

Proposal Full View

Applicant Information

Organization Name *

Tax ID **95600805**

Proposal Name 14 th Street Storm Water Collection and Integration Basin *

Proposal Objective This proposed project provides an integrated approach to flood control, water quality treatment, and groundwater recharge. If granted, it will serve to achieve the Integrated Regional Water Management (IRWM) goals by capturing rainstorm runoff to provide flood protection and, secondary, to recharge the captured runoff for groundwater replenishment. The Project will relieve the "bottle neck" in the City's drainage system. It consists of installing approximately 4,700 ft of storm water collection and diversion pipelines, ranging from 24-inch to 84-inch, and constructing a 232 ac-ft detention/retention basin. The basin will serve as a recharge point as well as a collecting arm for the existing Upland Basin that can retain two back-to-back large Q-100 storm events. *

Budget

Other Contribution	\$500,000.00
Local Contribution	\$2,500,000.00
Federal Contribution	\$0.00
Inkind Contribution	\$0.00
Amount Requested	\$2,500,000.00 *
Total Project Cost	\$5,500,000.00 *

Geographic Information

Latitude * DD(+/-) MM SS

Longitude * DD(+/-) MM SS

Longitude/Latitude Clarification

Location

Benson Ave/14th Street Upland California

County
Ground Water Basin
Hydrologic Region
Watershed

Middle Santa Ana

San Bernardino *
Upper Santa Ana Valley-Chino
South Coast

Legislative Information

Assembly District 61st Assembly District *

Senate District 31st Senate District *

US Congressional District District 26 (CA) *

Project Information

Project Name	<input type="text" value="14th Street StormWater Collection and Integration"/>
Implementing Organization	City of Upland
Secondary Implementing Organization	Chino Basin Watermaster
Proposed Start Date	9/1/2013
Proposed End Date	8/31/2017
Project Scope	Construction of a Retention/Detention Basin (approx. 70 acre-feet of storage capacity) and a storm drain system.
Project Description	The project site is one of a handful of sites remaining in the City that can be utilized for retention/detention of storm water and urban runoff. It also has the added feature of being located in close proximity to existing groundwater retention facilities. The proposed project consists of the following elements: - Construction of a new storm drain on 14th Street between Mountain Avenue and the westerly terminus of 14th Street to convey flows from Mountain Avenue above 14th Street. - Construction of a new storm drain along Benson Avenue between the project site and 13th Street to convey storm flows to the UplandBasin, near Arrow Highway and Monte Vista Avenue. - Construction
Project Objective	The project objective is to prevent future flooding and flood related damage to existing public streets and existing private structures. The project will capture and convey rain storm runoff from small, medium and large storm events (up to 100-year) to a proposed detention/retention basin.

Project Benefits Information

Project Objective

Budget

Other Contribution

Local Contribution	2500000
Federal Contribution	0
Inkind Contribution	0
Amount Requested	2500000
Total Project Cost	5500000

Geographic Information

Latitude DD(+/-)	34	MM 6	SS 53
Longitude DD(+/-)	-117	MM 40	SS 41
Longitude/Latitude Clarification		Location	Benson Ave/14th Street
County San Bernardino Ground Water Basin Upper Santa Ana Valley-Chino Hydrologic Region South Coast WaterShed			
Middle Santa Ana			

Legislative Information

Assembly District	61st Assembly District
Senate District	2nd Senate District, 31st Senate District
US Congressional District	District 3 (CA), District 26 (CA)

Section : Applicant Information Question Tab

APPLICANT INFORMATION QUESTION TAB

Q1. PROPOSAL DESCRIPTION

Provide a brief abstract of the Proposal, including a listing of individual project titles.

Over the past century Upland has been plagued with reoccurring floods, which have caused property damage, disruption of services and loss of human life. During the early part of the century most of the city was agricultural with the land consisting of open space. The open space allows small to medium storm event runoff to infiltrate rather quickly into the underground aquifers. Only runoff from large storm events caused flooding throughout the city, and most damage consisted of crop losses with occasional disruption to roads, electrical and water services. However, over the past 75 years the amount of open space has decreased, due to the change in land use throughout the city, currently the land use is residential, commercial with a small percentage of industrial. The change in land use has magnified runoff flows from small to medium storm events causing wide spread flooding along residential and arterial streets. The City of Upland recognized the importance of drainage facilities and as such has spent over \$56 million dollars throughout the last 75 years constructing drainage facilities using standard flood control practices that convey flows away from private residences and business as quickly as possible with no emphases on water quality or conservation. The next evolution in Upland's Drainage Management is to take a holistic approach in addressing flood protection, water quality (NPDES Permit requirements), ground water recharge (decrease in imported water) and decrease silt and pollutant transportation into downstream sensitive habitat/species areas (Prado Dam) when designing and constructing drainage facilities. The city has constructed a flood control basin (Upland Basin) that has the capacity to retain two back-to-back large (Q100) storm events; however the storm drain system that captures and conveys flows to Upland Basin is approximately 60% complete and requires the construction of additional drainage systems in order to maximize the capacity of Upland Basin and provide flood protection to the west side of the city. Based on extensive storm water modeling, the City has identified the 14th Street Storm Water Collection and Integration Basin as an utmost project to capture flows from areas experiencing heavy accumulated rain runoff, which will be used for recharge, on site at the 14th St. basin and the Upland Basin. This project takes into account additional benefits, such as, ground water recharge, water quality and the decrease of pollutants and silt transportation into downstream sensitive habitat/species areas such as Santa Ana River and Prado Dam. In summary, the proposed project is critical to the City's existing drainage management and helpful in achieving the region IRWM goals. It provides flood protection, improves water quality, conserves water through ground water recharge, decreases pollutants and silts to downstream sensitive habitat/species areas, reduces the amount of property losses, and minimizes disruption of services and quite possible loss of human life due to severe storm events.

Q2. PROJECT DIRECTOR

Provide the name and details of the person responsible for executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.

Rosemary Hoerning PE,LS, Director of Public Works, Tel. No. 909-291-2931

Q3. PROJECT MANAGEMENT

Provide the name and contact information (including email) of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.

Saul Martinez, Associate Engineer City of Upland Public Works Environmental Division, Tel. No. 909-291-2941

Q4. APPLICANT INFORMATION

Provide the agency name, address, city, state and zip code of the applicant submitting the application. Also provide the name and contact information of the person filling out the online application.

City of Upland 1370 N. Benson Avenue Upland CA 91786, Saul Martinez, Associate Engineer

Q5. ADDITIONAL INFORMATION

Provide the IRWM funding area(s) in which projects are located.

<http://www.water.ca.gov/irwm/grants/fundingarea.cfm>

Santa Ana Sub-region area.

Q6. RESPONSIBLE REGIONAL WATER QUALITY CONTROL BOARD(S)

List the name of the Regional Water Quality Control Board (RWQCB) in which your proposal is located. For a region that extends beyond more than one RWQCB boundary, list the name of each Board.

http://www.waterboards.ca.gov/waterboards_map.shtml

Santa Ana Regional Water Quality Control Board 3737 Main Street, Suite 500 Riverside CA 92501

Q7. ELIGIBILITY

Is the application from an IRWM region approved in the Region Acceptance Process (RAP)? To verify, see RAP website: <http://www.water.ca.gov/irwm/grants/rap.cfm> . If yes, include the name of the IRWM region. If not, explain.

Number 29-Santa Ana Watershed Project

Q8. ELIGIBILITY

Please specify whether the applicant is a local public agency or non-profit organization as defined in Appendix B of the 2012 Guidelines.

Applicant is a local public agency

Q9. ELIGIBILITY

List the urban water suppliers that will receive funding from the proposed grant. Please provide the agency name, a contact phone number and e-mail address. Those listed must submit self certification of compliance with CWC §525 et seq. and AB 1420, see Attachment 10. If there are none, so indicate and answer "NA" for Q10 and Q11.

"NA"

Q10. ELIGIBILITY

Have all of the urban water suppliers, listed in Q9 above, submitted complete Urban Water Management Plans (UWMPs) to DWR? Have those plans been verified as complete by DWR? If not, explain and provide the anticipated date for having a complete plan.

Answer "NA" if no urban water supplier identified in Q9 above.

"NA"

Q11. ELIGIBILITY

Have any urban water suppliers listed in Q9 recently submitted AB 1420 compliance tables and supporting documentation to DWR for a different grant program on or after November 1, 2012? If so, please list the urban water supplier and the grant program. An urban water supplier must submit AB 1420 compliance documentation to DWR. If the urban water supplier has not submitted AB 1420 documentation, or that documentation was determined to be incomplete by DWR, the urban water supplier's projects will not be considered eligible for grant funding. Refer to Section III.B of the 2012 Guidelines for additional information.

Answer "NA" if no urban water supplier identified in Q9 above.

"NA"

Q12. ELIGIBILITY

Does the Proposal include any groundwater projects or other projects that directly affect groundwater levels or quality? If so, provide the name(s) of the project(s) and list the agency(ies) that will implement the project(s).

Answer "NA" if the Proposal does not include groundwater projects or other projects that directly affect groundwater levels or quality.

Yes, the project listed will increase the quantity and quality of the Chino Basin Aquifer.

Q13. ELIGIBILITY

For the agency(ies) listed in Q12, how has the agency complied with CWC §10753 regarding Groundwater Management Plans (GWMPs), as described in Section III.B of the 2012 Guidelines?

Answer "NA" if the Proposal does not include groundwater projects or other projects that directly affect groundwater levels or quality.

Yes, City of Upland has complied with CWC 10753, through the participation in the Chino Basin WaterMaster requirements of an adjudication of water rights.

Q14. ELIGIBILITY

List the agricultural water suppliers that will receive funding from the proposed grant. Please provide the agency/organization name, a contact phone number and e-mail address. If there are none, so indicate and answer "NA" for Q15.

"NA"

Q15. ELIGIBILITY

Have all of the agricultural water suppliers, listed in Q14 above, submitted complete Agricultural Water Management Plan to DWR? Have those plans been verified as complete by DWR? If the plan has not been submitted, please indicate the anticipated submittal date.

Answer "NA" if no agricultural water suppliers were identified in Q14 above.

"NA"

Q16. ELIGIBILITY

List the surface water diverters that will receive funding from the proposed grant. Please provide the agency/organization name, a contact phone number and e-mail address. If there are none, so indicate and answer "NA" for Q17 below.

"NA"

Q17. ELIGIBILITY

Have all of the surface water diverters, listed in Q16 above, submitted surface water diversion reports in compliance with requirements outlined in Part 5.1 (commencing with §5100) of Division 2 of the CWC? If not, explain and provide the anticipated date for meeting the requirements. Answer "NA" if no surface water diverters identified in Q16 above.

No surface water diverters identified in Q16 above.

Q18. ELIGIBILITY

address. If there are none, so indicate and answer "NA" to Q19.

"NA"

Q19. ELIGIBILITY

Have all of the groundwater users, listed in Q18 above, met the requirements of DWR's CASGEM Program: <http://www.water.ca.gov/groundwater/casgem/>? If not, explain and provide the anticipated date for meeting the requirements. Answer "NA" if no groundwater users were identified in Q18 above.

No groundwater users were identified in Q18.

Section : Application Attachments Tab

APPLICATION ATTACHMENTS TAB

ATTACHMENT 1: AUTHORIZATION AND ELIGIBILITY REQUIREMENTS

Upload Authorization and Eligibility documentation here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Last Uploaded Attachments: Eligible.pdf,Mitigated Neg Dec 14th Street Project.pdf,Mitigated Neg Dec 14th Street Project-2.pdf,Mitigated Neg Dec 14th Street Project-3.pdf

Upload additional Authorization and Eligibility documentation here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

ATTACHMENT 2: PROOF OF FORMAL ADOPTION

Upload Proof of Formal Adoption documentation here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Last Uploaded Attachments: Adopt.pdf

Upload additional Proof of Formal Adoption documentation here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Upload additional Proof of Formal Adoption documentation here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

ATTACHMENT 3: WORK PLAN

Upload the Work Plan here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Last Uploaded Attachments: WorkPlan.pdf

Upload additional work plan components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Upload additional work plan components here, if necessary.

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Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

ATTACHMENT 4: BUDGET

Upload the Budget documents here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Last Uploaded Attachments: Budget.pdf

Upload additional budget components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Upload additional budget components here, if necessary.

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Upload additional budget components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

ATTACHMENT 5: SCHEDULE

Upload the Schedule here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Last Uploaded Attachments: Schedule.pdf

Upload additional schedule components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

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Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

ATTACHMENT 6: MONITORING, ASSESSMENT, AND PERFORMANCE MEASURES

Upload Monitoring, Assessment, and Performance Measures here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Last Uploaded Attachments: Measures.pdf

Upload additional Monitoring, Assessment, and Performance Measures here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Upload additional Monitoring, Assessment, and Performance Measures here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

ATTACHMENT 7: TECHNICAL JUSTIFICATION OF PROJECTS

Upload Technical Justification of Projects here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Last Uploaded Attachments: TechJust.pdf,AECom Report-2.pdf,Geotechnical Report.pdf

Upload additional Technical Justification of Projects here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Upload additional Technical Justification of Projects here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

ATTACHMENT 8: BENEFITS AND COST ANALYSIS

Upload Benefits and Cost Analysis here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Last Uploaded Attachments: BenCost.pdf

Upload additional Benefits and Cost Analysis documentation here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Upload additional Benefits and Cost Analysis documentation here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

ATTACHMENT 9: PROGRAM PREFERENCES

Upload Program Preference documentation here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Last Uploaded Attachments: Preferences.pdf

Upload additional Program Preference documentation here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

ATTACHMENT 10: GWMP, AB 1420, AND WATER METER COMPLIANCE INFORMATION

If your proposal does not include 1) a groundwater project or a project that directly affects groundwater levels or quality, or 2) an urban water supplier who would receive grant funding, you **MUST** still upload a document that indicates this attachment is not applicable to your proposal. If the upload field to this attachment is left blank, your proposal cannot be saved or completed.

Upload GWMP, AB 1420, and Water Meter Compliance documents here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Last Uploaded Attachments: SelfCert.pdf
