

DATE: May 20, 2019

TO: RMC Governing Board

FROM: Mark Stanley, Executive Officer

SUBJECT: Item 12: Consideration of a Resolution authorizing a Proposition 1 grant to Amigos de Los Rios for the Emerald Necklace San Gabriel River Habitat Restoration Project (RMC 18009)

PROGRAM AREA: Rivers and Tributary Parkways

PROJECT TYPE: Design Build

JURISDICTION: Upper San Gabriel River Watershed

PROJECT MANAGER: Joe Gonzalez

RECOMMENDATION: That the RMC authorizes a grant of Proposition 1 funds in the amount of \$1,117,588 to Amigos de Los Rios for the Emerald Necklace San Gabriel River Habitat Restoration Project (RMC 18009).

PROJECT DESCRIPTION:

Exhibit A – Regional Map
 Exhibit B – Budget
 Exhibit C – Timeline
 Exhibit D – Concept Design
 Exhibit E – Existing Conditions
 Exhibit F – Categorical Exemption for Environmental Review

With the passage of the Water Quality, Supply and Infrastructure Improvement Act of 2014 (Proposition 1) in November 2014, the RMC established Proposition 1 grant program guidelines which provided for project applications to be submitted for funding consideration (RMC Resolution 2015-18).

In the Fall of 2016, the RMC Governing Board approved Proposition 1 funding guidelines. The RMC Governing Board began approving funding to projects at the start of 2017 through November 2017 as part of the Round One Proposition 1 Call for Projects.

In Fall of 2018, upon approval of the RMC Governing Board (Resolution 2018-22), staff opened the Round Two Call of Projects between October 16, 2018 to December 16, 2018. Of the \$30,000,000 allocated to RMC under Chapter 6, section 79731(f) up to \$10,000,000 is being made available for Round Two, for projects though out all if RMC territory. Note, projects within the Los Angeles River corridor have an RMC urban river funding source.

Projects that score above 105 for territory-wide submittals, and subject to other factors upon review, are prioritized for funding recommendations to the Governing Board. Project proponents are provided the opportunity to receive higher scores based on additional information provided

through staff interviews that demonstrate an alignment with RMC goals and objectives, and granting of funds is consistent with RMC programs, which include:

Common Ground, from the Mountains to the Sea - Supports the Watershed and Open Space Plan vision for the San Gabriel and Los Angeles River Watersheds, seeks to restore balance between natural and human systems. Guiding principles: 1) growing greener (create, expand and improve open space and access to open space), 2) enhancing waters and waterways, and 3) coordinate regional planning efforts.

RMC Environmental Justice Policy - To ensure that the public, including minority and low-income populations, are informed of opportunities to participate in the development and implementation of all RMC-related programs, policies and activities, and that they are not discriminated against, treated unfairly, or caused to experience disproportionately high and adverse human health or environmental effects from environmental decisions.

Tribal Consultation - To ensure Indian tribes and tribal communities are able to provide meaningful input into the development of regulations, rules policies, programs, projects, plans, property decisions, and activities that may affect tribal communities; supporting AB52 and CEQA, which require separate consideration of tribal cultural resources from that of paleontological resources.

After review, this grant received a score of 110/132.

Project:	Emerald Necklace San Gabriel River Habitat Restoration Project (RMC 18009)	
Applicant:	Amigos de los Rios	
Grant Program:	Proposition 1, regionwide	
Program area:	Urban	
Amount requested:	\$1,117,588.00	
Amount recommended for funding:	\$1,117,588.00	
PROJECT EVALUATION CRITERIA SUMMARY		
Factor	Project Score	Total Possible Points
1. Restore River Parkways and Access to Trails	8.4	10
2. Education/Interpretive Signage	2	2
3. Habitat and Restoration Resource Values	22.8	25
4. Matching Funds	3	7
5. Environmental Justice and Disadvantaged Communities	33	33
6. Multi-benefit and multi-jurisdictional	3	3
7. Stakeholders/Partners Resource Value	7.6	8
8. Stewardship and Management Plan Value	3.8	4
9. Water Sustainability/ Water Storage/ Water Infrastructure	9.1	10

10. Urban Land Value	4.4	5
11. Water Resource and Quality Value	13	25
TOTAL POINTS	110	132

The Emerald Necklace San Gabriel River Habitat Restoration Project will restore a river parkway trail on the San Gabriel River between Live Oak Avenue and Peck Road that is part of the San Gabriel River Corridor Master Plan, the LA County Regional Bike Plan, and the Emerald Necklace Plan. This project will be implemented by Amigos de los Rios, and will improve watershed health, rain water and runoff infiltration, urban forest coverage and native habitat, and provide significant heat island reduction and recreation benefits to local communities and regional trail users of the San Gabriel River Trail.

The Emerald Necklace San Gabriel River Habitat Restoration Project will remove invasive weeds and plant 600 native trees and 1,600 shrubs along the San Gabriel River right of way. Currently, present invasive species impair water quality and availability, and harbor pests like the shot hole borer beetles that infest and kill regional trees. The project areas will subsequently be re-planted with native grasses, ground cover shrubs, and trees to enhance the urban forest canopy and to create critical habitat linkages. The shrubs and trees planted through this project will be selected from the San Gabriel River plant palette developed as part of the San Gabriel River Corridor Master Plan to enhance water conservation and habitat values as appropriate to each site. This work will improve existing natural habitat along the river parkway, using native plants that naturally thrive in this environment.

In addition to habitat restoration, this project will improve water capture and water quality by replacing impervious pavement in certain areas with permeable paved trails that will continue to serve passive recreation. Bioswales will also be installed to capture and clean contaminant-laden runoff from adjacent traffic corridors that would normally enter the San Gabriel River.

The project will be complemented by culturally and linguistically appropriate signage, which will highlight the regions natural and cultural history, as well as the importance of watershed stewardship and water resources protection. Educational signage about the installed green infrastructure will be developed to encourage community members to adopt those practices. The signage will also include elements that promote physical activity, such as mileage markers.

The project site runs along the San Gabriel River trail and is within walking distance to residential areas and public transit hubs in the Cities of Irwindale, El Monte, Baldwin Park, South El Monte, and unincorporated areas in East Los Angeles County. These underserved communities are greatly in need of projects that improve environmental conditions for the benefit of public health and recreational opportunities. The project will improve bicycle trail connections to the existing Emerald Necklace network and alleviate the high pollution burden.

After project implementation, Amigos will monitor tree and shrub growth through this project, and track progress toward water quality improvement goals. They will measure infiltration areas created by green infrastructure and low-impact development elements installed to enhance groundwater recharge, boosting quantity and quality of threatened water resources. They will measure improved groundwater recharge through the ITREES Database, which tracks aggregate benefits of trees over time. By tracking groundwater infiltration improvement, they will measure and report on contaminants that the project removes from river and coastal ecosystems. This enhanced groundwater recharge will allow us to track aquifer recharge, securing long-term water resource sustainability in the face of climate change.

During the 9-month establishment period after plantings, Amigos will monitor the project site through weekly Emerald Necklace Stewardship events. Community outreach and engagement are central to Amigos' mission. They have cultivated a robust volunteer steward network made up of community members, students, families, and corporate partners who collaboratively work to build the Emerald Necklace green infrastructure network, known as the Emerald Necklace Stewards. Amigos will fold site maintenance into its weekly rotation of community stewardship events. The Emerald Necklace Stewardship Program will provide monthly weeding, mulching, graffiti watch, cleanup, care of interpretive elements, and tree monitoring, pruning, and staking. Stewards will help provide long-term care for the site, following Emerald Necklace Maintenance and Care Guides that outline logistics of weed management, trail maintenance, trash management, habitat establishing monitoring, and other long-term care aspects. This community engagement is an excellent opportunity for Amigos to teach the practice of citizen science and instill a sense of community pride in these traditionally underserved neighborhoods. Because this project site is adjacent to multiple school districts and school sites, we will also work closely with School District staff and principals of location schools.

This project will meet the following Proposition 1 Objectives:

1. Implement watershed adaptation project in order to reduce the impacts of climate change on communities and ecosystems.
2. Protect and restore aquatic, wetland, and migratory bird ecosystems including fish and wildlife corridors.
3. Protect and restore rural and urban watershed health to improve watershed storage capacity, forest health, protection of life and property, stormwater resource management, and greenhouse gas reduction.
4. Protect and restore coastal watershed including but not limited to bays, marine estuaries, and nearshore ecosystems.

BACKGROUND: Amigos de los Rios is an 501(c)(3) non-profit organization, formed in 2003, whose mission is to create an "Emerald Necklace" natural infrastructure network of green spaces (parks and trails) in underserved areas throughout the Los Angeles Basin, connecting the Mountains to the Pacific Ocean and protecting urban communities from the threats of climate change. Amigos has assembled the Emerald Necklace Coalition of Agencies, with 48 signatory partners including municipalities, school districts, agencies, non-profit partners, and other stakeholders, dedicated to the Emerald Necklace vision for a cleaner, healthier Los Angeles.

The proposed project is part of Amigos de los Rios' greater Emerald Necklace Initiative, a regional vision for an interconnected network of parks, greenspaces and trails spanning eastern Los Angeles County from the San Gabriel Mountains to the Pacific Ocean. This is of vital importance to the urban area, serving Latino and Asian communities in the Cities of Irwindale, El Monte, Baldwin Park, and South El Monte. These upper watershed communities are adjacent to major transit corridors producing runoff pollution that negatively impacts riparian and coastal ecosystems in the LA Basin. Thus, the region has high pollution burdens including heavy traffic congestion which generates polluted runoff, contaminated drinking water, toxic chemical releases that impair waterways, high levels of ozone, diesel, and PM 2.5 air pollutants, and additional population burdens like low education, poverty, and linguistic isolation. The communities are disadvantaged by poor environmental conditions, deficient greenspace access, and associated socio-economic indicators including low income and education attainment.

Amigos de los Rios has 15 years of experience developing green spaces of similar size and scope to this project throughout the Los Angeles metro area. Their knowledge and experience in urban design and green infrastructure development have led to success realizing this growing Emerald Necklace vision. They have successfully completed 33 urban forestry projects spanning the San Gabriel, Rio Hondo, and lower Los Angeles Rivers, all part of the Emerald Necklace Initiative.

The RMC has administered five successful competitive grant programs, the Proposition 40 competitive program, the short term (18 month) program, the Proposition 50 competitive grant program, Proposition 84 competitive grant program, and most recently Proposition 1 competitive grant program. With the passage of Proposition 68 (2018 Park bond), the RMC is well positioned to continue to provide grants through a competitive process to cities, non-profits, other county entities, and joint powers authorities through its existing grant funding program areas: Urban, Rivers & Tributaries; and Mountain and Foothills Programs and Projects. The following is a description of each of these program areas for Proposition 68:

Urban Lands. All land within the developed, urban core of the RMC territory that is NOT within the area identified for River/Tributary Parkways, or within the Mountains, Hills, and Foothills.

River/Tributary Parkways. Land falling within one-quarter mile on either side of the centerline of a river or tributary within the RMC territory, but NOT within the Mountains, Hills and Foothills or Urban Land areas.

Lower Los Angeles River. Projects within the Lower Los Angeles River corridor, defined in the Lower LA River Revitalization Plan as within 1-mile of the river, will mostly fall within the River/Tributary Parkways Program. Applicants should make the case if they feel their project is better defined as an Urban Land Value and Environmental Justice project.

Mountains, Hills, and Foothills. Land lying within the area of a named system of mountains, hills and foothills. More specifically, land lying within the geographic area of the San Gabriel Mountains, the San Jose, San Rafael, Montebello, Puente, Chino, Coyote, or Signal Hills, the San Gabriel foothills, and within the territory of the RMC but NOT within the Urban Lands or River/Tributary Parkways.

FISCAL INFORMATION: This grant award to Amigos de Los Rios will be for a total amount of \$1,117,588 in Proposition 1 funds from RMC's Round 2 solicitation of Proposition 1 project request from the territory-wide available funds of \$10,000,000.

LEGISLATIVE AUTHORITY AND RMC ADOPTED POLICIES/AUTHORITIES: The Rivers and Mountains Conservancy (RMC) statute provides in part that:

Section 32602: There is in the Resources Agency, the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy, which is created as a state agency for the following purposes:

- (a) To acquire and manage public lands within the Lower Los Angeles River and San Gabriel River watersheds, and to provide open-space, low-impact recreational and educational uses, water conservation, watershed improvement, wildlife and habitat restoration and protection, and watershed improvement within the territory.

- (b) To preserve the San Gabriel River and the Lower Los Angeles River consistent with existing and adopted river and flood control projects for the protection of life and property.
- (c) To acquire open-space lands within the territory of the conservancy.

Section 32604: The conservancy shall do all of the following:

- (a) Establish policies and priorities for the conservancy regarding the San Gabriel River and the Lower Los Angeles River, and their watersheds, and conduct any necessary planning activities, in accordance with the purposes set forth in Section 32602.
- (b) Approve conservancy funded projects that advance the policies and priorities set forth in Section 32602.
- (d) To provide for the public's enjoyment and enhancement of recreational and educational experiences on public lands in the San Gabriel Watershed and Lower Los Angeles River, and the San Gabriel Mountains in a manner consistent with the protection of lands and resources in those watersheds.

Section 32614: The conservancy may do all of the following:

- (b) Enter into contracts with any public agency, private entity, or person necessary for the proper discharge of the conservancy's duties, and enter into a joint powers agreement with a public agency, in furtherance of the purposes set forth in Section 32602.
- (e) Enter into any other agreement with any public agency, private entity, or person necessary for the proper discharge of the conservancy's duties for the purposes set forth in Section 32602.
- (f) Recruit and coordinate volunteers and experts to conduct interpretive and recreational programs and assist with construction projects and the maintenance of parkway facilities.

Further, Section 32614 provides that: The conservancy may do all of the following:

- (g) Undertake, within the territory, site improvement projects, regulate public access, and revegetate and otherwise rehabilitate degraded areas, in consultation with any other public agency with appropriate jurisdiction and expertise, in accordance with the purposes set forth in Section 32602. The conservancy may also, within the territory, upgrade deteriorating facilities and construct new facilities as needed for outdoor recreation, nature appreciation and interpretation, and natural resources protection. The conservancy may undertake those projects by itself or in conjunction with another local agency; however, the conservancy shall provide overall coordination of those projects by setting priorities for the projects and by ensuring a uniform approach to projects. The conservancy may undertake those projects with prior notification to the legislative body of the local agency that has jurisdiction in the area in which the conservancy proposes to undertake that activity.

Section 32614.5:

- (a) The conservancy may award grants to local public agencies, state agencies, federal agencies, and nonprofit organizations for the purposes of this division.
- (b) Grants to nonprofit organizations for the acquisition of real property or interests in real property shall be subject to all of the following conditions:
 - (1) The purchase price of any interest in land acquired by the nonprofit organization may not exceed fair market value as established by an appraisal approved by the conservancy.
 - (2) The conservancy approves the terms under which the interest in land is acquired.
 - (3) The interest in land acquired pursuant to a grant from the conservancy may not be used as security for any debt incurred by the nonprofit organization unless the conservancy approves the transaction.

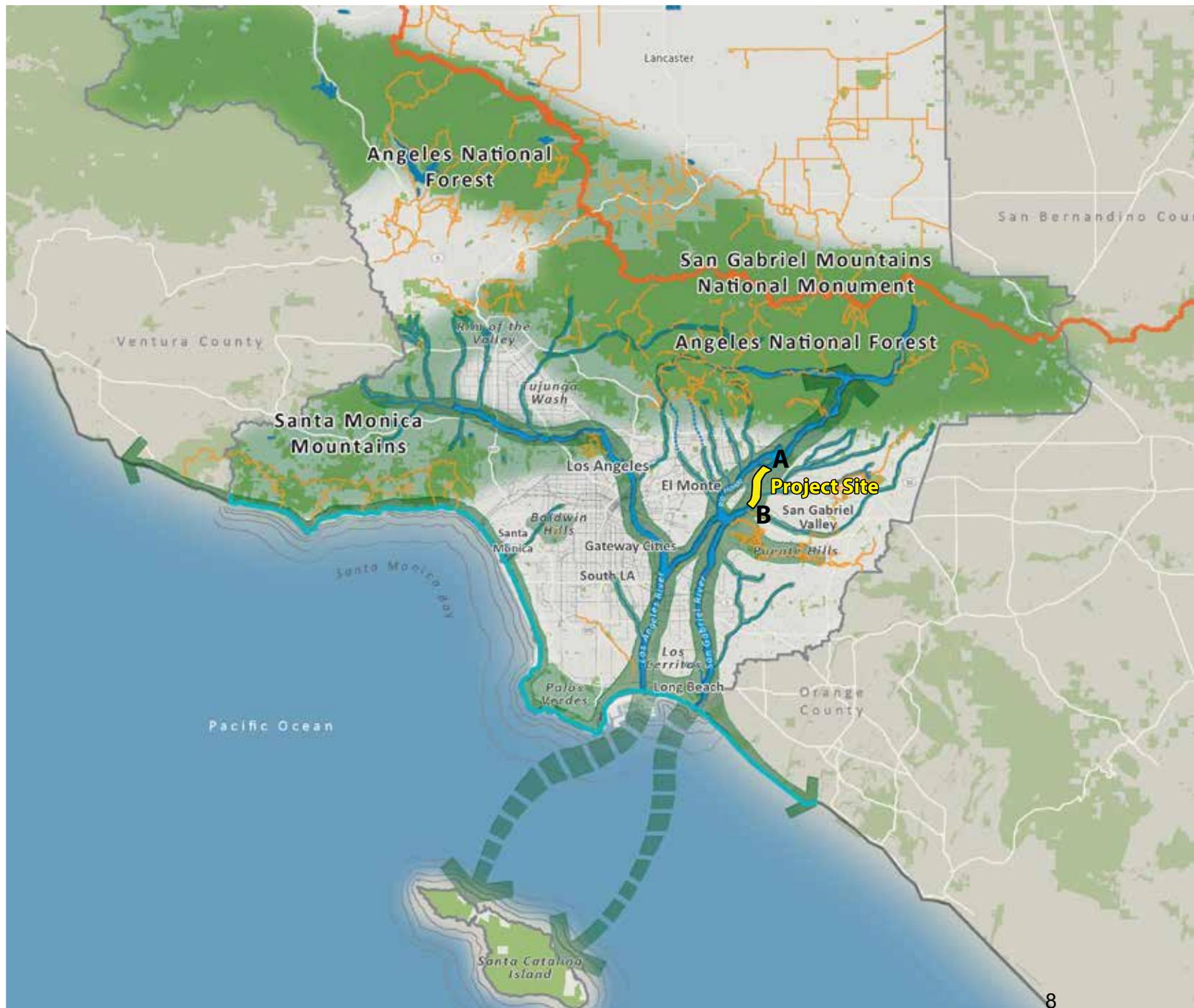
- (4) The transfer of land acquired pursuant to a grant shall be subject to the approval of the conservancy and the execution of an agreement between the conservancy and the transferee sufficient to protect the interests of the state.
 - (5) The state shall have a right of entry and power of termination in and over all interests in real property acquired with state funds, which may be exercised if any essential term or condition of the grant is violated.
 - (6) If the existence of the nonprofit organization is terminated for any reason, title to all interest in real property acquired with state funds shall immediately vest in the state, except that, prior to that termination, another public agency or nonprofit organization may receive title to all or a portion of that interest in real property, by recording its acceptance of title, together with the conservancy's approval, in writing.
- (c) Any deed or other instrument of conveyance whereby real property is acquired by a nonprofit organization pursuant to this section shall be recorded and shall set forth the executor interest or right of entry on the part of the state.

Funding for these projects will be allocated from the following sections of Proposition 1, under statute:

Proposition 1, Chapter 6, Sections 79731(f) and 79735(a) which allocates the following funding to the RMC: Section 79731(f) of the funds authorized by Section 79730, the sum of three hundred twenty-seven million five hundred thousand dollars (\$327,500,000) shall be allocated for multi-benefit water quality, water supply, and watershed protection and restoration projects for the watersheds of the state in accordance with the following schedule:...(f) San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy, thirty million dollars (\$30,000,000). And Section 79735(a) of the funds authorized by Section 79730, one hundred million dollars (\$100,000,000) shall be available, upon appropriation by the Legislature, for projects to protect and enhance an urban creek, as defined in subdivision (e) of Section 7048, and its tributaries, pursuant to Division 22.8 (commencing with Section 32600) of, and Division 23 (commencing with Section 33000) of, the Public Resources Code and Section 79508.

Emerald Necklace San Gabriel River Habitat Restoration

Exhibit A





RMC Water Quality, Supply and Infrastructure Improvement Act of 2014 (Proposition 1)

EMERALD NECKLACE SAN GABRIEL RIVER HABITAT RESTORATION

RMC

Grant Budget

PROJECT ELEMENTS	Unit Price	Unit of Measure	Quantity	Total Amount	RMC Funding	LA COUNTY PUBLIC WORKS	Emerald Necklace Watershed Stewards	Amigos de los Rios	Check Total
PHASE 1									
1. PROJECT MANAGEMENT									
Direct Project Administration				\$ 68,000	\$68,000				\$68,000
Staff Time Design/ Required Permits/CEQA/ County Permit Process				\$ 70,000	\$70,000				\$70,000
Permit Fees						\$10,000			
Community & DAC Stakeholder Outreach and Participation				\$ 34,000	\$22,000			\$12,000	\$34,000
Engineer Site Survey				\$ 12,000	\$6,000			\$6,000	\$12,000
Arborist Planting Palette/Landscape Planting Design/Nursery Research & Procurement				\$ 3,000	\$1,000			\$2,000	\$3,000
Landscape Architect - Landscape Irrigation Plans				\$ 12,000	\$12,000				\$12,000
Civil Engineer-Green Infrastructure Elements				\$ 48,000	\$48,000				\$48,000
Interpretive Signage & Amenities Element Design				\$ 26,000	\$24,000			\$2,000	\$26,000
1. SUBTOTAL (Not to exceed 25%)				\$ 273,000	\$ 251,000	\$ 10,000	\$ -	\$ 22,000	\$273,000
				19.98%	22.46%				
2. SITE PREPERATION/ HARDSCAPE/ AMENTITES/ GREEN INFRASTRUCTURE ELEMENTS									
Construction Survey Site Layout	\$ 8,000	1	1	\$ 8,000	\$8,000				\$8,000
SWIPP Implementation	\$ 4,000	1	1	\$ 4,000	\$4,000				\$4,000
Grubbing of Right of Way/Removal of Exotics-Youth Corps & Emerald Necklace Watershed Stewards	\$ 36,000	1	1	\$ 36,000	\$24,000		\$ 12,000		\$36,000
Herbicide Application Specialist				\$ -	\$0				\$0
Grading	\$40,000	1	1	\$ 40,000.00	\$ 40,000.00				\$ 40,000.00
Mobilization /Construction Fence	\$ 5,000	1	1	\$ 5,000	\$5,000				\$5,000
2 SUBTOTAL				\$ 93,000	\$ 81,000	\$ -	\$ 12,000	\$ -	\$ 93,000
PHASE 1 GRAND TOTAL				\$ 366,000	\$ 332,000	\$ 10,000	\$ 12,000	\$ 22,000	\$ 366,000
PHASE 2									
1. URBAN FORESTRY									
1a.Tree Procurement									
Trees (include type):									
Cottonwood	\$ 75	15G	80	\$ 6,000	\$6,000				\$6,000
Coast Live Oak	\$ 65	15G	240	\$ 15,600	\$15,600				\$15,600
California Sycamore	\$ 75	15G	100	\$ 7,500	\$7,500				\$7,500
Redbud	\$ 75	15G	100	\$ 7,500	\$7,500				\$7,500
Willow	\$ 75	15G	100	\$ 7,500	\$7,500				\$7,500
Ray Hartman Ceanothus	\$ 75	15G	40	\$ 3,000	\$3,000				\$3,000
Tree Stakes & Ties - combination of 8' and 10'	\$ 9	per stake & tie	1320	\$ 11,880	\$11,880				\$11,880
1a. Subtotal				\$ 58,980	\$ 58,980				\$ 58,980
1b. Trees Planting									
Cottonwood	\$ 125	15G	80	\$ 10,000	\$0		\$10,000		\$10,000
Coast Live Oak	\$ 125	15G	240	\$ 30,000	\$30,000				\$30,000
California Sycamore	\$ 125	15G	100	\$ 12,500	\$0		\$12,500		\$12,500
Redbud	\$ 125	15G	100	\$ 12,500	\$0		\$12,500		\$12,500
Willow	\$ 125	15G	100	\$ 12,500	\$0		\$12,500		\$12,500
Ray Hartman Ceanothus	\$ 125	15G	40	\$ 5,000	\$0		\$5,000		\$5,000
Youth Corps Tree Staking	\$ 40		660	\$ 26,400	\$26,400				\$26,400
1b. Subtotal				\$ 108,900	\$ 56,400	\$ -	\$ 52,500	\$ -	\$ 108,900
1c. Shrubs									
Nursery Stock Shrubs for SGR Trail	\$ 5	1G	1050	\$ 5,250	\$5,250				\$5,250
*All shrubs selected per the San Gabriel River Guidelines	\$ 13	5G	450	\$ 5,850	\$5,850				\$5,850
	\$ 55	15G	100	\$ 5,500	\$5,500				\$5,500
Shrub Planting (1G)	\$ 25	1G	1050	\$ 26,250	\$0		\$26,250		\$26,250
Shrub Planting (5G)	\$ 75	5G	450	\$ 33,750	\$0		\$33,750		\$33,750
Shrub Planting (15G)	\$ 125	15G	100	\$ 12,500	\$0		\$12,500		\$12,500
Mulch	\$ 23	1CY	2000	\$ 46,000	\$10,000		\$36,000		\$46,000
1c. Subtotal				\$ 135,100	\$ 26,600	\$ -	\$ 108,500	\$ -	\$ 135,100
SUBTOTAL 1a+1b+1c				\$ 302,980	\$ 141,980	\$ -	\$ 161,000	\$ -	\$ 302,980
2. GREENING ELEMENTS									
2a. Interpretative Elements									
Watershed Interpretive Nature Themed Gates for Lower Azusa, Ramona, Valley	\$ 23,000	1	3	\$ 69,000	\$69,000				\$69,000
Nature Themed Picnic Tables & Benches Materials & Install	\$ 2,400	1	12	\$ 28,800	\$28,800				\$28,800
Watershed Stewardship Signage - Natural & Cultural History - per sign: Frame, Footing Install, Full Color Panel & Cover	\$ 2,200	1	12	\$ 26,400	\$26,400				\$26,400
Wayfinding Signage - Emerald Necklace Banner Poles	\$ 4,000	1	3	\$ 12,000	\$12,000				\$12,000

2a. Subtotal				\$ 136,200	\$ 136,200	\$ -	\$ -	\$ -	\$ 136,200
2b. Bioswales/Permeable Surfaces									
Landscape Boulders (Variety of scales - 4', 3', 2' mix)	\$ 235	1	160	\$ 37,600	\$37,600				\$37,600
Decomposed Granite Trail	\$ 78	1	1200	\$ 93,600	\$93,600				\$93,600
Permeable Surfaces Trail/Ramp	\$ 78	1	1600	\$ 124,800	\$124,800				\$124,800
2b. Subtotal				\$ 256,000	\$ 256,000	\$ -	\$ -	\$ -	\$ 256,000
SUBTOTAL 2a+2b				\$ 392,200	\$ 392,200	\$ -	\$ -	\$ -	\$ 392,200
PHASE 2 GRAND TOTAL									
				\$ 695,180	\$ 534,180	\$ -	\$ 161,000	\$ -	\$ 695,180
PHASE 3									
1. ESTABLISHMENT									
Water Truck/Establishment per tree	\$ 60	1	660	\$ 39,600	\$19,900		\$19,700		\$39,600
Weeding & Mulching	\$ 20	1	2360	\$ 47,200	\$13,000		\$34,200		\$47,200
1. SUBTOTAL				\$ 86,800	\$ 32,900	\$ -	\$ 53,900	\$ -	\$86,800
2. OTHER									
Mileage and Water Truck Equipment				\$ 10,000	\$10,000				\$10,000
Funding Acknowledgement Signs				\$ 4,000	\$4,000				\$4,000
2. SUBTOTAL				\$ 14,000	\$ 14,000	\$ -	\$ -	\$ -	\$14,000
PHASE 3 GRAND TOTAL									
				\$ 100,800	\$ 46,900	\$ -	\$ 53,900	\$ -	\$ 100,800
Contingency 5%				\$ 58,099	\$58,099				\$58,099
Sub Total Contingency				\$ 58,099	\$ 58,099	\$ -	\$ -	\$ -	\$ 58,099
				\$ 1,220,079	\$ 971,179	\$ 10,000	\$ 226,900	\$ 22,000	\$ 1,220,079
Indirect									
12%	12%			\$ 146,409	\$ 146,409	\$ -			\$ 146,409
Indirect subtotal				\$ 146,409	\$ 146,409	\$ -	\$ -	\$ -	\$146,409
PROJECT GRAND TOTAL				\$ 1,366,488	\$ 1,117,588	\$ 10,000	\$ 226,900	\$ 22,000	\$ 1,366,488

Emerald Necklace San Gabriel River Habitat Restoration Project

July 2019 - June 2022

Task List & Timeline		2019						2020						2021						2022																	
Project Task Detail by Project Phase	Percent % Work Complete	19-Jul	19-Aug	19-Sep	19-Oct	19-Nov	19-Dec	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
PHASE 1																																					
1 Project Management																																					
Direct Project Management & Admin		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Community Stakeholder Outreach & Agency Input		X	X	X	X	X	X	X	X	X	X	X				X	X	X			X	X						X	X				X	X			
Community Based Design			X	X	X	X	X	X	X																												
Consult Civil Engineer, Landscape, Green Infrastructure				X	X	X	X	X	X																												
Final Design/Permit Process						X	X	X	X	X	X	X	X	X	X																						
PHASE 2																																					
1 Site Preparation																																					
Site Preparation and Grading, Haul Away							X	X		X			X	X	X																						
Pavement Removal						X	X		X			X	X	X																							
Invasive Weed Removal/Grubbing			X	X	X	X	X	X	X	X	X																										
PHASE 3																																					
1 Construction																																					
Installation of bioswales/rain gardens, permeable pavement infiltration areas, Shrub Planting																	X	X	X	X	X	X															
Tree Planting																	X	X	X	X	X	X					X	X	X	X	X	X	X	X			
Irrigation Retrofit																		X	X	X	X	X															
Manufacture & Install Water Resources Interpretive Elements																	X	X	X	X	X	X															
PHASE 4																																					
1 Establishment																																					
Establishment																		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Maintenance Manual & As Builts																						X	X	X	X	X											
Grant Completion & Close Out																																			X	X	

Emerald Necklace San Gabriel River Habitat Restoration

Exhibit D





Locations for native trees, habitat plantings, decorative gates



San Gabriel River facing South at Lower Azusa East Bank



San Gabriel River facing South



San Gabriel River West Bank at Mt View High School



San Gabriel West Bank at Lower Azusa Road



San Gabriel River facing North at Lower Azusa Road



San Gabriel River facing South at Ramona Blvd

May 20, 2019 – Item 12

RESOLUTION 2019-19

RESOLUTION OF THE SAN GABRIEL AND LOWER LOS ANGELES
RIVERS AND MOUNTAINS CONSERVANCY (RMC) APPROVING A
PROPOSITION 1 GRANT TO AMIGOS DE LOS RIOS FOR THE
EMERALD NECKLACE SAN GABRIEL RIVER HABITAT
RESTORATION PROJECT (RMC 18009)

WHEREAS, The legislature has found and declared that the San Gabriel River and its tributaries, the Lower Los Angeles River and its tributaries, and the San Gabriel Mountains, Puente Hills, and San Jose Hills constitute a unique and important open space, environmental, anthropological, cultural, scientific, educational, recreational, scenic, and wildlife resource that should be held in trust to be preserved and enhanced for the enjoyment of, and appreciation by, present and future generations; and

WHEREAS, The people of the State of California have enacted the Water Quality, Supply, and Infrastructure Improvement Act of 2014 (“Proposition 1”) and

WHEREAS, the State of California has authorized an expenditure of funds from Proposition 1, the Water Quality, Supply, and Infrastructure Improvement Act of 2014 to the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy for capital outlay and local assistance multi-benefit grants for ecosystem and watershed protection and restoration projects; and

WHEREAS, The RMC may award grants to local public agencies, state agencies, federal agencies, and nonprofit organizations for the purposes of Division 22.8 the Public Resources Code; and

WHEREAS, The proposed project meets an objective of the California Water Action Plan for more reliable water supplies, restoration of important species and habitat, more resilient and sustainably managed water infrastructure; and

WHEREAS, The proposed project meets the goals of reducing greenhouse gas emissions consistent with AB 32; and

WHEREAS, The proposed project is consistent with the San Gabriel and Los Angeles River Watershed and Open Space Plan; and

WHEREAS, The proposed project protects land and water resources; and

WHEREAS, The grantee has requested a grant from Proposition 1, Section 79731 (f) or Section 79735 (a) of the Water Code; and

This action is exempt from the environmental impact report requirements of the California Environmental Quality Act (CEQA); and NOW

Therefore be it resolved that the RMC hereby:

- 1 FINDS that this action is consistent with the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy Act and is necessary to carry out the purposes and objectives of Division 22.8 of the Public Resources Code.
- 2 FINDS that the Proposition 1 RMC Grant Program is consistent with the Water Quality, Supply, and Infrastructure Improvement Act of 2014 ("Proposition 1"), which provides funds for the RMC grant program.
- 3 FINDS the proposed project meets at least one of the purposes of Proposition 1.
- 4 FINDS the proposed project meets at least one of the three objectives of the California Water Action Plan.
- 5 FINDS that the proposed action is consistent with the San Gabriel and Lower San Gabriel and Los Angeles River Watershed and Open Space Plan as adopted by the Rivers and Mountains Conservancy;
- 6 FINDS that the actions contemplated by this resolution are exempt from the environmental impact report requirements of the California Environmental Quality Act.
- 7 ADOPTS the staff report dated May 20, 2019.
- 8 AUTHORIZES a grant of Proposition 1 funds in the amount of \$1,117,588 to Amigos de los Rios for the Emerald Necklace San Gabriel River Habitat Restoration Project.

~ End of Resolution ~

Passed and Adopted by the Board of the
SAN GABRIEL AND LOWER LOS ANGELES RIVERS AND MOUNTAINS
CONSERVANCY on May 20, 2019.

Motion _____ Second: _____

Ayes: _____ Nays: _____ Abstentions: _____

Frank Colonna, Chair

ATTEST: _____
David Edsall, Jr.
Deputy Attorney General