1. Administrative Details

Proposal Name: Rio Hondo_San Gabriel River Ecosystem Restoration Feasibility Study

by Agency: City of Arcadia, CA

Locations: CA

Date Submitted: 08/20/2018

Confirmation Number: 538748e8-c260-4c97-96e2-c5467791794c

Supporting Documents

File Name	Date Uploaded
Vicinity.pdf	08/17/2018
Ecosystem Restoration Project Fact Sheets.pdf	08/17/2018
Support Letters.pdf	08/20/2018

2. Provide the name of the primary sponsor and all non-Federal interests that have contributed or are expected to contribute toward the non-Federal share of the proposed feasibility study or modification.

Sponsor	**Letter of Support**
City of Arcadia(Primary)	See attached letters of support
Cities of Bradbury, Duarte, Monrovia, Sierra Madre, County of Los Angeles, L os Angeles County Flood Control Distr ict	Attached

3. State if this proposal is for a feasibility study, a modification to an authorized USACE feasibility study or a modification to an authorized USACE project. If it is a proposal for a modification, provide the authorized water resources development feasibility study or project name.

[x] Feasibility Study

4. Clearly articulate the specific project purpose(s) of the proposed study or modification. Demonstrate that the proposal is related to USACE mission and authorities and specifically address why additional or new authorization is needed.

The City of Arcadia is seeking funding for a General Investigations Feasibility Study to restore degraded hab itat adjacent to Corps-built channels at the locations described below 1.Arcadia Wash Ecosystem Restoratio n Project at the Arboretum. The proposed project would restore degraded habitat along a 1,200-foot long sec tion of Arcadia Wash. The project would consist of a channel diversion structure to convey stormwater flows from Arcadia Wash to the wetlands, groundwater recharge basins, and a naturalized stream to Baldwin Lake. The wetlands will restore native riparian and aquatic habitat while providing a natural treatment system for the recharge basins for infiltration. Stormwater will also be conveyed to Baldwin Lake via a natural stream t o provide additional habitat areas and water for the lake. 2.Rio Hondo Ecosystem Restoration and Arcadia Wash Water Diversion Project. The proposed project would provide ecosystem restoration on a degraded ind ustrial property along a 2,000-foot long section of the Sawpit Wash by constructing an approximately 7-acre wetland habitat area prior to discharge into the Peck Road Water Conservation Basins and the Rio Hondo C hannel. The project would consist of a channel diversion structure and pipeline to convey stormwater flows f rom the Sawpit Wash to the wetland habitat area. The wetlands will create an area for native riparian and a quatic habitat while providing a natural treatment system for the groundwater recharge basins downstream. 3. Habitat Restoration for Basin 3E at the Santa Fe Spreading Grounds Project. The proposed project w ould provide ecosystem restoration to a degraded habitat that exists in a sedimentation basin within the San ta Fe Dam reservoir and spillway areas. Stormwater flows from Bradbury Channel to Basin 3E prior to disc harging to the San Gabriel River. The project would enhance the site's function with new riparian and aquat ic habitat that would reduce the sediment discharged to downstream ecosystems.

5. To the extent practicable, provide an estimate of the total cost, and the Federal and non-Federal share of those costs, of the proposed study and, separately, an estimate of the cost of construction or modification.

	Federal	**Non-Federal**	**Total**
Study	$1,500,000	$1,500,000	$3,000,000
Construction	$32,950,000	$32,950,000	$65,900,000

Explanation (if necessary)

6. To the extent practicable, describe the anticipated monetary and nonmonetary benefits of the proposal including benefits to the protection of human life and property; improvement to transportation; the national economy; the environment; or the national security interests of the United States.

Located in the foothills of the San Gabriel Mountains, the land within the jurisdictions of the non-Federal ag encies are well suited to capture, retain, and treat much of the rainwater for habitat restoration benefits that will also provide incidental water conservation by augmenting local groundwater. The member agencies' wat er supply is sourced from local groundwater aquifers - the Main San Gabriel Basin and the Raymond Basin. Although the Governor declared the drought emergency over in 2017, the region has not received seasonal rai nfall comparable to years past; thus, limiting rain water typically received throughout the region for ecosyste m services, and slowing groundwater recovery already impacted by the recent drought. It is critical now mo re than ever for the region to construct multi-purpose projects based on strong ecosystem restoration benefits that also incorporate multiple project purposes including capture of stormwater flows and subsequent water conservation through groundwater recharge. This would lead to a more sustainable water source and reduce dependence on imported water supplies. The proposed projects offer regional, multi-benefits for ecosyste m restoration, water conservation, and recreation. The combined projects are expected to conserve approxi mately 1900 acre-ft per year of stormwater that would otherwise be discharged to the ocean. The natural h abitat will also provide incidental water quality benefits for the local community. In addition, other econom ic and social effects would result from the implementation of these projects by creating employment opportu nities from construction, educating and involving the public, enhancing the community aesthetics, and provi ding health benefits. Public outreach during the projects' development and construction will bring more atte ntion to the value of habitat areas as well as the water quality problems in the region.

7. Does local support exist? If 'Yes', describe the local support for the proposal.

[x] Yes

Local Support Description

To begin with, this is a regional project supported by numerous separate localities in addition to the lead age ncy the City of Arcadia, including the cities of Bradbury, Duarte, Monrovia, Sierra Madre, County of Los A ngeles, as well as the Los Angeles County Flood Control District. There are a number of key local stakeh olders who support the project, including the Los Angeles Arboretum Foundation. The Foundation has exp ressed its support, pointing to the restoration and enhancement of vegetation, trees and other natural resour ces which will provide enjoyment to the public and habitat for wildlife.

8. Does the primary sponsor named in (2.) above have the financial ability to provide for the required cost share?

[x] Yes

Map Document

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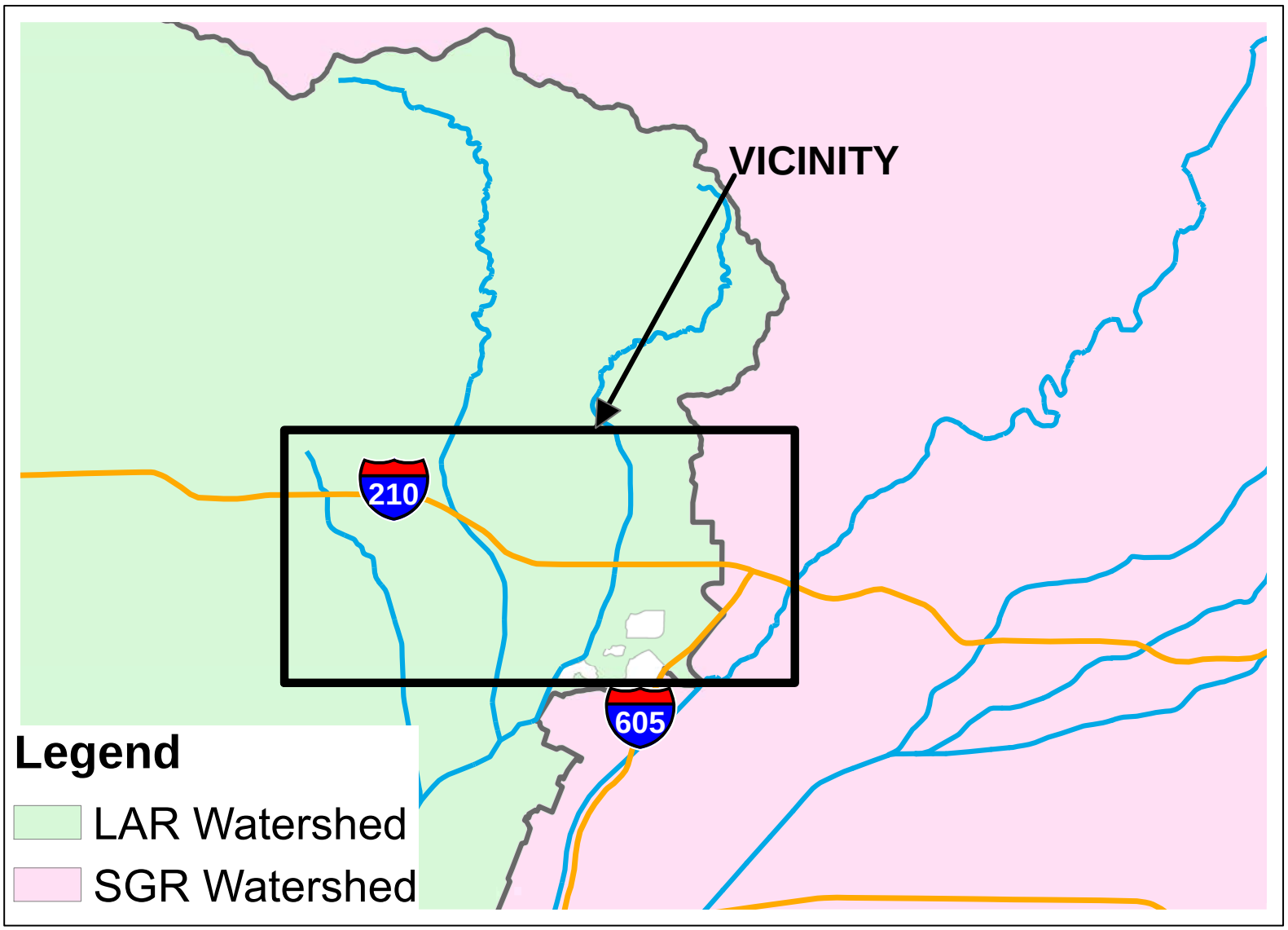
Vicinity.pdf


VICINITY
210
605
Legend
LAR Watershed
SGR Watershed

Additional Proposal Information

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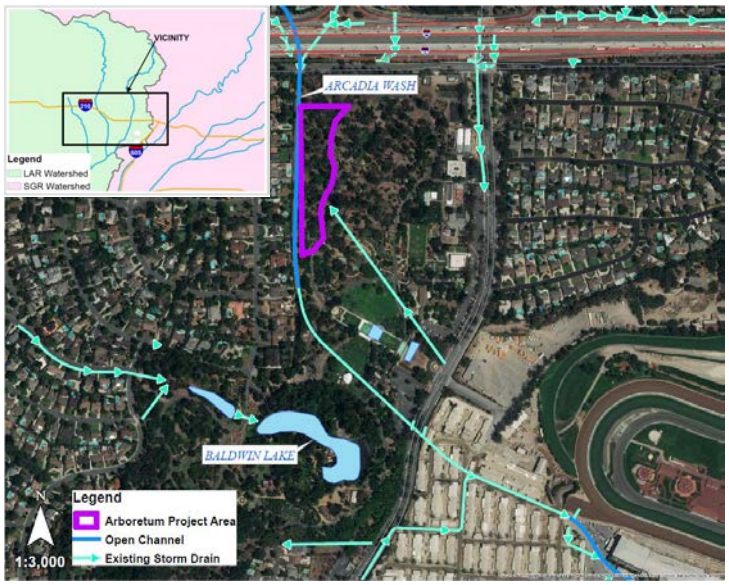
Ecosystem Restoration Project Fact Sheets.pdf

CITY OF ARCADIA, CITY OF SIERRA MADRE, AND THE COUNTY OF LOS ANGELES
ARCADIA WASH ECOSYSTEM RESTORATION PROJECT AT THE ARBORETUM

EXISTING SITE CONDITIONS



DRAINAGE AREA

DRAINAGE CHARACTERISTICS

DRAINAGE AREA (acres)	1,633
HYDROLOGIC SOIL GROUP	A/B
APPROX. DEPTH TO GROUNDWATER (ft)	58.9
SOIL DESCRIPTION	Well-drained
MODELED AVERAGE ANNUAL RUNOFF VOLUME (ac-ft)	1,633

BMP CHARACTERISTICS

LOCATION: ARCADIA ARBORETUM

LAT: 34° 8'32.55"N
LONG: 118° 3'13.62"W

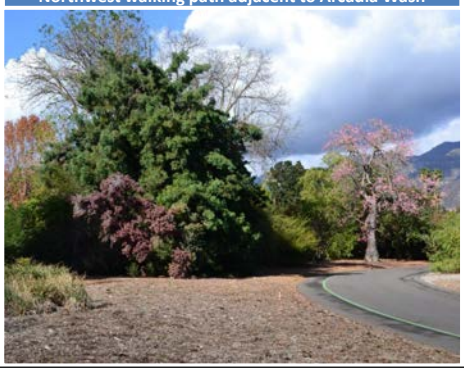
Proposed BMP Description: The proposed project would restore degraded habitat along a 2,000-ft long section of the Arcadia Wash flood control channel by constructing a vegetated wetland system with wetland ponds, groundwater (GW) recharge basins, and a meandering stream to Baldwin Lake. The project would consist of a rubber dam diversion structure to convey diverted flows from the Wash through the wetlands, GW recharge basins, to the stream, and then to Baldwin lake. Within the project area non-native habitat will be removed, and new plant species will be selected for the wetland ponds to provide native riparian habitat. The basins will infiltrate into the Raymond GW Basin providing GW recharge. Stormwater will also be conveyed to Baldwin Lake via a natural stream to provide additional habitat area and sustained water. This project also proposes catch basin reconstruction into green street mechanisms on the 3 drain inlets to Tule Pond, which would connect to the downstream Baldwin lake. This reconstruction would allow for Tule pond to be developed into a native habitat area.

Project Benefits:

- Ecosystem restoration with a natural treatment wetlands and meandering stream adjacent to the Arcadia Wash
- Increase habitat value with native/riparian vegetation for migratory birds and other sensitive species located within the area
- Creation of linkage of natural water supply to Baldwin Lake for a sustainable pond

Arcadia Wash (Corps-Built Channel)

Northwest walking path adjacent to Arcadia Wash



Baldwin Lake

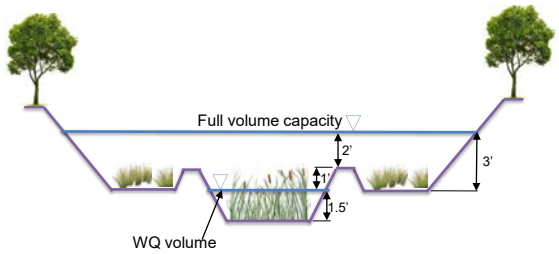
CITY OF ARCADIA, CITY OF SIERRA MADRE, AND THE COUNTY OF LOS ANGELES
ARCADIA WASH ECOSYSTEM RESTORATION PROJECT AT THE ARBORETUM

PROPOSED CONCEPTUAL SITE LAYOUT

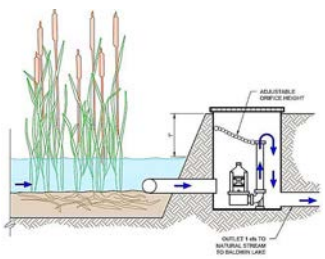
PLANNING-LEVEL COST ESTIMATE

DESCRIPTION	TOTAL COST
Arcadia Wash Diversion, Pretreatment, and Conveyance	$316,450
Dry Weather Pump Station	$800,000
Treatment and Recharge Ponds	$2,565,600
Green Streets for Tule Pond	$851,360
SUBTOTAL	**$4,533,410**
Mobilization/Demobilization (5% of Subtotal)	$226,671
Estimating Contingency (25% of Subtotal)	$1,133,353
TOTAL COST	**$5,893,433**

TYPICAL CROSS SECTION



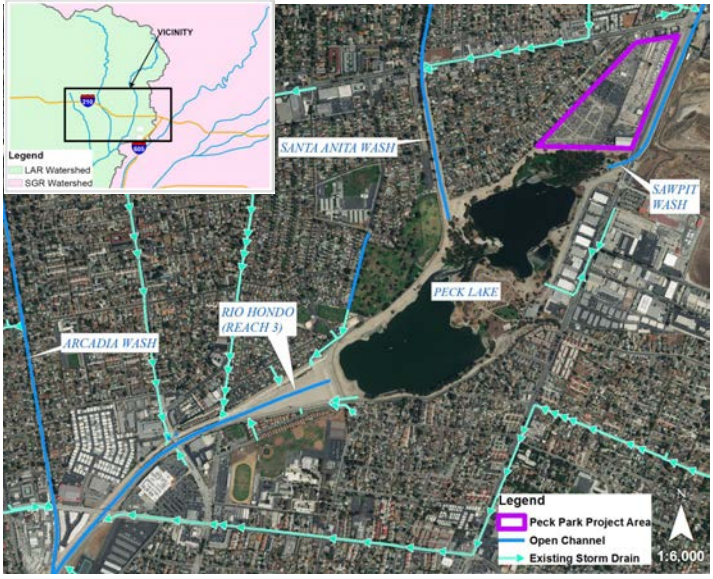
WETLAND CROSS SECTION TO OUTLET



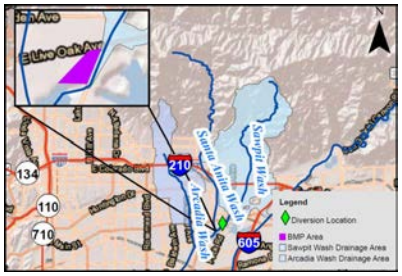
PROJECT CHARACTERISTICS

Approx. Arcadia Wash Invert Elevation at Diversion	575.00
Design Diversion Rate	30 cfs
Design In-Stream Flow to Baldwin Lake	1 cfs
Estimated Storage Capacity for Wetland Pond	1.4 ac-ft
Estimate Annual Groundwater Recharge	103.6 ac-ft/yr
Aquatic Ecosystem Restoration Area	0.6 acres

EXISTING SITE CONDITIONS



DRAINAGE AREA



DRAINAGE CHARACTERISTICS

DRAINAGE AREA OF EACH WASH (acres)	5,085 (Arcadia) 10,692 (Sawpit)
HYDROLOGIC SOIL GROUP	D
APPROX. DEPTH TO GROUNDWATER (ft)	42.1
SOIL DESCRIPTION	Well-drained/ somewhat excessively drained
MODELED AVERAGE ANNUAL RUNOFF VOLUME (ac-ft)	4,035.86 (Sawpit) 4,409.51 (Arcadia)

BMP CHARACTERISTICS

LOCATION: CITIES OF ARCADIA AND MONROVIA

LAT: 34° 6'20.75"N
LONG: 118° 0'33.85"W

Proposed BMP Description: The proposed project would restore the degraded Sawpit and Arcadia Washes by constructing approximately a 6.7-acre wetlands habitat area to treat stormwater flows and provide ecosystem services prior to discharge into the Peck Road Water Conservation Basins and the downstream Rio Hondo Channel. The project will consist of two channel diversion structures to convey stormwater flows from Sawpit Wash and Arcadia Wash to the wetlands habitat area. Phase 1 would construct the Arcadia Wash Diversion to Sawpit Wash, and Phase 2 would construct the Sawpit Wash Diversion and the wetlands. The Arcadia Wash diversion would require a pretreatment unit and pump to convey flows to Sawpit Wash. The wetlands will create an area for native riparian habitat while providing a natural treatment system for the recharge basins downstream.

Project Benefits:

- Aquatic ecosystem restoration with a natural treatment wetlands
- Increase habitat value with native/riparian vegetation for migratory birds and other sensitive species located within the area

Vacant Lot - Potential Location for Pump and Pretreatment Unit (Source: Google Earth)

Arcadia Wash Confluence with Rio Hondo

Sawpit Wash (Corps Built Channel)

CITIES OF ARCADIA, MONROVIA, AND SIERRA MADRE, THE COUNTY OF LOS ANGELES, AND THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

RIO HONDO ECOSYSTEM RESTORATION AND ARCADIA WASH WATER DIVERSION PROJECT

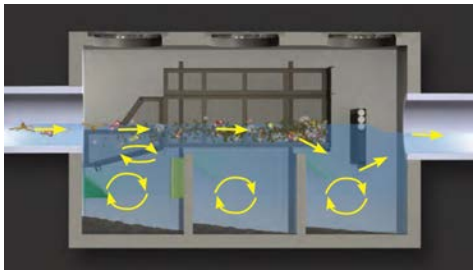
PROPOSED CONCEPTUAL SITE LAYOUT

PLANNING-LEVEL COST ESTIMATE

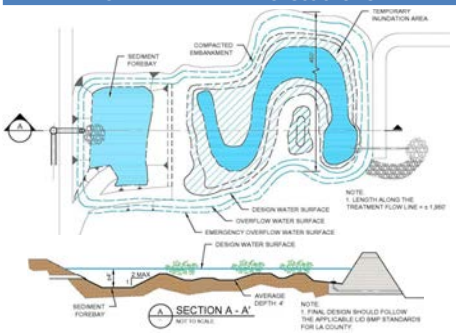
DESCRIPTION	TOTAL COST
Phase 1 – Arcadia Wash Water Conservation Diversion	
Arcadia Wash Diversion, Pretreatment, and Conveyance	$5,997,500
Estimated Land Acquisition	$1,390,000
Phase 1 Subtotal	***$7,387,500***
Mobilization/Demobilization (5% of Subtotal)	$147,750
Estimating Contingency (25% of Subtotal)	$1,846,875
Phase 1 Total Cost	***$9,382,125***
Phase 2 – Rio Hondo Ecosystem Restoration Project	
Sawpit Wash Diversion, Pretreatment, and Conveyance	$16,789,000
Storage and Treatment	$17,536,400
Estimated Land Acquisition	$3,030,000
Phase 2 Subtotal	***$37,355,400***
Mobilization/Demobilization (5% of Subtotal)	$1,867,770
Estimating Contingency (25% of Subtotal)	$9,338,850
Phase 2 Total Cost	***$48,562,020***
TOTAL COST	**$57,944,145**

Note: The land acquisition costs were estimated from the LA Property Assessment Information 2017 Roll Values.

TYPICAL DEBRIS SEPARATING BAFFLE BOX (Source: BioClean Environmental, Inc.)



TYPICAL PLAN VIEW AND CROSS SECTION



PROJECT CHARACTERISTICS

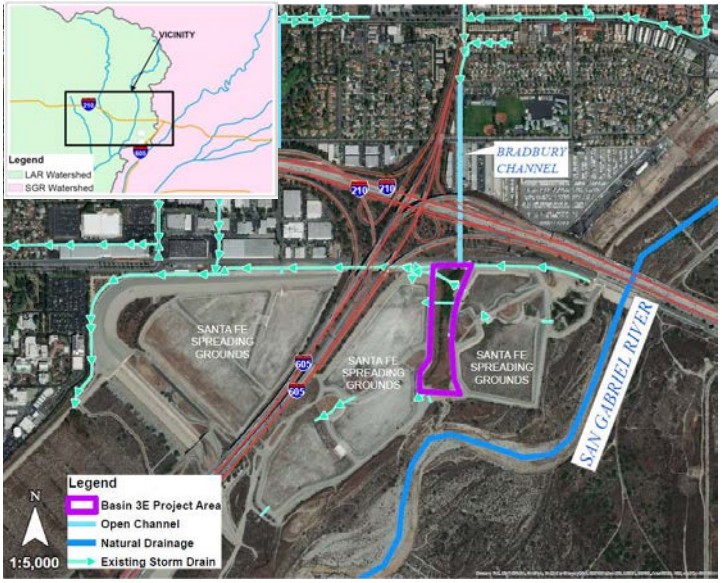
Design Diversion Rate from Sawpit Wash	185 cfs
Approx. Sawpit Wash Elevation at Diversion	332.0
Design Diversion Rate from Arcadia Wash	37 cfs
Approx. Arcadia Wash Invert Elevation at Diversion	338.5
Estimated Storage Capacity for Wetlands	33 ac-ft
Estimate Annual Groundwater Recharge	1,006 ac-ft/yr
Aquatic Ecosystem Restoration Area	6.7 acres

CITIES OF ARCADIA, MONROVIA, AND SIERRA MADRE, AND THE COUNTY OF LOS ANGELES

RIO HONDO ECOSYSTEM RESTORATION AND ARCADIA WASH WATER DIVERSION PROJECT

CITY OF BRADBURY, CITY OF DUARTE, AND THE COUNTY OF LOS ANGELES
HABITAT RESTORATION FOR BASIN 3E AT SANTA FE SPREADING GROUNDS PROJECT

EXISTING SITE CONDITIONS



DRAINAGE AREA

DRAINAGE CHARACTERISTICS

DRAINAGE AREA (acres)	2,137
HYDROLOGIC SOIL GROUP	B
APPROX. DEPTH TO GROUNDWATER (ft)	312
SOIL DESCRIPTION	Well-drained/ somewhat excessively drained
MODELED AVERAGE ANNUAL RUNOFF VOLUME (ac-ft)	793.52

BMP CHARACTERISTICS

LOCATION: CITY OF IRWINDALE

LAT: 34° 7'49.40"N
LONG: 117°57'23.42"W

Proposed BMP Description: The proposed project would restore an existing USACE detention basin at the outlet of Bradbury Channel by constructing a sand filter basin similar to the Austin Sand Filter by Caltrans and treating the water without negatively impacting the Santa Fe Spreading Grounds. The project would consist of a sedimentation chamber with a water quality riser to a filtration chamber that includes filter media, underdrain cleanouts, and overflow spillways to convey treated water either to the surrounding spreading grounds or to the spillway basins to the San Gabriel River. This project provides increased sediment capture from the mountainous runoff for enhancement of the downstream San Gabriel River ecosystem.

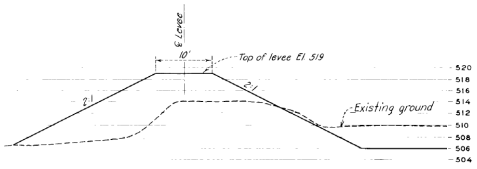
Project Benefits:

- Groundwater recharge
- Enhanced downstream ecosystem by increased sediment capure
- Increased flood control capacity by restoring infiltration rates of the natural basin

Bradbury Channel Outlet to Existing Detention Basin

Basin 3E Outlet to the San Gabriel River

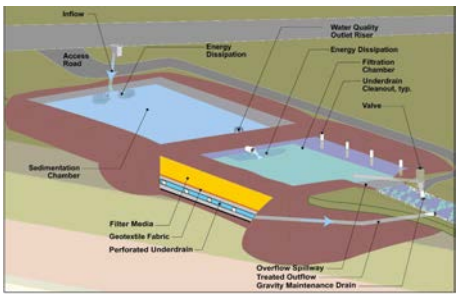
Existing Cross Section of Basin 3E



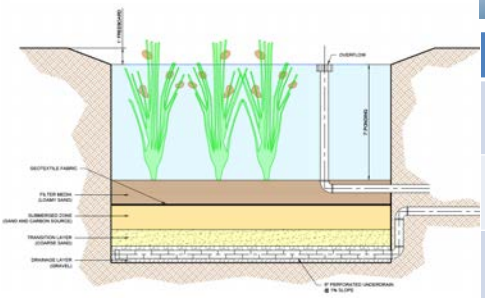
PROPOSED CONCEPTUAL SITE LAYOUT

ISOMETRIC VIEW OF CALTRANS AUSTIN SAND FILTER BASIN

(Source: Caltrans DOT)

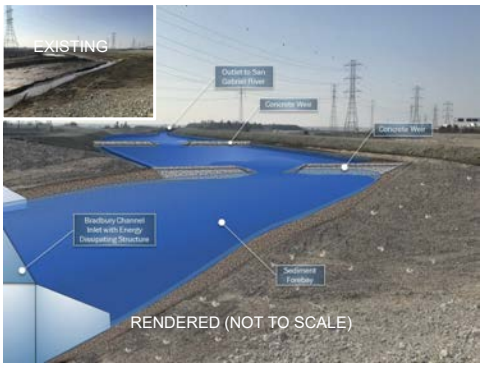


TREATMENT SECTION



PLANNING-LEVEL COST ESTIMATE

DESCRIPTION	TOTAL COST
Bradbury Channel, Pretreatment, and Conveyance	$547,700
Storage and Treatment	$1,051,314
SUBTOTAL	**$1,599,014**
Mobilization/Demobilization (5% of Subtotal)	$79,951
Estimating Contingency (25% of Subtotal)	$399,754
TOTAL COST	**$2,078,718**



PROJECT CHARACTERISTICS

Design Sand Depth Design Gravel Layer Depth	1.5' 1'
Estimated Storage Capacity for Basin	11.4 ac-ft
Estimate Annual Groundwater Recharge	337 ac-ft/yr

CITY OF BRADBURY, CITY OF DUARTE, AND THE COUNTY OF LOS ANGELES

HABITAT RESTORATION FOR BASIN 3E AT SANTA FE SPREADING GROUNDS PROJECT

Primary Sponsor Letter of Support

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Support Letters.pdf

The Arboretum
LOS ANGELES COUNTY ARBORETUM & BOTANIC GARDEN

August 14, 2018

Col. Aaron Barta
U.S. Army Corps of Engineers
Los Angeles District
915 Wilshire Blvd.
Los Angeles, CA 90017

RE: Letter of Support for the Rio Hondo/San Gabriel River Ecosystem Restoration Feasibility Study

Dear Col. Barta:

As Chief Executive Officer of the Los Angeles County Arboretum, I write in support of the City of Arcadia's application to fund the Rio Hondo/San Gabriel River Ecosystem Restoration Feasibility Study. Note that the Arboretum serves as project site and as an environmental education center receiving 445,000 annual visitors, offering singular opportunity to enhance regional water sustainability. The proposed project will not only showcase the importance of ground water recharge and high efficiency water use, but restore a habitat area that is critical to the urban ecosystem and to regional environmental education programs.

The proposed project will restore and make sustainable Baldwin Lake, the Arboretum's center piece and one of the most vital habitats in the Rio Hondo/San Gabriel River watershed. The recent lack of precipitation has not replenished the water levels needed to support wildlife and thus Baldwin Lake has relied on potable water to maintain habitat quality. Through the Rio Hondo/San Gabriel River Ecosystem Restoration Feasibility Study, the City of Arcadia would construct projects that restore and maintain water levels while also increasing groundwater recharge and improving water quality.

I urge your agency to select this project as part of the "US Army Corps of Engineers 2019 Annual Report to Congress on Future Water Resources Development" authorization.

If you have any questions, please contact me at richard.schulhof@arboretum.org, or by phone at 626.821.3231. Thank you for your time and consideration.

Sincerely,

Richard Schulhof
CEO

City of Duarte
1600 Huntington Drive | Duarte, CA 91010 | Bus. 626.357.7931 | Fax 626.358.0018 | www.accessduarte.com

August 14, 2018

Col. Aaron Barta
U.S. Army Corps of Engineers
Los Angeles District
915 Wilshire Blvd.
Los Angeles, CA 90017

RE: Letter of Support for the Rio Hondo/San Gabriel River Ecosystem Restoration Feasibility Study

Dear Col. Barta:

On behalf of the City of Duarte, I am writing in support of the City of Arcadia's efforts to seek funding for the Rio Hondo/San Gabriel River Ecosystem Restoration Feasibility Study. As a city located within the Rio Hondo/San Gabriel River watersheds, the proposed Ecosystem Restoration Feasibility Study will examine opportunities to create and reestablish habitat to support wildlife populations at project areas such as the Los Angeles County Arboretum and Botanic Garden, the Peck Road Park Lake, and Basin 3E of the San Gabriel River Spreading Grounds. Ancillary to habitat restoration, the proposed Feasibility Study will evaluate opportunities to increase groundwater recharge, improve water quality and enhance recreational experiences.

Since the statewide drought, many of the habitats located in the Rio Hondo/San Gabriel River watersheds, have been severely impacted. For example, the lack of precipitation has not replenished the water levels at Baldwin Lake to sustain the wildlife populations and thus Baldwin Lake has relied on portable water to maintain the necessary water levels. With the Rio Hondo/San Gabriel River Ecosystem Restoration Feasibility Study, the City of Arcadia would construct projects that address habitat restoration while other benefits such as groundwater recharge and improve water quality can also be achieved.

I hope your agency selects this project to be included in the "US Army Corps of Engineers 2019 Annual Report to Congress on Future Water Resources Development" authorization.

If you have any questions, please contact me at georged@accessduarte.com or by phone at (626) 357-7931 Ext. 223

Sincerely,

Darrell George
City Manager

City of MONROVIA 1887

August 14, 2018

Col. Aaron Barta
U.S. Army Corps of Engineers
Los Angeles District
915 Wilshire Blvd.
Los Angeles, CA 90017

RE: Letter of Support for the Rio Hondo/San Gabriel River Ecosystem Restoration Feasiblity Study

Dear Col. Barta:

On behalf of the City of Monrovia, I am writing in support of the City of Arcadia's efforts to seek funding for the Rio Hondo/San Gabriel River Ecosystem Restoration Feasibility Study. As a city located within the Rio Hondo/San Gabriel River watersheds, the proposed Ecosystem Restoration Feasibility Study will examine opportunities to create and reestablish habitat to support wildlife populations at project areas such as the Los Angeles County Arboretum and Botanic Garden, the Peck Road Park Lake, and Basin 3E of the San Gabriel River Spreading Grounds. Anxiallary to habitat restoration, the proposed Feasibility Study will evaluate opportunities to increase groundwater recharge, improve water quality and enhance recreational experiences.

Since the statewide drought, many of the habitats located in the Rio Hondo/San Gabriel River watersheds, have been severely impacted. For example, the lack of precipitation has not replenished the water levels at Baldwin Lake to sustain the wildlife populations and thus Baldwin Lake has relied on portable water to maintain the necessary water levels. With the Rio Hondo/San Gabriel River Ecosystem Restoration Feasibility Study, the City of Arcadia would construct projects that address habitat restoration while other benefits such as groundwater recharge and improve water quality can also be achieved.

I hope your agency selects this project to be included in the the "US Army Corps of Engineers 2019 Annual Report to Congress on Future Water Resources Development" authorization.

If you have any questions, please contact me Alex Tachiki, Senior Management Analyst at atachiki@ci.monrovia.ca.us by phone at 626-932-5553.

Sincerely,

Oliver Chi
City Manager

City of Sierra Madre

Public Works Department
232 W. Sierra Madre Boulevard, Sierra Madre, CA 91024
phone 626.355.7135 fax 626.355.2251

August 14, 2018

Col. Aaron Barta
U.S. Army Corps of Engineers
Los Angeles District
915 Wilshire Blvd.
Los Angeles, CA 90017

RE: Letter of Support for the Rio Hondo/San Gabriel River Ecosystem Restoration Feasiblity Study

Dear Col. Barta:

On behalf of the City of Sierra Madre, I am writing in support of the City of Arcadia's efforts to seek funding for the Rio Hondo/San Gabriel River Ecosystem Restoration Feasibility Study. As a city located within the Rio Hondo/San Gabriel River watersheds, the proposed Ecosystem Restoration Feasibility Study will examine opportunities to create and reestablish habitat to support wildlife populations at project areas such as the Los Angeles County Arboretum and Botanic Garden, the Peck Road Park Lake, and Basin 3E of the San Gabriel River Spreading Grounds. Ancillary to habitat restoration, the proposed Feasibility Study will evaluate opportunities to increase groundwater recharge, improve water quality and enhance recreational experiences.

Since the statewide drought, many of the habitats located in the Rio Hondo/San Gabriel River watersheds, have been severely impacted. For example, the lack of precipitation has not replenished the water levels at Baldwin Lake to sustain the wildlife populations and thus Baldwin Lake has relied on portable water to maintain the necessary water levels. With the Rio Hondo/San Gabriel River Ecosystem Restoration Feasibility Study, the City of Arcadia would construct projects that address habitat restoration while other benefits such as groundwater recharge and improve water quality can also be achieved.

I hope your agency selects this project to be included in the "US Army Corps of Engineers 2019 Annual Report to Congress on Future Water Resources Development" authorization.

If you have any questions, please contact me at ccimino@cityofsierramadre.com, or by phone at 626-355-6615.

Sincerely,

Chris Cimino
Director of Public Works

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

MARK PESTRELLA, Director

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
http://dpw.lacounty.gov

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

August 16, 2018

IN REPLY PLEASE
REFER TO FILE: SWQ-4

Colonel Aaron Barta
United States Army Corps of Engineers
Los Angeles District
915 Wilshire Boulevard
Los Angeles, CA 90017

Dear Colonel, Barta:

WATER RESOURCES DEVELOPMENT ACT
RIO HONDO/SAN GABRIEL RIVER ECOSYSTEM RESTORATION
FEASIBILITY STUDY – LETTER OF SUPPORT

On behalf of the County of Los Angeles and the Los Angeles County Flood Control District, we support the City of Arcadia's efforts to seek funding through the Water Resources Development Act for the Rio Hondo/San Gabriel River Ecosystem Restoration Feasibility Study. As agencies located within the Rio Hondo/San Gabriel River watersheds, the proposed Ecosystem Restoration Feasibility Study will examine opportunities to create and reestablish habitat to support wildlife populations at local project areas, such as the Los Angeles County Arboretum and Botanic Garden, the Peck Road Park Lake, and Basin 3E of the San Gabriel River Spreading Grounds. Ancillary to habitat restoration, the proposed Feasibility Study will evaluate opportunities to increase groundwater recharge, improve water quality, and enhance recreational experiences.

Since the statewide drought, many of the habitats located in the Rio Hondo/San Gabriel River watersheds have been severely impacted. For example, the lack of precipitation has not replenished the water levels at Baldwin Lake to sustain the wildlife populations and thus, Baldwin Lake has relied on potable water to maintain the necessary water levels. With the Rio Hondo/San Gabriel River Ecosystem Restoration Feasibility Study, the City of Arcadia would construct projects that address habitat restoration while other benefits, such as groundwater recharge and improved water quality can also be achieved.

We hope your agency selects this project to be included in the "United States Army Corps of Engineers 2019 Annual Report to Congress on Future Water Resources Development" authorization.

If you have any questions, please contact me at (626) 458-4325 or palva@dpw.lacounty.gov or your staff may contact Ms. Genevieve Osmeña at (626) 458-3978 or gosmena@dpw.lacounty.gov.

Very truly yours,

MARK PESTRELLA
Director of Public Works

PAUL ALVA
FOR Assistant Deputy Director
Stormwater Quality Division

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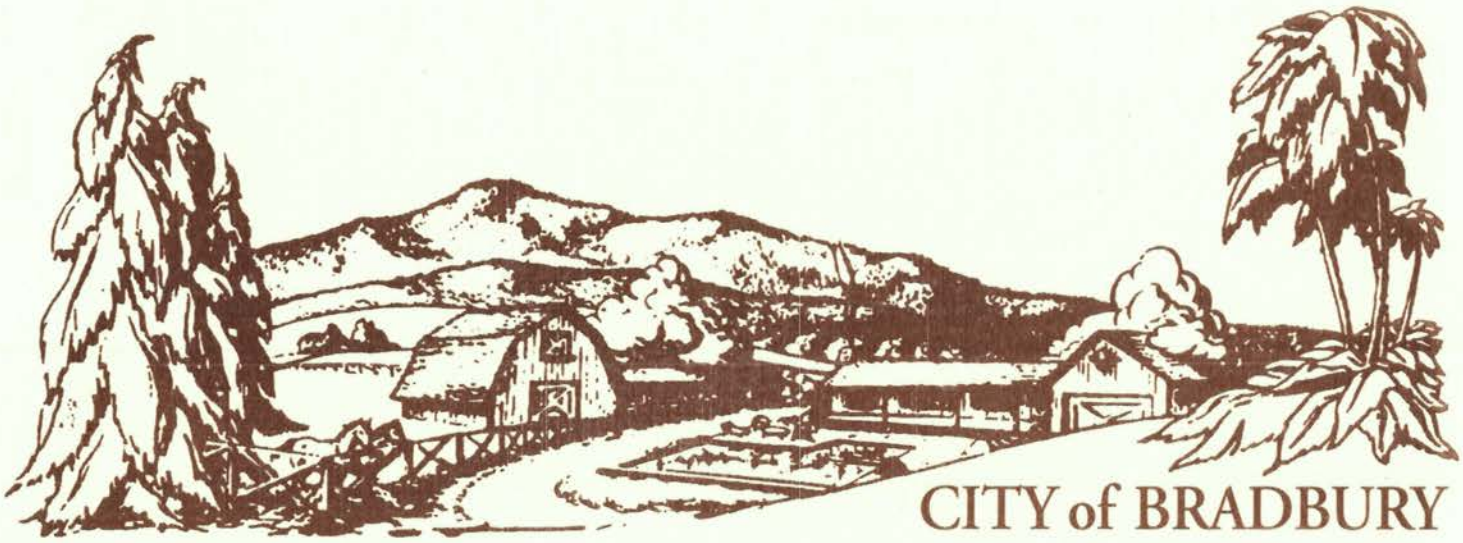

CITY of BRADBURY

Incorporated July 26, 1957

August 14, 2018

Col. Aaron Barta
U.S. Army Corps of Engineers
Los Angeles District
915 Wilshire Blvd.
Los Angeles, CA 90017

RE: Letter of Support for the Rio Hondo/San Gabriel River Ecosystem Restoration Feasibility Study

Dear Col. Barta:

On behalf of the City of Bradbury, I am writing in support of the City of Arcadia's efforts to seek funding for the Rio Hondo/San Gabriel River Ecosystem Restoration Feasibility Study. As a city located within the Rio Hondo/San Gabriel River watersheds, the proposed Ecosystem Restoration Feasibility Study will examine opportunities to create and reestablish habitat to support wildlife populations at project areas such as the Los Angeles County Arboretum and Botanic Garden, the Peck Road Park Lake, and Basin 3E of the San Gabriel River Spreading Grounds. Ancillary to habitat restoration, the proposed Feasibility Study will evaluate opportunities to increase groundwater recharge, improve water quality and enhance recreational experiences.

Since the statewide drought, many of the habitats located in the Rio Hondo/San Gabriel River watersheds, have been severely impacted. For example, the lack of precipitation has not replenished the water levels at Baldwin Lake to sustain the wildlife populations and thus Baldwin Lake has relied on portable water to maintain the necessary water levels. With the Rio Hondo/San Gabriel River Ecosystem Restoration Feasibility Study, the City of Arcadia would construct projects that address habitat restoration while other benefits such as groundwater recharge and improve water quality can also be achieved.

I hope your agency selects this project to be included in the "US Army Corps of Engineers 2019 Annual Report to Congress on Future Water Resources Development" authorization.

If you have any questions, please contact me at kkearney@cityofbradbury.org by phone at (626) 358-3218.

Sincerely,

Kevin Kearney
City Manager