for variegated dudleya occurring within and directly adjacent to the trail, as well as Quino checkerspot butterfly habitat occurring directly adjacent to the trail. The project would also reduce disruption to nesting coastal California gnatcatcher by reducing noise and intrusion, as well as reducing access in the vicinity of the historic golden eagle nest sites on Mount San Miguel.

Recent site reconnaissance also identified Russian thistle and other weeds occurring within the trail and encroaching into the adjacent habitat. These species compete for light and water with native species, particularly variegated dudleya and Quino checkerspot butterfly host and nectar plants. Compounding with the threats associated with invasive species, past disturbance of the area (i.e., unauthorized recreational use and fire) have also reduced the diversity of native plants. In order to increase the diversity and abundance of Quino checkerspot butterfly host and nectar plants, native grass and forb seed will be collected from the surrounding preserve and redistributed within or adjacent to the restoration areas.

5. Describe the management techniques proposed, including whether they have been previously used successfully and where. Are there any negative effects to MSP and other sensitive species and their habitats that could result from the proposed management action? The methods outlined in this scope of work are similar to those used to revegetate roads for the Section A-1 Revegetation Project on Otay Mountain. The success of the Section A-1 Revegetation Project enabled Quino checkerspot butterfly to colonize revegetated areas formerly used as roads. Consistent with the successful efforts on Otay Mountain, the methods proposed through this program involve dethatching, container planting, seed collection and dispersal, follow-up weed treatments, and watering in different planting zones targeted at specific restoration objectives (e.g. coastal sage scrub revegetation, Quino checkerspot butterfly habitat enhancement).

To ensure no negative effects to coastal California gnatcatcher will occur, all use of weed whips will be done outside of the breeding season (i.e., February 15 through August 15). Additionally, the project biologist will flag known populations of variegated dudleya and Quino checkerspot butterfly host plants within, and adjacent to, the trail throughout project implementation and oversee implementation and maintenance tasks to ensure potential impacts to adjacent sensitive species and their habitats are minimized.

6. What strategic approach will be used to ensure the successful, long-term outcome of the proposed project (e.g. upstream exotic removal prior to downstream, future on-going maintenance)? Which adjacent conserved lands will not be included and why? Restoration and enhancement will begin by mechanical removal (i.e., dethatching) of non-native plant species and their removal from the site. Following dethatching, the site will be replanted using container plants and seed from locally-collected seed sources. Regrowth of non-native plant species will be treated with herbicide prior to seed set, and supplemental watering of the container plants will occur as needed throughout the 3-year establishment period. Monitoring will occur throughout the 3-year establishment period and will consist of periodic site checks (once per week for the first 3 months, then monthly during the growing season), repeat photographs from established photo point locations, and ground cover estimates using the releve method. Following the initial 3-year establishment period, long-term management of the site will be the responsibility of the City of Chula Vista. Funding for the long-term maintenance and access control efforts is secured through an existing Community Facilities District.

Adjacent lands not selected for this project include: San Miguel Habitat Management Area to the west, Homeowner's Association-managed open space to the east and west, private parcels and SDNWR to the north, and Proctor Valley Road to the south. Though the trail extends into SDNWR and private parcels to the north, these areas have not been included due to lack of access to the private parcel and prohibitive costs due to the remoteness of the SDNWR parcels. Areas to the south, east, and west were not selected as the trail does not run through these parcels.

7. What are the goals and objectives for the proposed project? What criteria/metrics will be used to measure success? If applicable, what quantitative monitoring data will be collected to evaluate success? Who will be collecting the monitoring data and what are their qualifications? The proposed project implements specific SDMMSP MSP MU₃ goals and objectives for Quino checkerspot butterfly and variegated dudleya by implementing management actions such as invasive plant control as well as MU₃ goals for golden eagle by protecting historic nest sites and foraging habitat from human disturbance. The MSP goals and objectives will be accomplished by reducing visibility of and access to the trail and non-native plant cover through intensive weed control, planting of coastal sage scrub species, seed collection and redistribution of Quino checkerspot butterfly host and nectar plants and variegated dudleya, and follow-up maintenance and monitoring. Quantitative monitoring will include annual estimates of native and non-native cover using the releve method. Repeat photographs will also be taken annually to provide a visual record of changes in the vegetative cover within the trail. A qualified biological consultant, familiar with the Chula Vista MSCP Subarea Plan, Rolling Hills Ranch Preserve Area Specific Management Directives, and the SDMMSP MSP will collect the monitoring data. The consulting biologist will have experience monitoring Quino checkerspot butterfly habitat restoration and in vegetation sampling using the relevé method.
8. How will the applicant manage the data collected? What software will be used to house the data? Who will be responsible for compiling and transferring the data to SANDAG? Who will be preparing the required quarterly, final, and all other reports? The data will be collected on tablets using a sub-meter GPS receiver, compiled using ArcGIS, and submitted to SanBIOS and SC-MTX by a qualified biologist. The City will prepare and submit quarterly progress reports to SANDAG as well as transfer data to SANDAG.
9. Has the proposed project received *TransNet* Environmental Mitigation Program (EMP) funds previously? If so, what was accomplished with the funds and why are additional funds being requested? No prior EMP funds have been allocated to this specific project.
10. Is the proposed activity being done on land that was previously set aside as mitigation? If yes, please elaborate. Areas selected for this project are located within the Rolling Hills Ranch Preserve. The Rolling Hills Ranch Preserve is a 237.6-acre habitat conservation area that was dedicated to the City in association with the Salt Creek Ranch master planned community for the long-term preservation of sensitive species and habitats, including Quino checkerspot butterfly, coastal California gnatcatcher, Otay tarplant, and variegated dudleya.

B. Scope of Work by Task

Please break down the proposal into discrete tasks and include a task name, description of each task, quantifiable expected results, and discrete deliverables for each task. *Note: make sure to list tasks for quarterly reporting on the status of the grant project and a final report on the outcome of the grant project. You may add or subtract rows as needed.*

Exhibit A – Proposed Project Scope of Work

Task No.	Task Name	Task Description	Quantifiable Results/Deliverables
1	Field Assessment (Pre-implementation Monitoring)	Prior to implementation, the project biologist shall conduct a field assessment to assess the condition of the site, delineate the restoration area, and flag variegated dudleya individuals occurring within the trail for avoidance.	The pre-implementation field assessment will be used to assess the condition of the site prior to initiation of site preparation efforts and ensure sensitive plant populations are avoided during project implementation.
2	Vegetation Monitoring (Pre-implementation monitoring)	Prior to initiating dethatching, vegetation cover will be estimated using the rapid assessment method.	The results of the pre-implementation vegetation monitoring will provide a baseline condition to compare to the site conditions at the end of the 3-year restoration program.
3	Photo Monitoring (Pre-implementation monitoring)	Prior to initiating dethatching, permanent photo points will be established along the trail.	The results of the pre-implementation photo monitoring will be used as a visual baseline to compare the site conditions at the end of the three-year restoration program.
4	Site Preparation	Based on the results of the pre-implementation monitoring, dethatching shall occur in areas dominated by non-native plant species where appropriate. Dethatched plant material will be raked and composted on-site. Raking will also prepare the site for seed re-distribution. Irrigation will be installed to provide water for container plantings.	Dethatching of non-natives will prepare the site for planting and reduce competition for resources with Quino checkerspot butterfly host and nectar plants and variegated dudleya. Installation of irrigation will ensure success of container plantings.
5	Planting	Container plants consisting of coastal sage scrub species will be planted within the restoration area.	Container planting will increase the cover of coastal California gnatcatcher habitat, reduce the visibility of the trail, and increase native plant cover that will support native pollinators.
6	Seed Collection & Re-distribution	Seeds from Quino checkerspot butterfly host and nectar plants, variegated dudleya, and other annuals shall be collected from adjacent Preserve areas and redistributed within the restoration areas.	Seed redistribution will increase the cover of Quino checkerspot butterfly host and nectar plants, expand the population of variegated dudleya, and increase native plant cover that will support pollinators.
7	Follow-up Maintenance	Newly germinated weeds will be controlled using glyphosate or removed by hand prior to seed set. Container plantings will be watered as needed.	Follow up weed control will reduce non-native plant cover and competition with Quino checkerspot butterfly host and nectar plants, variegated dudleya, and other native plants within the restoration site. Supplemental watering will occur as needed to ensure survivorship of container plantings.
8	Vegetation Monitoring	Vegetation cover will be estimated using the releve method.	Vegetation monitoring will be conducted annually to assess changes in the native and non-native cover during the three-year project.

Task No.	Task Name	Task Description	Quantifiable Results/Deliverables
9	Photo Monitoring	Photos will be taken annually from the established photo points to provide a visual record of changes in the density and distribution of both native and non-native plants.	Photo monitoring will be used to compare site conditions throughout the three-year duration of the restoration program.
10	Quarterly Reports	Quarterly progress reports will be prepared and submitted to SANDAG to document restoration activities.	Each year, three quarterly progress reports will be submitted that provide a status update for each task performed. The quarterly reports will cover the following periods: January 1 to March 31; April 1 to June 30; July 1 to September 30; and October 1 to December 31. The reports will be submitted to SANDAG within three weeks after each period.
11	Annual Reports	Annual reports will summarize restoration efforts and monitoring results. (Annual report will also serve as the fourth quarterly progress report). The report will include management recommendations for the following season.	An annual report will be prepared that summarizes the results of the maintenance and monitoring tasks performed each year. The annual report will include representative photos of the work performed. Monitoring and management data will be submitted to the SC-MTX website portal.
12	Final Report (Year 3)	The final report (Year 3) will discuss monitoring results and will include a discussion of future management needs for the restoration site as well as the surrounding Preserve. The final report will also serve as the fourth quarterly progress report and annual report for year 3 of the project.	The final report (Year 3) will discuss maintenance and monitoring results. The final report will also discuss future management needs for the restoration site and surrounding Preserve. Monitoring and management data will be submitted to the SC-MTX website portal.
13	Misc. Consultant Expenses	This task will include miscellaneous consultant expenses associated with container plants, seed, herbicide, irrigation, water truck rental, water, GPS rental, and printing for Tasks 1-12.	This task budget will allow for purchase of materials associated with planting, seeding, spraying, and watering of the site. The GPS equipment will be used for mapping sensitive species and host/nectar plant locations for use in the annual reports.
"n"	City of Chula Vista Administrative	City of Chula Vista Administration tasks will include a variety of coordination and administration tasks to be completed by the City of Chula Vista throughout the duration of the project.	Matching funds will be used to: Oversee the biological contractor; Review and submit quarterly reports; Contract administration/invoice review; and Participate in local community group meetings.

C. Budget by Task

Please include a specific budget for each task described in the Scope of Work (Section B above). This should include both requested SANDAG funds and any matching funds proposed for each project year. *If matching funds are proposed, please distribute the match commitment proportionately².* Applicants are encouraged to identify phasing in their proposal in case full funding for the project is not available. You may add or subtract rows and columns as needed. *This funding category is intended to fund restoration and enhancement projects taking place over a three- to five-year period and will not cover on-going annual costs within applicant's organization.*

Exhibit B – Proposed Project Budget

Task No.	Task Name	Year 1 Grant Request	Year 1 Matching Funds ¹	Year 2 Grant Request	Year 2 Matching Funds ¹	Year 3 Grant Request	Year 3 Matching Funds ¹	Year 4 Grant Request	Year 4 Matching Funds ¹	Year 5 Grant Request	Year 5 Matching Funds ¹	Total Grant Request	Total Matching Funds	Total Project Cost
1	Field Assessment (Pre-implementation Monitoring)	\$1,281	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,281	\$0	\$1,281
2	Vegetation Monitoring (Pre-implementation monitoring)	\$2,473	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,473	\$0	\$2,473
3	Photo Monitoring (Pre-implementation monitoring)	\$601	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$601	\$0	\$601
4	Site Preparation	\$16,170	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,170	\$0	\$16,170
5	Planting	\$17,812	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,812	\$0	\$17,812
6	Seed Collection & Re-distribution	\$4,109	\$0	\$4,171	\$0	\$4,236	\$0	\$0	\$0	\$0	\$0	\$12,518	\$0	\$12,518
7	Follow-up Maintenance	\$36,971	\$0	\$30,899	\$0	\$23,679	\$0	\$0	\$0	\$0	\$0	\$91,549	\$0	\$91,549
8	Vegetation Monitoring	\$1,802	\$0	\$1,856	\$0	\$1,911	\$0	\$0	\$0	\$0	\$0	\$5,569	\$0	\$5,569
9	Photo Monitoring	\$694	\$0	\$714	\$0	\$736	\$0	\$0	\$0	\$0	\$0	\$2,144	\$0	\$2,144
10	Quarterly Reports	\$1,762	\$0	\$1,815	\$0	\$1,870	\$0	\$0	\$0	\$0	\$0	\$5,447	\$0	\$5,447
11	Annual Reports	\$3,356	\$0	\$3,457	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,6813	\$0	\$6,6813

12	Final Report (Year 3)	\$0	\$0	\$0	\$0	\$5,352	\$0	\$0	\$0	\$0	\$0	\$5,352	\$0	\$5,352
13	Misc. Consultant Expenses	\$9,672	\$0	\$7,492	\$0	\$7,599	\$0	\$0	\$0	\$0	\$0	\$24,763	\$0	\$24,763
"n"	Administrative	\$0	\$2,000	\$0	\$1,250	\$0	\$1,250	\$0	\$0	\$0	\$0	\$0	\$4,500	\$4,500
	Sub Total	\$96,701	\$2,000	\$50,405	\$1,250	\$45,382	\$1,250	\$0	\$0	\$0	\$0	\$192,490	\$4,500	\$196,990
	Indirect Cost (0%)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	TOTAL	\$96,701	\$2,000	\$50,405	\$1,250	\$45,382	\$1,250	\$0	\$0	\$0	\$0	\$192,490	\$4,500	\$196,990
	PERCENTAGE	50%	n/a	26%	n/a	24%	n/a	0%	0%	0%	0%	100%	0%	100%

- Throughout the Project, Matching Funds must be proportionate to Total Project Costs (Grant Request and Matching Funds combined). For example, if a proposed project Year 1 Grant Request is \$80,000 and proposed Year 1 Matching Funds are \$20,000, the Total Year 1 Project Costs are \$100,000. Therefore, the required proportionate matching funds to provide per invoice during Year 1 of the project are 20 percent (e.g. invoice submitted for \$8,000 grant amount reimbursement and \$2,000 matching funds submitted). However, if the Year 2 Grant Request is \$70,000 and proposed Year 2 Matching Funds are \$30,000, while the Total Year 2 Project Costs also are \$100,000, the required proportionate matching funds increases per invoice during Year 2 of the project to 30% (e.g. invoice submitted for \$7,000 grant amount reimbursement and \$3,000 matching funds submitted). Retention will be withheld beyond the 10 percent retention for each invoice submittal that does not meet the proportionate matching funds requirement. These additional matching funds retained will not be released until the proportionate matching funds are reached for the project to-date.

D. Project Schedule

Please include start and end dates relative to the anticipated Notice to Proceed (assumes Fall 2018) for each task described in the Scope of Work (Section B above). Please list tasks for quarterly reporting on the status of the grant project and a final report on the outcome of the grant project. You may add or subtract rows as needed.

Exhibit C - Proposed Project Schedule (Assumes Fall 2018 Notice to Proceed [NTP])

Task No.	Task Name	Proposed Start Date	Months Needed to Complete Task	Task End Date
1	Field Assessment (Pre-implementation Monitoring)	0 Months from NTP	3 Months	12/01/2018
2	Vegetation Monitoring (Pre-implementation monitoring)	0 Months from NTP	3 Months	12/01/2018
3	Photo Monitoring (Pre-implementation monitoring)	0 Months from NTP	3 Months	12/01/2018
4	Site Preparation	0 Months from NTP	3 Months	12/01/2018
5	Planting	3 Months from NTP	3 Months	04/01/2018
6	Seed Collection and Re-distribution	6 Months from NTP	30 Months	08/31/2021
7	Follow-up Maintenance	3 Months from NTP	29 Months	06/01/2021
8	Vegetation Monitoring	7 Months from NTP	26 Months	06/01/2021
9	Photo Monitoring	7 Months from NTP	26 Months	06/01/2021
10	Quarterly Reports	4 Months from NTP	29 Months	06/01/2021
11	Annual Reports	12 Months from NTP	13 Months	08/31/2020
12	Final Report (Year 3)	35 Months from NTP	1 Month	08/31/2021
13	Misc. Consultant Expenses	0 Months from NTP	36 Months	08/31/2021
"n"	Administrative	0 Months from NTP	36 Months	08/31/2021

Please explain why and how much additional time would be needed in the event of any delays due to NTP being provided beyond Fall 2018 and/or unexpected weather conditions such as drought that could occur during the proposed project implementation.

Delays in the NTP may require adjustments to the project schedule should container planting not occur during the fall/winter of 2018. Additional time may be necessary to ensure three full years of maintenance (e.g. weeding, watering) following planting. Furthermore, unexpected weather conditions such as drought may affect the availability of seed in any given year, but are not anticipated to require additional time to implement the proposed project.

NOTICE REGARDING PREVAILING WAGES

SANDAG's EMP Land Management Grant Program projects are funded with *TransNet* revenues consistent with the *TransNet* Extension Ordinance adopted by the voters in November 2004 (SANDAG Ordinance 04-01). Although SANDAG Ordinance 04-01 does not require payment of prevailing wages, California law may require that public works projects pay prevailing wages for workers.

Applicant acknowledges that SANDAG has strongly encouraged Applicant to seek legal counsel regarding whether the Proposed Project will require applicant to pay prevailing wages and agrees that SANDAG will have no liability for conducting this analysis. Yes No

Applicant acknowledges that if awarded an EMP Land Management Grant, the grant agreement between SANDAG and the grantee requires grantee's compliance with all federal, state and local laws and ordinances applicable to the Agreement. Yes No

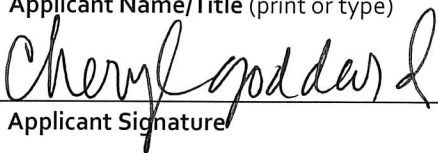
REQUIRED STATEMENTS FROM APPLICANT

- Yes No The applicant has read and understands the Sample Grant Agreement (Agreement) and Invoice Template (Attachment 4).
- Yes No If the SANDAG Board of Directors approves the proposed project proposal, the proposed applicant agrees to sign and return the Agreement to SANDAG, without exceptions or amendments, within 45 days of receipt.
- Yes No The applicant agrees to comply with SANDAG's Board Policy No. 035, Competitive Grant Program Procedures, which outlines "Use-it-or-lose-it" project milestone and completion deadlines. Board Policy No. 035 is included in the Agreement, and also is on SANDAG's website at the following link: sandag.org/organization/about/pubs/policy_035.pdf
- Yes No The applicant understands that 10 percent of all invoices will be retained until the completion of the proposed project.
- Yes No The applicant understands that for proposed projects with matching funds, retention will be withheld beyond the 10 percent retention for each invoice submittal that does not meet the proportionate matching funds requirement. These additional matching funds will not be released until proportionate matching funds are reached for the project to-date.
- Yes No The applicant understands that all invoices must be accompanied by written, documented support of the charges for requested reimbursement of grant funds and payment will not be made by SANDAG until all documents are satisfactorily submitted.
- Yes No The applicant understands that invoices and reports must be submitted on a quarterly basis within three weeks after the period covering January 1 to March 31; within three weeks after the period covering April 1 to June 30; within three weeks after the period covering July 1 to September 30; and within three weeks after the period covering October 1 to December 31.
- Yes No The applicant understands that the EMP quarterly report template (to be sent to the grantee after NTP is issued) must be used to document quarterly progress and that invoices with errors will be returned to the grantee for correction prior to being processed by SANDAG staff.
- Yes No The applicant understands that the final invoice must be accompanied by written, documented support of the charges for requested reimbursement of grant funds; a final report (prepared in accordance with the final report template to be sent to grantee after NTP is issued); and all outstanding deliverables in order to receive final payment and have retained funds released.
- Yes No The applicant understands that to be considered eligible for funding, a resolution complying with the requirements of Board Policy No. 035, Section 4.1, must be submitted to SANDAG at least *two weeks* prior to the recommendation by the Regional Planning Committee of the list of prioritized project proposals. SANDAG will provide applicants with advance notice of the Regional Planning Committee's anticipated meeting date.
- Yes No The applicant agrees to submit all project data/information to SANDAG in a format compatible with the regional management database.

I have the authorization to submit this proposal (Grant Application Form and required supplementary materials) on behalf of my organization.

Cheryl Goddard, Senior Planner

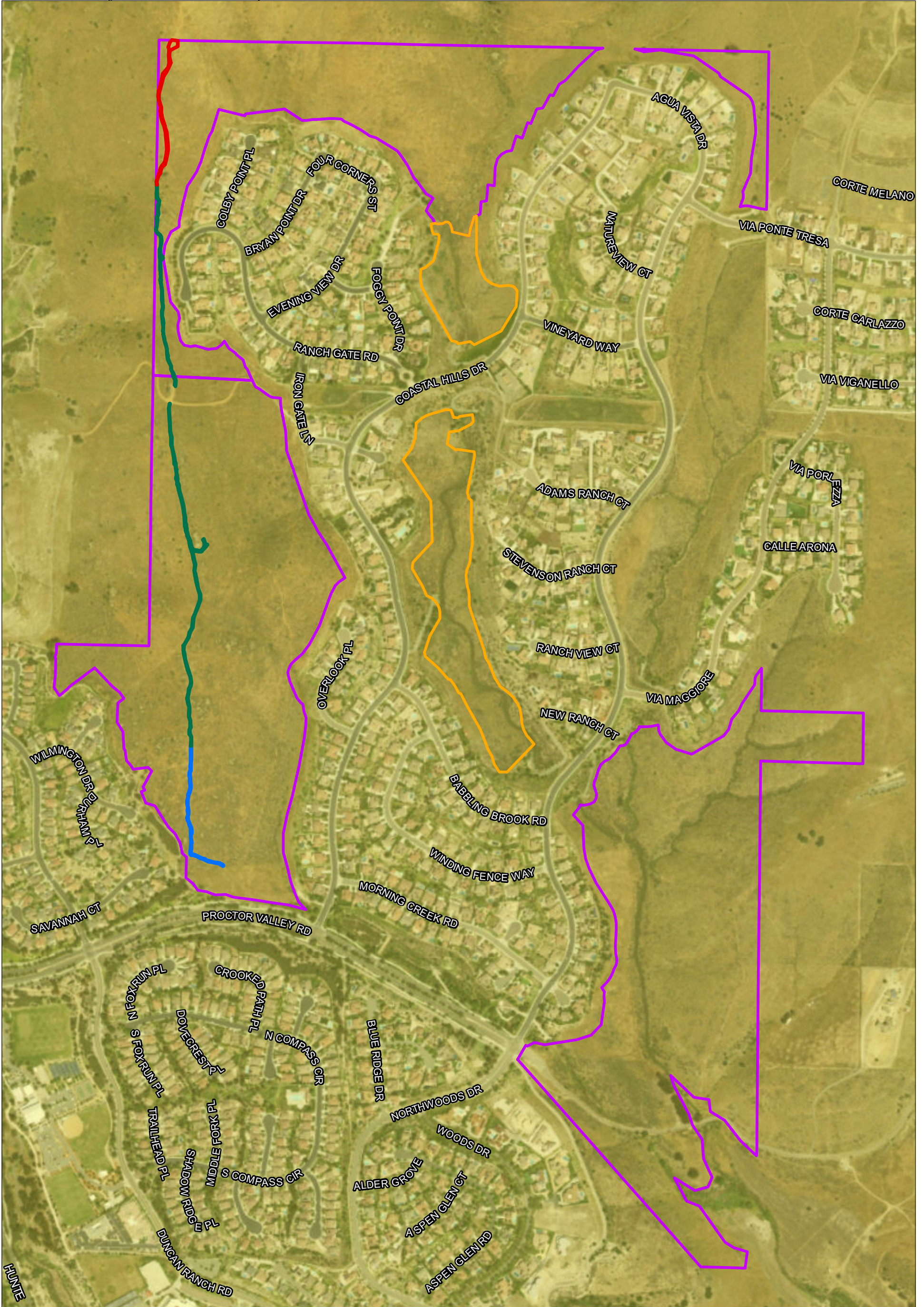
Applicant Name/Title (print or type)



Applicant Signature

01/11/18

Date



Rolling Hills Ranch Preserve Boundary

- Otay Tarplant Management Areas
- MSCP Open Space Preserve

Management Strategic Plan Area - Management Unit 3

- Zone A (Coastal Sage Scrub Restoration/Quino Checkerspot Butterfly Habitat Enhancement)
- Zone B (Quino Checkerspot Butterfly Habitat Enhancement)
- Zone C (Coastal Sage Scrub Restoration)

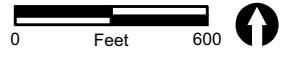


FIGURE 1
Project Location