

Safe, Clean Water Program

Rio Hondo

Watershed Area Steering Committee (WASC)



Meeting Minutes:

Wednesday, January 15, 2019

9:00am - 11:00am

City of Monrovia, Monrovia Room

[321 S. Myrtle Ave Monrovia, CA 91016](https://www.monrovia.ca.gov/321_S_Myrtle_Ave_Monrovia_CA_91016)

Attendees

Committee Members and Alternates:

Julian Juarez (LA County Flood Control District)

Kelly Gardner (Main San Gabriel Basin)

Kristen Ruffell (Sanitation Districts)

Tom Love (Upper San Gabriel Valley Municipal Water District)

Brent Maue (City of Pasadena Parks and Recreation)

Thomas Wong (San Gabriel Valley Municipal Water District)

Frank Lopez (Monterey Park)

Mark Hall (Greater LA County Vector Control District)

Daniel Rossman (The Wilderness Society)

David Dolphin (Alhambra)

Vanessa Hevener (Arcadia)

Fernando Villaluna* (LA County)

Sean Singletary (Pasadena)

James Carlson (Sierra Madre)

Gloria Crudgington (Monrovia)

Committee Members Not Present

Ron Miller (LA/OC Building Trades)

Michael Hurley (Cal Water)

*Committee Member Alternate

See attached sign-in sheet for full list of attendees

1. Welcome and Introductions

Mr. Carlson of Sierra Madre, the Chair of the Rio Hondo welcomed all of the members and confirmed a quorum of the committee was present. All committee members made self-introductions.

2. Approval of Meeting Minutes from December 11, 2019

The Los Angeles County Flood Control District (District) provided a copy of the meeting minutes from the previous meeting. Mr. Carlson asked the committee members for comments or revisions.

Ms. Ruffell of Sanitation Districts made a motion to approve the meeting minutes from November 6, 2019. Ms. Crudgington seconded the motion. Thomas Wong abstained. **The committee voted to approve the meeting minutes from December 11, 2019 (14 votes in agreement, 1 vote abstain).**

3. Committee Member and District Updates

Ms. Crudgington informed the committee that the Regional Water Quality Control Board had a meeting to discuss the new MS4 permit. Specific details regarding the Rio Hondo watershed would become available in the coming months.

Safe, Clean Water Program

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Watershed Area Steering Committee (WASC)



Mr. Kevin Kim (District) provided a summary of the Call for Projects submittals including the amount of funding requested, the number of submittals per watershed area, and how the members and public may view the applications on www.safecleanwaterla.org.

4. Public Comment Period

No public comment.

5. Discussion Items:

a. Summary of feasibility studies, project concepts, and scientific studies submitted for Rio Hondo River WASC for Consideration

Mr. Kim provided a summary of projects that were submitted through the Infrastructure Program, Technical Resources Program and Scientific Studies Program for the Rio Hondo River Watershed Area and discussed criteria related to the development of the Stormwater Investment Plan. The overview of the Project submittals for the Rio Hondo River Watershed Area can be found [here](#).

b. Monrovia Unified School District Campus Green Infrastructure Development Project (Amigos de los Rios)

Presentation by Ms. Claire Robinson. Discussion followed.

Mr. Hall asked why some projects were deemed complete when they appeared to be missing the vector minimization plan for the feasibility study. Mr. Kim responded that the applicants were contacted via email to confirm that a vector minimization plan would be completed as the project is developed.

Mr. Rossman asked what the definition of disadvantaged community (DAC) was used for the Safe, Clean Water Program. Mr. Kim defined DAC from the list of Ordinance definitions. Mr. Antos further clarified that the definition of DAC used by SCW Program is the same definition in the Water Code and is one of the two definitions used by the State.

Ms. Crudington stated that the City of Monrovia did not have the ability to evaluate projects within the city jurisdiction done by outside entities. She raised concern that the Los Angeles Regional Water Quality Control Board may intend to assign school districts as permittees on the next version of the MS4 permit which would raise concern of school funds being spent towards water quality projects.

Ms. Gardner asked how the project reduced dependence on imported water and by how much. Ms Robinson responded that the statement was qualitative not quantitative at this time.

The committee discussed the Technical Assistance Teams, the recipients of the funding for Technical Resources Program, and the need for additional guidance from the District for allocating the TRP funds. District staff clarified that the intent of the Technical Resource Program is to provide Technical Assistance Teams to assist persons or organizations that do not have technical resources to complete and develop a feasibility study. District further clarified that Technical Assistance Teams will be provided by the District and that TRP funds will not be disbursed to TRP applicant.

Safe, Clean Water Program

Rio Hondo

Watershed Area Steering Committee (WASC)



6. Voting Items:

a. Send all completed feasibility studies to Scoring Committee for Consideration

The committee approved to send the three Infrastructure Project applications to the Scoring Committee by roll call (unanimous to approve).

7. Items for next agenda (2nd meeting in January)

Ms. Ruffell requested a presentation for guidance to generate the Stormwater Investment Plan (SIP) and for further guidance on the process used to generate the SIP. Ms. Ruffell requested additional guidance for the funding provisions for 110% return of funds to Disadvantaged Communities.

Ms. Crudgington requested additional guidance for a review process for municipal approval for projects built within their jurisdiction.

8. Adjournment

Mr. Carlson thanked the committee members and public for their time and participation and adjourned the meeting.

Rio Hondo

Watershed Area Steering Committee Meeting

COMMITTEE MEMBER AND ALTERNATE SIGN-IN



Member Name	Municipality/ Organization	Email Address	Signature
Julian Juarez	FCD	JJUAREZ@dpw.lacounty.gov	
Kelly Gardner	Main San Gabriel Basin	kelly@watermaster.org	
Brent Maue	City of Pasadena Department of Public Works	Bmaue@cityofpasadena.net	
Kristen Ruffell	Sanitation Districts	kruffell@lacsds.org	
Tom Love	Upper San Gabriel District	tom@usgvmwd.org	
Thomas Wong	San Gabriel Valley MWD Division 3	thomaswong05@gmail.com	
Michael Hurley	Cal Water	mhurley00@gmail.com	
Ron Miller	LA/OC Building Trades	rmiller@laocbuildintradef.org	
Daniel Rossman	The Wilderness Society	daniel_rossman@twss.org	
Mark Hall	Vector Control	mhall@glacvcd.org	
David Dolpin	Alhambra	ddolphin@cityofalhambra.org	
Vanessa Hevener	Arcadia	vhevener@ArcadiaCA.gov	
Mark Lombos	Los Angeles County	MLOMBOS@dpw.lacounty.gov	
Gloria Crudgington	Monrovia	gcrudgington@ci.monrovia.ca.us	
Frank Lopez	Monterey Park	flopez@montereypark.ca.gov	
Sean Singletary	Pasadena	ssingletary@cityofpasadena.net	

Rio Hondo

Watershed Area Steering Committee Meeting COMMITTEE MEMBER AND ALTERNATE SIGN-IN



Member Name	Municipality/ Organization	Email Address	Signature
James Carlson	Sierra Madre	jcarlson@cityofsierramadre.com	
Carolina Hernandez	FCD	CHERNANDEZ@dpw.lacounty.gov	A
Tony Zampielo	Main San Gabriel Basin Watermaster	tony@watermaster.org	A
Martha Tremblay	Sanitation Districts	mtremblay@lacsdsd.org	A
Robert Tock	Upper San Gabriel District		A
Bryan Matsumoto	Nature for All	bryan@lanatureforall.org	A
Liliana Griego	Friends of the Los Angeles River	liliana@folar.org	A
Mark Daniel	Vector Control	mdaniel@glacvcd.org	A
Eddie Chan	Arcadia	echan2@ArcadiaCA.gov	
Latoya Waters	Alhambra	lwaters@cityofalhambra.org	A
Fernando Villaluna	Los Angeles County	FVILLALUNA@dpw.lacounty.gov	
Sean Sullivan	Monrovia	ssullivan@ci.monrovia.ca.us	A
Mark A. McAvoy	Monterey Park	mmcavoy@MontereyPark.ca.gov	A
Kris Markarian	Pasadena	kmarkarian@cityofpasadena.net	A
Chris Cimino	Sierra Madre	CCimino@cityofsierramadre.com	A

Rio Hondo

Watershed Area Steering Committee Meeting

PUBLIC SIGN-IN



First Name	Last Name	Municipality/Organization	Email Address
Ariella	Dahlin	Amigos de los Rios	ariella@amigosdelosrios.org
Claire	Robinson	Amigos de los Rios	Claire@amigosdelosrios.org
KATHLEEN	MC GOWAN	MC GOWAN CONSULTING	KATHLEEN@MCGOWANCONSULTING
Oliver	Galang	oliver.galang@craftwaterinc.com	
Brad	Wardynski	Craftwater	brad.wardynski@craftwaterinc.com
Matt	Fray		
JOSH	FELTON		
BLAKE	WHITTINGTON	SELF	
Vik	Bapna	CWE	vbapna@cwesrp.com
Dawn	Petschauer	LASAN	dawn.petschauer@lasan.org
Fatevik Barakazyan	Barakazyan	South Pasadena	fbarakazyan@southpasadenacspa.org
DREW READY		CWH	cread@water-shed-het.org
Mackenzie Dorman	Dorman	LA county Public Works	mdorman@pw.lacounty.gov
Joe Venzel	Venzel	" "	JVENZEL@ " " "
Ernest Rodriguez	Rodriguez	Inland Engineering Consult	Inland Engineer@gmail.com

*Signing or completing this form is voluntary for members of the public



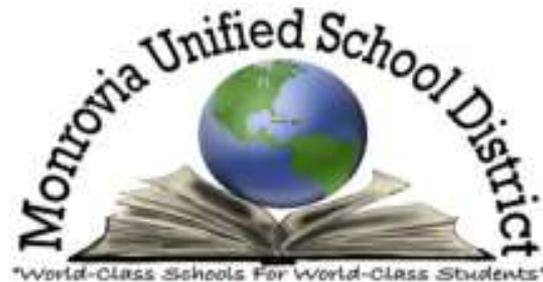
SAFE CLEAN WATER L.A.

Monrovia Unified School District Campus Green Infrastructure Development Project

Managing Director - Claire Robinson
Amigos de los Rios / Emerald Necklace Group
claire@amigosdelosrios.org



AMIGOS DE LOS RIOS
EMERALD
NECKLACE

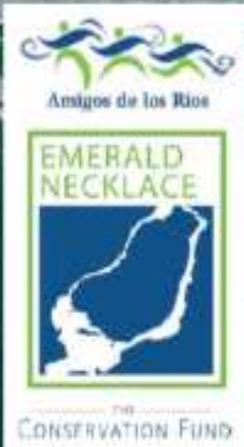
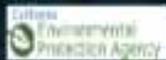
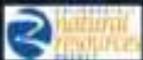


EMERALD NECKLACE FOREST TO OCEAN EXPANDED VISION PLAN:

Towards a Common Vision



The Emerald Necklace Forest to Ocean Expanded Vision Plan: Towards a Common Vision
Funded by: The Safe Drinking Water, Water Quality and Supply Flood Control, River and Coastal
Protection Bond Act of 2006 Proposition 67 and the State of California Strategic Growth Council



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SAFE CLEAN WATER L.A.



AMIGOS DE LOS RIOS
EMERALD
NECKLACE

Water Resources
Stormwater Mgt

Open Space
Recreation Access

Sustainable
Transportation

Biodiversity
Habitat Corridors

Climate Response
Resilient Communities

Green
Infrastructure
& Public
Health

CONVERGENT GREEN INFRASTRUCTURE PLANNING

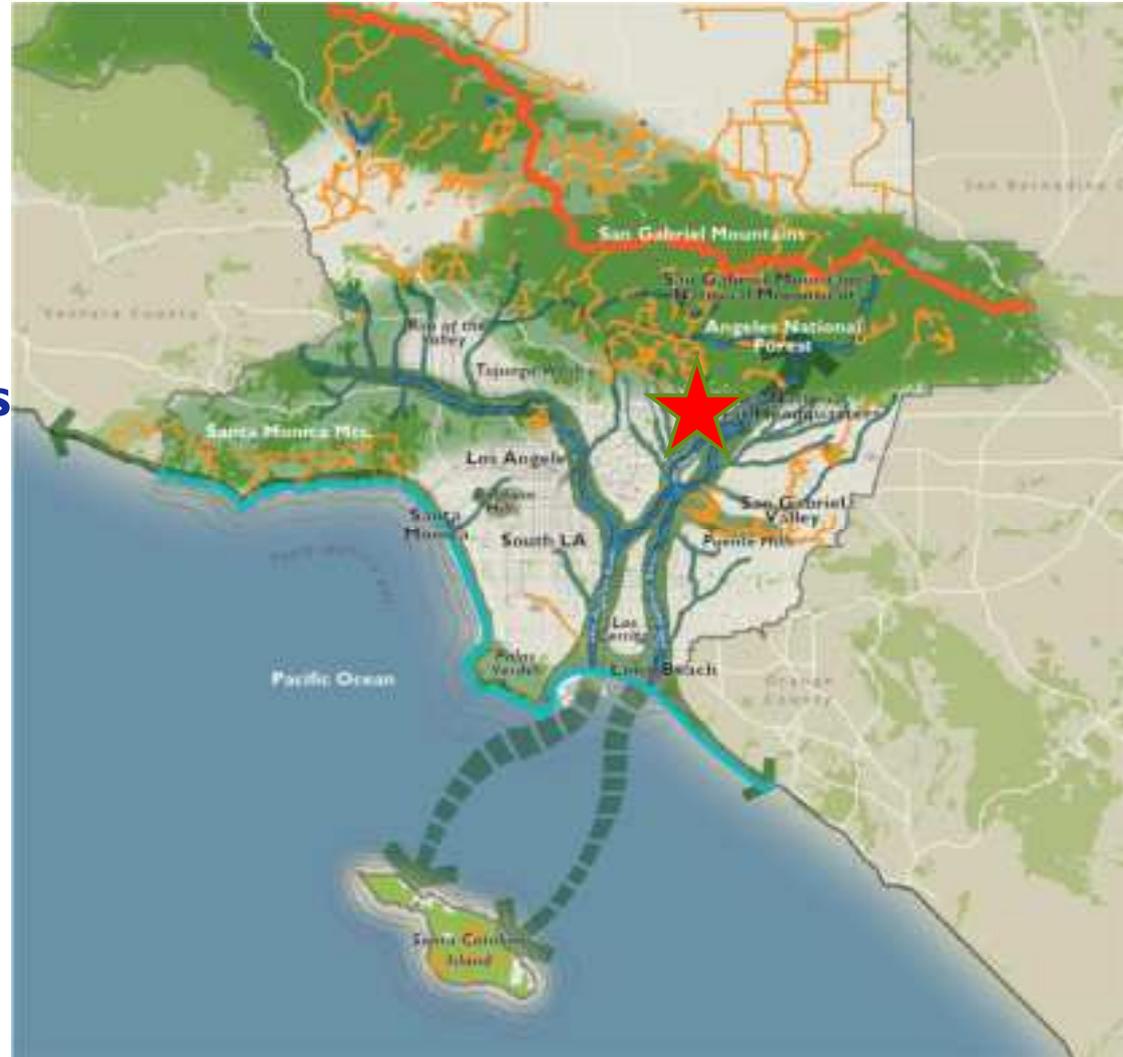


AMIGOS DE LOS RIOS

EMERALD
NECKLACE

WATERSHED APPROACH Olmsted Bartholomew Plan 1930 Founded 2003 RIO HONDO

501(c)3 non-profit organization committed to protecting water resources, restoring open space & natural resources in our urban environments by creating an 'Emerald Necklace' Green Infrastructure network of sustainable parks, trails and schools throughout the Los Angeles Basin from the Mountains to the Sea.





Development of NEXT Generation Watershed Stewards



A special thanks to the following California Conservation Corps, Los Angeles Conservation Corps, and San Gabriel Valley Conservation Corps Members who have built Lashbrook Park for the benefit of current and future generations:

- | | | | | | | | | | |
|-------------------|--------------------|--------------------|--------------------|-----------------|------------------|------------------|---------------------|--------------------|-----------------|
| Adrian Dominguez | Andres Garcia | Chris Hernandez | Eric Guerrero | Hilario Garcia | Jake Salinas | Larry Planchon | Manoel Flores | Rafael Trujillo II | Terrell Hines |
| Adrian Amador | Angel Ortiz | Christian Flores | Erin Suarez | Jamal Davis | Justine Brown | Larrell Newman | Nathanael Ray | Robert King Jr | Thomas Padgett |
| Adriana Contreras | Anthony Delgado | Christina Perez | Felicia Salgado | Jessal Martinez | Juan Dorsey | Lisa Pilo | Nicole Serrano | Ronald Gonzalez | Thomas Parajo |
| Albert Dukes | Anthony Ramirez | Christina Olivas | Forresto Contreras | Jenny Mejia | Juan Gonzalez | Lucy Aguirre | Orlando Barrios II | Ruben Olivas | Timothy Stone |
| Alfonso Carrero | Arnold Taylor Jr | Christopher Zamora | Forresto Ruiz | Jenny Gallardo | Juan Lopez | Marcos Olvera | Perez Thelma-Lorena | Salvador Hernandez | Ulises Gallegos |
| Alex Caporale | Ayla Martinez | Daniel Gomez | Gary Spiller | Jessal Walker | Juan Deliva | Marga Olvera | Philly Zamora | Zares Diaz | William Serrano |
| Alexis Gonzalez | Brenda-Lynn Taylor | Daniel Lopez | Garry Salazar | Jessal Jackson | Jessal Garcia | Porfirio Alaya | Rafael Martinez | Sergio Fuentes | William Cruz |
| Alysha Sanchez | Bruce Perkins | Daniel Perez | Gilberto Duarte | Jessal Vega | Jessal Garcia II | Raymon Jimenez | Rafael Rios | Shirley Magallon | |
| Andrew De La Cruz | Camacho Green | Danny Flores | Gonzalo Chagas | Jessal Zapata | Jessal-Monica | Roberto Alatorre | Rafaela Flores | Sally Perez | |
| Anna Garcia | Capitan Reed | David Smith | Guillermo Lozano | Jenny Fabian | Juan Flores | Richard Garcia | Rosa Aguirre | Stephen Diaz | |
| Armando Arana | Cesar Gomez | Eric Garcia | Heather Ruiz | Joe Torres | Karolena Arnold | Michael Sanchez | Richard Navarro | Stephanie Holt | |



FOCUS on DAC Communities



PECK ROAD WATER CONSERVATION PARK



VETERANS MEMORIAL PARK



RIO VISTA PARK



LASHBROOK PARK



GIBSON MARIPOSA PARK



DURFEE THOMPSON PARK

NATURAL INFRASTRUCTURE

Multi Objective Projects



Monrovia Unified School District Campus Green Infrastructure Development RIO HONDO WATERSHED

Project Concept will retrofit three MUSD Schools and seeks to manage stormwater by increased capture, filtering and infiltration through a natural systems approach focused on community-based design of green infrastructure.

Multi Objective Goals: Key Stormwater, Ecosystem & Community Health Benefits:

Pervious Paving & Permeable Surfaces, Healthy Soil
Bioswales, Rain Gardens, Landscape Infiltration Planters,
Urban Forestry, Mulched Native Plant Landscape Areas,
Watershed Education Program



REGIONAL GOALS

REGIONAL GOAL

- 1 Promote Active Transportation - Walking, Biking, and Alternative Commute Options
- 2 Create Functional and Multi-Purpose Natural (Green) and Built (Grey) Environment Networks
- 3 Improve Public Health by Expanding Access to Nature and Outdoor Recreation
- 4 Treat Water as a Multi-Benefit Amenity
- 5 Design and Build Communities Resilient to the Current and Projected Impacts of Climate Change
- 6 Enhance Regional Anchors for People and Wildlife
- 7 Support Environmental Awareness and Civil Engagement through Education, Outreach, and Cultural Heritage
- 8 Foster a Green Economy that Creates Jobs and Encourages Investment in Local Multi-Benefit Projects

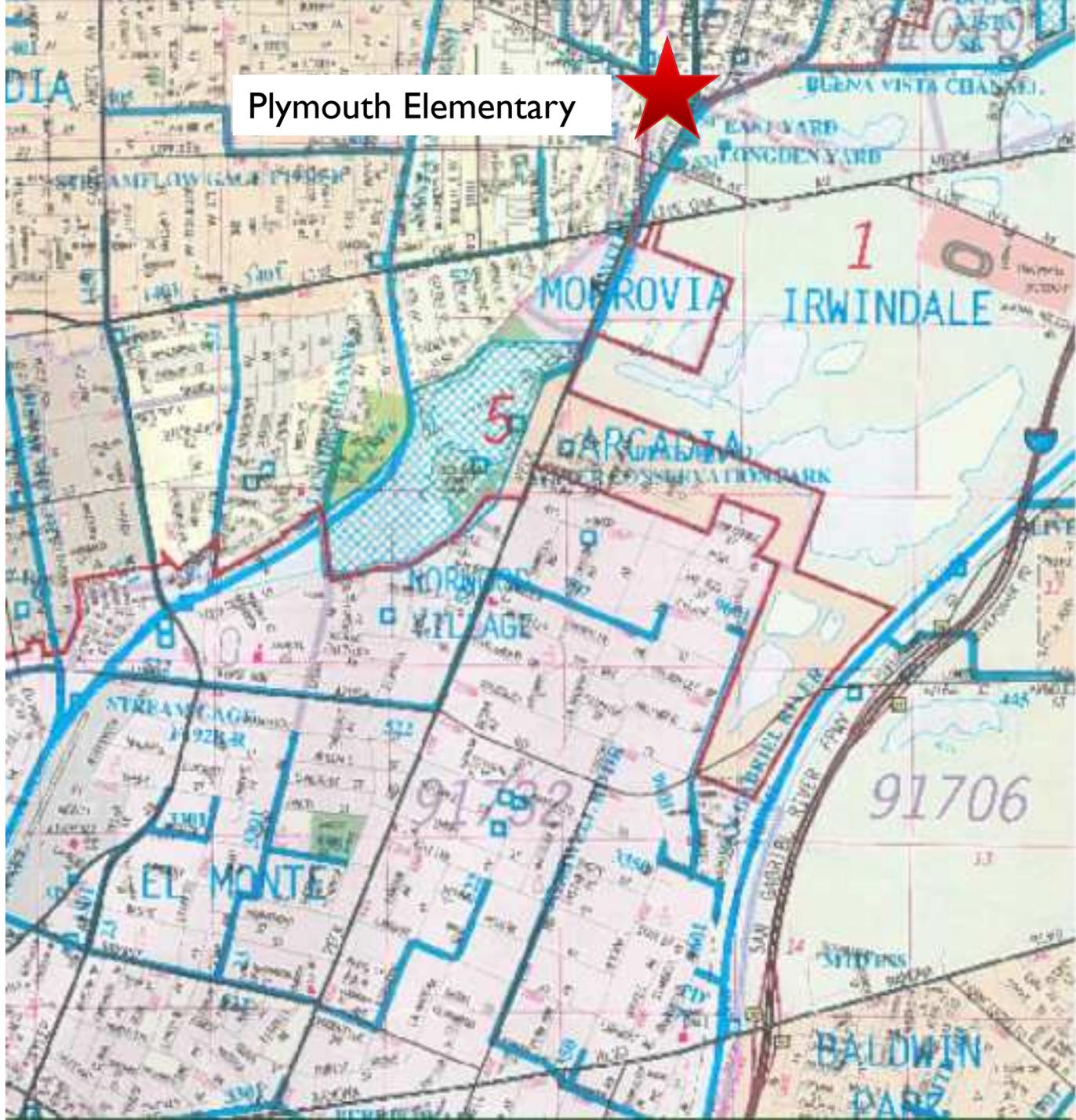


COMMON VISION

- 1 An interconnected network of walking and biking trails, from forest to ocean
- 2 Interconnected and complementary green and grey infrastructure networks
- 3 A nature-based network of recreation facilities that promotes public health, social justice and equity
- 4 A water network that infiltrates groundwater, manages wet weather events and provides human enjoyment
- 5 Communities resilient to changing water supplies, climate extremes and sea level rise
- 6 A linked network of open space treasures from the Mountains to the Sea
- 7 A network of culturally aware and civically involved communities that support conservation, restoration and recreation
- 8 A robust and sustainable local economy that produces new economic opportunities around a growing green infrastructure

TOWARDS A COMMON VISION

Plymouth Elementary





PECK RD. WATER CONSERVATION PARK

QUARRY REDEVELOPED

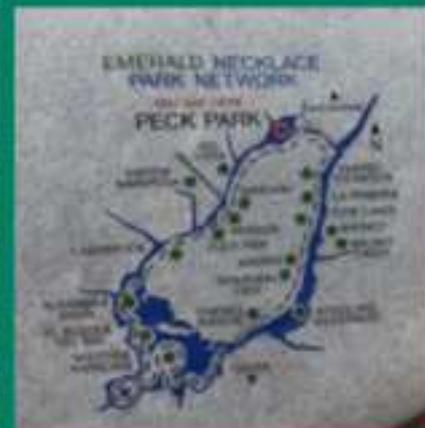


www.amigosdelosrios.org | 908 E Altadena Dr | Altadena, CA 91001 | t: (626) 791.1611 | f: (626) 791.1771



- Created 540 linear foot bioswale
- Created 350 linear foot decomposed granite trail
- Removed subterranean concrete from former quarry
- Total trees planted to date 240
- Total shrubs planted to date 1,411
- Total trees planted to date 8,712

> phase I completed





Water Resources & Quality Benefits

▶ Storm Water Management

- Capture Urban Runoff & Storm Water w/Green Infrastructure Elements
- Recharge groundwater /Reduce waste of Imported Water/RainWater
- Preventing pollutants from entering Storm Drain System & Waterways.
- Address Drainage Issues, Local Flooding & Vector Control

▶ Water quality concerns downstream

- Copper, lead, zinc, DDT, PAHs, PCBs coliform and enterococcus.
- Natural infrastructure elements filter pollutants before entering water sources

▶ Public Health – Vector Issues

- ▶ West Nile & Zika Virus

▶ Water Conservation – grass removal /Native Plant Landscape/Efficient Irrigation



Monrovia Unified School District Campus Green Infrastructure Development Project
 Measure W Safe Clean Water



Monrovia Unified School District Campus Green Infrastructure Development

Estimated Implementation Budget

Item	Amount
Contingency	\$120,446
Construction	\$2,039,140
Establishment	\$192,000
Design, Outreach, Permissions /Construction Admin	\$390,000
Overhead	\$328,990
TOTAL	\$3,070,576

Project Management & Admin	\$ 57,000
Community Based Design/Outreach	\$ 60,000
Civil Engineering/Monitoring Design	\$ 105,000
Landscape Architecture/Arborist	\$ 40,000
Survey Engineer	\$ 45,000
Overhead	\$ 36,840
TECHNICAL ASSISTANCE TOTAL	\$ 343,840

**Technical Assistance Request
\$343,840**





The Health Benefits of Urban Greening



Urban Greening Improves Physical Wellness

Urban green spaces encourage exercise and are a more restorative environment than indoor settings.¹

Green spaces provide necessary places and opportunities for physical activity. Exercise improves cognitive function, learning, and memory.^{2,3}

In a study, residents of areas with the highest levels of greenery were three times as likely to be physically active and 40% less likely to be overweight or obese than residents living in the least green settings.⁴

Childhood asthma rates are the highest in parts of the city where tree density is the lowest.⁵



Urban Greening Improves Mental Wellness

The experience of nature helps to restore the mind from the mental fatigue of work or studies, contributing to improved work performance and satisfaction.^{6,7}

People who visit green spaces for 30 minutes or more a week have lower rates of depression and high blood pressure.⁸

Even brief glimpses of natural elements improve brain performance by providing a cognitive break from the complex demands of urban life.⁹

Urban nature can provide calming and inspiring environments and encourages learning, inquisitiveness, and alertness.^{10,11}



Urban Greening Improves Academic Performance

Memory performance and attention span improve by 20 percent after spending an hour interacting with nature.¹²

Symptoms of ADD in children can be reduced through activity in green settings, thus "green time" can act as an effective supplement to traditional medicinal and behavioral treatments.^{13,14}

Nature experiences are important for encouraging imagination and creativity, cognitive and intellectual development, and social relationships.^{15,16}

College students with more natural views from their dorm windows scored higher on attention tests and rated themselves as able to function more effectively.¹⁷



Jeff Seymour Family Center Green Infrastructure Campus





Green Infrastructure Elements

- A Urban Community Forestry**
 Habitat • Heat Island reduction
 Stormwater capture • Carbon sequestration
- B Rain Garden**
 Stormwater capture • Habitat
- C Bioswale**
 Stormwater capture • Habitat
- D Rain Modules**
 Stormwater capture
- E Stormwater Basin**
 Stormwater capture • Rain modules
- F Bike Safety Track**
 Cool pavement / Heat Island reduction
 Bike training / active transportation
 Stormwater capture • Habitat
- G Community Garden**
 Food production • Education
- H Bike Park / Skills Track**
 Bike training / active transportation
 Nature-based play
- I Walking Paths**
 Physical fitness • Habitat
- J Interpretive Elements**
 Education • Community Science

= Location of Green Infrastructure Signage



Campus green infrastructure plan implemented through a community-based process by AMIGOS DE LOS RIOS, a 501(C)(3). We hope you enjoy! - www.amigodelosrios.org



Funding for this project has been provided by the California Greenhouse Gas Reduction Fund through the California Department of Forestry and Fire Protection (CAL FIRE), Urban and Community Forestry Program.



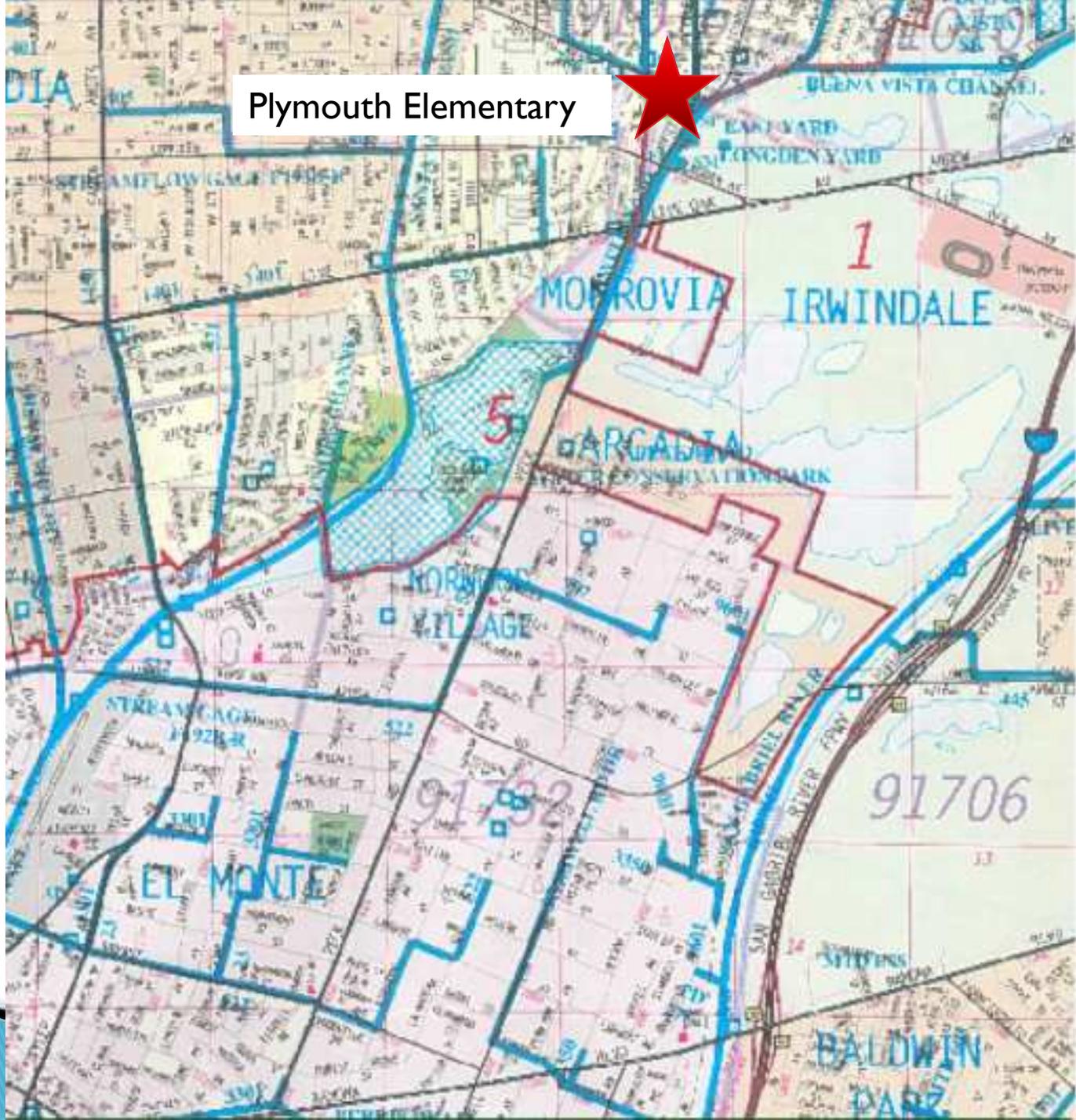
Jeff Seymour Family Center Green Infrastructure Campus



SCHEDULE

- ▶ Design by 7/2020 –10/2020
- ▶ Permit & Construction by 2/2021–8/2021
- ▶ Establish of Natural Infrastructure Elements by 2/2021 –5/2022

Plymouth Elementary



Santa Fe Middle School



- Legend**
- Watershed
 - Single Family Residential
 - Multi-Family Residential
 - Commercial
 - Institutional
 - Industrial
 - Roads and Alleys
 - Open Space
 - River
 - Storm Drain

MONROVIA SANTA FE MIDDLE SCHOOL WATERSHED PROJECT CAPTURE AREA

Project Watershed	Average	% of
Total Capture Area	34.11	100%
Impervious Area	15.39	45%
Permeable Area	18.72	55%
		100%

Impervious Group	Average	% of	Description
Single Family Residential	12	35%	Impervious
Multi-Family Residential	3.39	22%	Impervious
Commercial	2.21	14%	Impervious
Institutional	6.32	42%	Impervious
Industrial	1.07	7%	Impervious
Highways & Interstates	0	0%	Impervious
Secondary Roads & Alleys	0.70	5%	Impervious
Pavement	0	0%	Impervious
Agricultural	0	0%	Impervious
Urban Open Space	0	0%	Impervious
Open Space	0	0%	Impervious

Plymouth Elementary School



MONROVIA PLYMOUTH ELEMENTARY WATERSHED PROJECT CAPTURE AREA

Project Watershed	Average	% of
Total Capture Area	221.91	100.00%
Impervious Area	50.87	23.00%
Permeable Area	171.04	77.00%
		100%

Impervious Group	Average	% of	Description
Single Family Residential	48.73	22.10%	Impervious
Multi-Family Residential	2.68	1.21%	Impervious
Commercial	0	0%	Impervious
Institutional	1.91	0.87%	Impervious
Industrial	0	0%	Impervious
Highways & Interstates	0	0%	Impervious
Secondary Roads & Alleys	11.21	5.05%	Impervious
Pavement	0	0%	Impervious
Agricultural	0	0%	Impervious
Urban Open Space	0	0%	Impervious
Open Space	0	0%	Impervious

Plymouth Elementary & Santa Fe Middle School Watersheds



C. Plymouth Elementary School
1300 Boley St, Monrovia, CA 91016



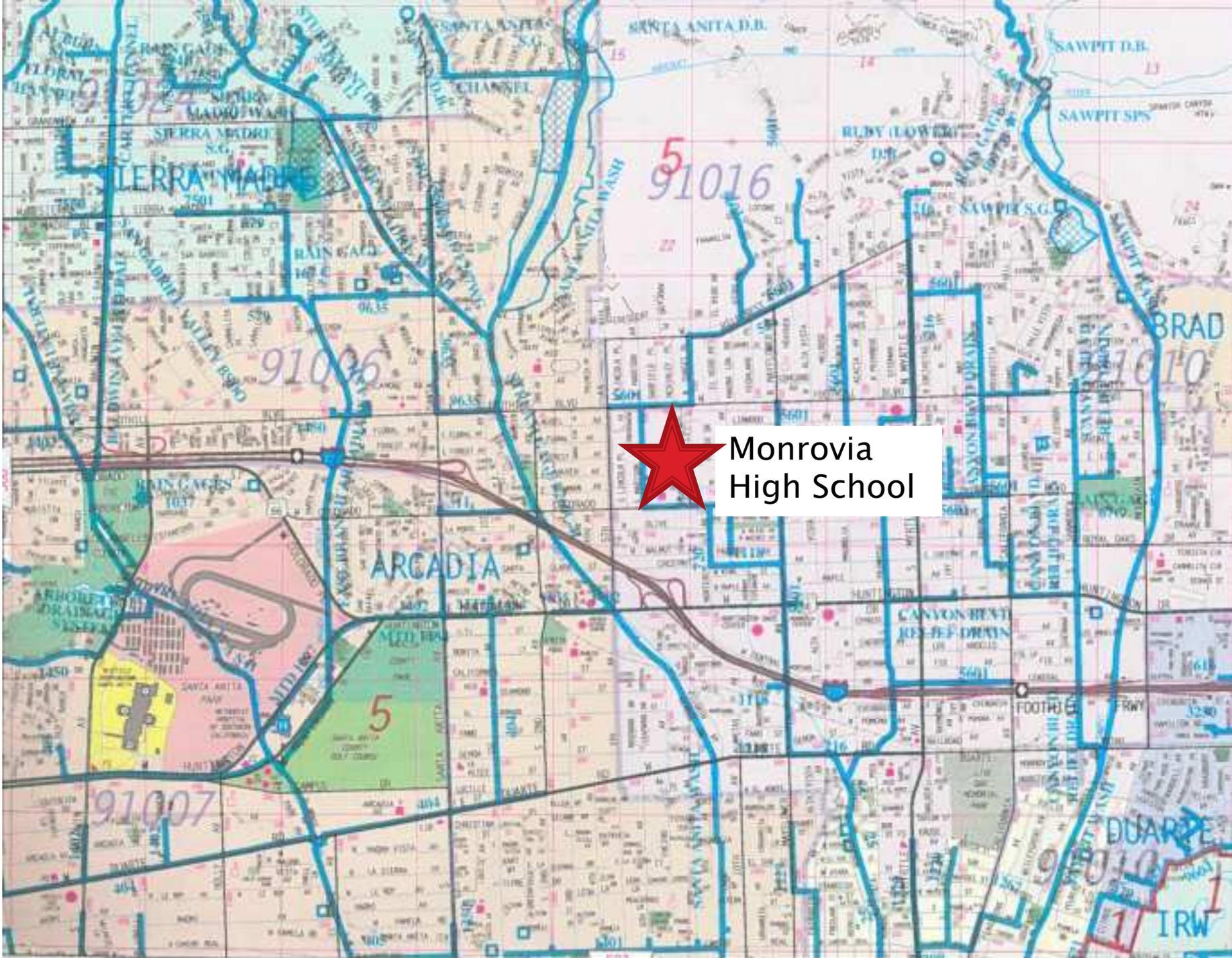
MONROVIA
UNIFIED SCHOOL DISTRICT



B. Santa Fe Middle School
148 W Duarte Rd, Monrovia, CA 91016



MONROVIA
WATER RESOURCES DIVISION



Monrovia
High School

Monrovia High School Watershed Capture Area

Monrovia High School

Legend

-  Watershed
-  Single Family Residential
-  Multi-Family Residential
-  Commercial
-  Institutional
-  Industrial
-  Roads and Alleys
-  Open Space
-  River
-  Storm Drain

MONROVIA HS WATERSHED PROJECT CAPTURE AREA		
Project Watershed	Area	% of
Total Capture Area	30.1	100%
Impervious Area	9.58	31.73%
Pervious Area	20.58	68.27%
		100.00%

Impervious Area	Area	% of	Assumptions
Single Family Residential			30% Impervious
Multi-Family Residential			50% Impervious
Commercial			70% Impervious
Institutional	9.58	100.00%	100% Impervious
Industrial			80% Impervious
Highways & Interstates			100% Impervious
Tertiary Roads & Alleys			90% Impervious
Vacant			30% Impervious
Agricultural			0% Impervious
Urban Open Space			90% Impervious
Open Space			10% Impervious





A. Monrovia High School

845 W Colorado Blvd, Monrovia, CA 91016



MONROVIA







LA County Invasive Aedes Infestation Area

 *Aedes aegypti*  *Aedes albopictus*  *Aedes triseriatus*

Monrovia





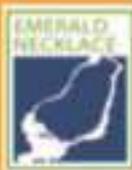
Emerald Necklace Green Infrastructure | Los Angeles County

DURFEE-THOMPSON SCHOOL JOINT USE PROJECT, EL MONTE JOINT USE TRAIL



Emerald Necklace Green Infrastructure | Los Angeles County

MADRID EXERCISE & NATURE TRAIL



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www.amigosdelosrios.org | 900 E. Altadena Dr | Altadena, CA 91001 | t: [626] 791.1611 | f: [626] 791.1771



ACRES: 7
 DESIGN: Impartium & Associates (Landscape Architecture)
 DATE: 2009, 2010, 2011
 PROJECT TEAM: Impartium, CA Engineering, Impartium, Davis, SOHCO and UNIC



> amenities



ACRES: 8
 DESIGN: California State Recreational Agency, California (Contract), Impartium
 California Department of Transportation, LA County, Supervisor 9th District & LA
 County Board Supervisor 10th District
 DATE: 2009
 PROJECT TEAM: Amigos de los Rios, Davis, SOHCO, Impartium, Davis, SOHCO and UNIC



> exercise & nature

> Outdoor Classroom



> Therapy Area



> Educational Signage



> Nature Trail





Development of NEXT Generation Watershed Stewards



