

**CALL FOR PROJECTS FOR THE NINTH CYCLE OF THE
TransNet ENVIRONMENTAL MITIGATION PROGRAM
LAND MANAGEMENT GRANT PROGRAM
THREAT REDUCTION STEWARDSHIP GRANT APPLICATION FORM**

Applicant Name¹: San Diego Audubon Society

Address: 4010 Morena Blvd, Ste 100, San Diego, CA 92117

Phone and Email Address: (858) 273-7800, redfern@sandiegoaudubon.org
Silverwood Wildlife Sanctuary, Anstine-Audubon Nature

Name of Property: Preserve
13003 Wildcat Canyon Road, Lakeside, CA 92040
(Silverwood)

General Location: 2437 Hutchison St, Vista, CA 92084 (Anstine)

Jurisdiction: City of Lakeside (Silverwood); County of San Diego (Anstine)

Total Acres: 787 (Silverwood); 11 (Anstine)

Estimated Acres Requiring Management: Fencing projects: 1,100 linear feet (Silverwood); 255 linear feet (Anstine)

Owner(s) of Property²: San Diego Audubon

Land manager(s) of property (*include name[s]*): Phil Lambert, Silverwood Resident Manager (Silverwood)
Rebekah Angona, Anstine Resident Manager (Anstine)

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

Silverwood Wildlife Sanctuary is maintained to preserve 787 acres of mixed chaparral and woodland habitat, consistent with objectives described in the MSP. This fencing project mitigates the effects of adjacent land owners' current incursions onto our property that has led to the spread of invasive plant species and ensuing degradation of habitat quality. The project includes surveying the property lines currently affected and contracting a fencing company to install approximately 1,100 feet of non-barbed wire fencing.

Anstine-Audubon Nature Preserve is maintained to preserve 11 acres of coastal sage, riparian, and oak woodland habitat, consistent with objectives described in the MSP. A current, 10+ year-old, 255 foot long fence line is highly degraded. This fence runs along the property boundary adjacent to Hutchison Street and was installed to limit unauthorized access into the property and to reduce the dumping of hazardous (e.g. paint, construction debris) and non-hazardous (e.g. trash, yard waste) material onto the property. The fence line roughly follows a stream course/riparian habitat area, fed by an overflow gate located on the southwest side of a restored pond on the property. The project includes demolition of the existing fence and installation of a five-foot high lodge pole wooden fence.

Quantify Expected Results (add bullets as necessary)

- Approximately 1,100 linear feet of property line will be surveyed and flagged (Silverwood)
- Approximately 1,100 linear feet of non-barbed wire fencing will be installed (Silverwood)
- Approximately 255 linear feet of lodge pole wood fencing will be installed (Anstine)

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 toward eight-page maximum.**

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

For more than 60 years, San Diego Audubon (SDAS) has protected and improved our region’s environment through creating and conserving critical bird and wildlife habitats and by providing high-quality opportunities to engage with the natural environment. Silverwood Wildlife Sanctuary was established by SDAS in 1966. Anstine-Audubon Nature Preserve was established by SDAS in 1999.

Phil Lambert, Resident Manager of Silverwood Wildlife Sanctuary, has more than two decades of land management experience at Silverwood, including supervisory responsibilities related to all aspects of trail maintenance, fire clearance, invasive species control, and access/fencing projects. Phil Lambert has selected Eagle Fence Co. as our contractor for this project. Rebekah Angona, Resident Manager of Anstine-Audubon Nature Preserve, has served as San Diego Audubon’s Director of Education for more than four years and assumed the additional role of Anstine Resident Manager in September of 2017. Since that time, Rebekah has taken on supervisory responsibilities related to all aspects of trail maintenance, fire clearance, invasive species control, and access/fencing projects. Rebekah has selected Greenfield Fence, Inc. as our contractor for this project.

Funding Needs Summary

Budget Item	Requested Funding Amount	Description
Personnel Expenses Staff	\$5,456	Includes staff time for non-administrative work on the project
Personnel Administrative Expenses	\$735	Includes all staff time to administer the contract
Consultant Expenses	\$24,778	Includes all costs for consultant services
Other Direct Expenses	\$1,485	Includes all equipment, supplies, mileage, etc.
Indirect Costs ³ (30%) *Charged for staff time only, e.g. lines 1 and 2 above	\$1,857	All indirect charges (e.g., overhead) on the project, if any.
Total	\$34,311	

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 included with the application does not count toward eight-page maximum**

PROJECT PROPOSAL

A. Project Purpose

1. The proposed project addresses a high-priority Management Strategic Plan (MSP) species and their habitats. Refer to the MSP for Conserved Lands in Western San Diego County.

Silverwood Wildlife Project: The El Cajon (Cleveland National Forest/El Capitan Preserve) occurrence of the Golden Eagle, an SO species under the MSP, and its habitat cover portions of Silverwood Wildlife Sanctuary (SWS) and will benefit from these management activities as the spread of invasive non-native plants have been shown to reduce habitat for Golden Eagle prey species and reduce Golden Eagle foraging efficiency. These management activities will also support a suite of coastal chaparral and riparian woodland-associated species including Engelmann's Oak and Lakeside Ceanothus (both VF-designated species under the MSP). Overall, SWS provides habitat for more than 324 native plant species and 124 bird species, plus numerous reptile and mammal species, according to census data acquired and maintained by San Diego Audubon. Mountain lion tracks (an SL species under the MSP) are periodically recorded and were last recorded on the property in late 2017 by our resident manager. Southern mule deer are a regular presence. American badger tracks (an SL species under the MSP) have been recorded on the sanctuary historically, but no comprehensive survey has yet been conducted to confirm their current presence. Numerous bat species occur in nearby Lakeside, including pallid bat (an SL species under the MSP), but no bat surveys have yet been conducted to confirm particular species' presence on the sanctuary. The sanctuary also provides a vital wildlife corridor between the immediately adjacent El Capitan Open Space Preserve and San Vicente Reservoir/Open Space Preserve by way of Oak Oasis Preserve. El Capitan and San Vicente Preserves both support documented occurrences of Golden Eagle and a suite of other corridor-dependent native wildlife.

Anstine-Audubon Nature Preserve Project: Since 1999, nearly one-hundred species of plants, eight species mammals and six reptiles, and more than one-hundred species of birds, have been recorded on the Preserve. Three native plant communities occur within the boundaries of the Preserve, including Coastal Sage Scrub, Southern Willow Riparian Forest, and Coast Live Oak Woodland. A small pond was restored on the property in 2013, providing open water habitat for many species of birds.

2. The proposed project will address an urgent need and includes actions that will reduce or manage an identified threat.

Silverwood: Throughout the SWS, invasive vegetation stresses existing populations of native flora and fauna by outcompeting endemic plants, negatively affecting forage food availability, and increasing the risk of wildfire, and therefore poses a threat to the long-term survival of the preserve's MSP species and their habitats. Habitat management (particularly invasive control) at SWS increased significantly following the 2003 Cedar Fire, during which the entirety of SWS burned (including all structures and managers' residences). In the years following the Cedar Fire, several species of previously-absent non-native vegetation invaded the disturbed lands of SWS and neighboring properties, requiring systematic, continual removal efforts.

Anstine: Anstine's location in a rapidly suburbanizing area (unincorporated area of Vista, CA) makes it vulnerable to edge effects, including unauthorized trespass and dumping of hazardous (e.g. paint, construction debris) and non-hazardous (e.g. trash, yard waste) material onto the property. This dumping currently impacts the water quality of the riparian habitat adjacent to Hutchison Road and is also likely to have downstream effects on water and habitat quality.

3. Success criteria have been identified and will be monitored and reported.

As these are straightforward capital infrastructure projects, the primary objectives evaluated for success will simply mean the fencing will be installed according to our specifications by contracted fencing companies. Secondary success criteria that will be evaluated over time includes demonstrated reductions in incursions, native habitat recolonization of the disturbed areas, and reduced dumping and trash accumulation.

4. Success of the proposed project is likely with clear, measurable, proven results that will promote conservation.

The infrastructure projects will employ best practices for fencing wildlife areas. At Silverwood, the fence installation pathway will be surveyed to ensure it is placed within the legal parcels owned by San Diego Audubon. In both projects, the type of fencing selected will ensure that wildlife can move through the area unimpeded, while impairing the ability

of neighboring landowners to access our property and dump waste/trash. In the case of the Anstine fencing, the type of fencing (lodge pole) was selected to match the aesthetics of the neighborhood as it is along a heavily traveled road and is visible to neighboring properties.

5. **Any activities necessary to maintain the proposed project after the 18-month grant period have been identified and funding for those activities has been secured.**

As these are infrastructure projects, no future funding is anticipated to be needed.

6. **To be eligible for funding, the proposed project must be on lands conserved for native habitat within the MSP area. Where is the project located? (Attach a map)**

The proposed project is within the MSP area, specifically in Management Unit 4 (Silverwood) and Management Unit 8 (Anstine). (See Appendix 1 for maps of SWS, Anstine, and adjacent conserved lands.)

B. Scope of Work by Task

Exhibit A – Proposed Project Scope of Work

Task No.	Task Name	Task Description	Quantifiable Results/Deliverables
1	Project management (SWS)	Project scoping, contracting, oversight of implementation by contractor	<ul style="list-style-type: none"> • Survey property line • Oversee fence construction
2	Project implementation (SWS)	Surveying by surveyor Fence installation by contractor	<ul style="list-style-type: none"> • Survey approx. 1,100 linear feet • Approx. 1,100 linear feet of fencing installed
3	Project management (Anstine)	Project scoping, contracting, oversight of implementation by contractor, flagging	<ul style="list-style-type: none"> • Oversee fence construction • Flagging/traffic control (two days)
4	Project implementation (Anstine)	Fence installation by contractor	<ul style="list-style-type: none"> • Approx. 255 linear feet of fencing installed
5	Grant administration and reporting	Financial and programmatic reporting according to TNEMP guidelines and requirements.	<ul style="list-style-type: none"> • Quarterly project reports and invoices • Final project report

C. Budget by Task: Exhibit B – Proposed Project Budget

Task No.	Task Name	Grant Request
1	Project management (SWS)	\$1,607
2	Project implementation (SWS)	\$9,738
3	Project management (Anstine)	\$3,849
4	Project implementation (Anstine)	\$16,525
5	Grant administration and reporting	\$735
Subtotal		\$32,454
Indirect Cost (30%) *Charged for staff time only, e.g. tasks 1, 3, 5		\$1,857
TOTAL		\$34,311

D. Project Schedule

Please include start and end dates relative to the anticipated Notice to Proceed (NTP) (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. *All tasks must be completed within 18 months of the NTP.*

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	Project management (SWS)	1 Month from NTP	12 Months	10/01/2019
2	Project implementation (SWS)	1 Month from NTP	12 Months	10/01/2019
3	Project management (Anstine)	1 Month from NTP	12 Months	10/01/2019
4	Project implementation (Anstine)	1 Month from NTP	12 Months	10/01/2019
5	Grant administration and reporting	1 Month from NTP	12 Months	10/01/2019

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.

This proposal outlines a twelve-month project timeline; however, we anticipate that both projects outlined in the proposal may be complete in as short a time-frame as four to six months. Therefore, an NTP delay of no more than six months should not affect our ability to complete the proposed actions by October 1, 2019. Weather conditions should not affect this project.

NOTICE REGARDING PREVAILING WAGES

SANDAG’s Environmental Mitigation Program (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. X 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. X Yes No

REQUIRED STATEMENTS FROM APPLICANT

- X Yes No The applicant has read and understands the Sample Grant Agreement (Agreement) and Invoice Template (Attachment 4).
- X 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.
- X 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
- X Yes No The applicant understands that 10 percent of all invoices will be retained until the completion of the proposed project.
- X 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.
- X 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.
- X 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.
- X 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.
- X 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.
- X 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.

Chris Redfern

Applicant Name/Title (print or type)



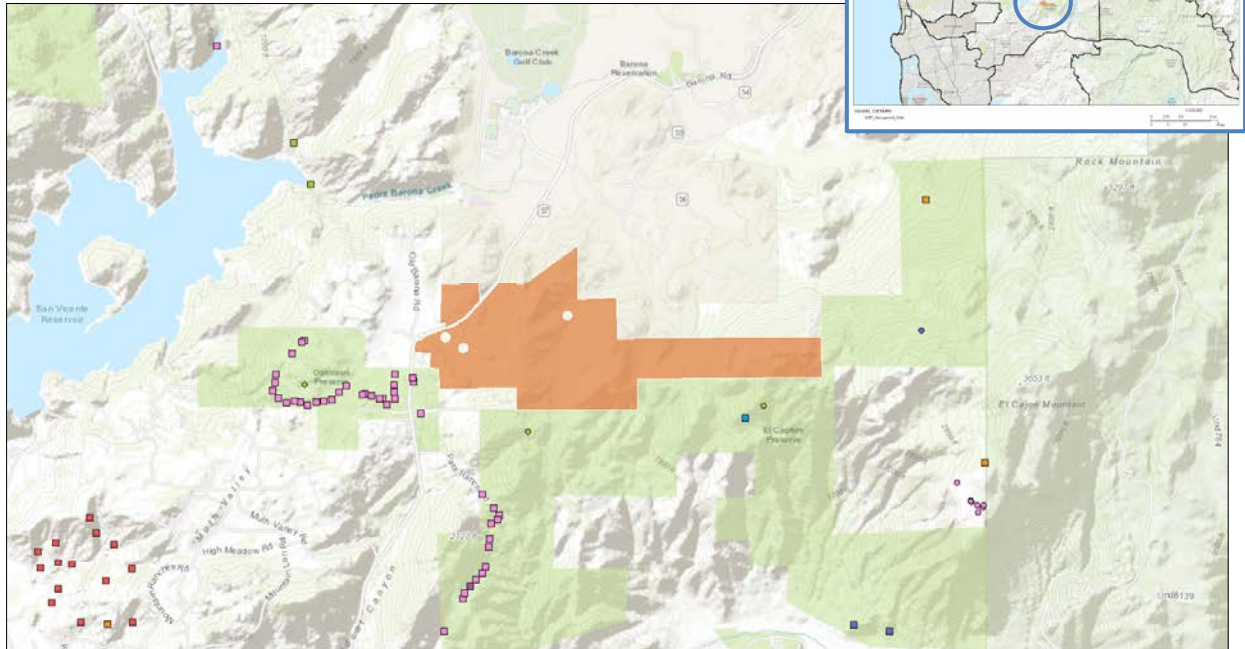
Applicant Signature

10/11/18

Date

Appendix A: Maps of Silverwood Wildlife Sanctuary and Anstine-Audubon Nature Preserve

Silverwood Wildlife Sanctuary – San Diego Audubon



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MOM-plants

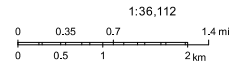
- Felt-leaved monardella
- Lakeside oenotherus
- Orcutt's brodiaea

MOM-animals

- Coastal California gnatcatcher

- Least Bell's vireo
- Blainville's horned lizard (Coast horned lizard, San Diego horned lizard)
- Southern mule deer
- Coastal cactus wren
- Pallid bat
- Mountain lion

MSP_Management_Units

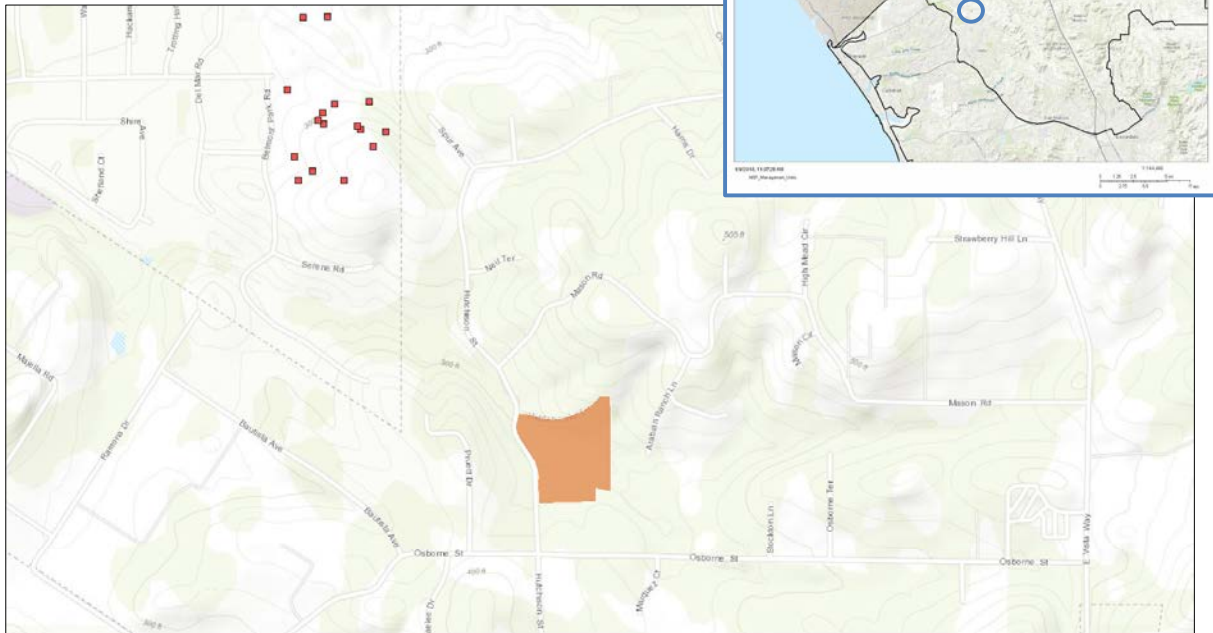


Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS

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am) from January - March 2010. | U.S. Department of Agriculture, Natural Resources Conservation Service | SANDAG, County Assessor's Master Records File, Cleveland National Forest, Bureau of Land Management, State Parks, other public agencies, SanGIS | SANDAG Technical Services - GIS, SANDAG Land Layers Inventory database (i.e. parcels), SANDAG, County Assessor's Master Property Records file, Cleveland National Forest, Bureau of Land Management (BLM), State Parks, other public agency contacts, and local agency review. | SANDAG Technical Services - GIS | See SANDAG Terms and Conditions | SDMMP | SDMMP, see source fields |

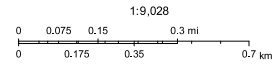
San Diego Audubon – Anstine Nature Preserve



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HOM-animals

- Coastal California gnatcatcher
- MSP_Management_Units



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBasis, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS

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 em) from January - March 2010. | U.S. Department of Agriculture, Natural Resources Conservation Service | SANDAG, County Assessor's Master Records File, Cleveland National Forest, Bureau of Land Management, State Parks, other public agencies, SanGIS | SANDAG Technical Services - GIS, SANDAG Land Layers Inventory
 inbase (i.e. parcels), SANDAG, County Assessor's Master Property Records file, Cleveland National Forest, Bureau of Land Management (BLM), State Parks, other public agency contacts, and local agency review. | SANDAG Technical Services - GIS | See SANGIS Terms and Conditions | SDAMP | SDMP, see source fields |