

### Proposal Full View

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#### Applicant Information

Organization Name City of Ontario ▾ \*  
 Tax ID **956000754**  
 Proposal Name Francis Street Storm Drain and Ely Basin Flood Control and Aquifer Recharge Project \*  
 Proposal Objective The City's objectives for the project are to improve flood protection and to enhance water conservation and water quality through groundwater recharge. \*

#### Budget

Other Contribution	\$750,000.00
Local Contribution	\$8,070,000.00
Federal Contribution	\$0.00
Inkind Contribution	\$0.00
Amount Requested	\$7,820,000.00 *
Total Project Cost	\$16,640,000.00 *

#### Geographic Information

Latitude \* DD(+/-)  MM  SS   
 Longitude \* DD(+/-)  MM  SS

Longitude/Latitude Clarification

Location

South of Ontario Airport, north of Highway 60, east of Grove Avenue, and west of Archibald Avenue.

County San Bernardino \*  
 Ground Water Basin Upper Santa Ana Valley-Chino  
 Hydrologic Region South Coast  
 Watershed Santa Ana River

#### Legislative Information

Assembly District 61st Assembly District \*  
 Senate District 32nd Senate District \*  
 US Congressional District District 43 (CA) \*

#### Project Information

Project Name Francis Street Storm Drain and Ely Basin Flood

Implementing Organization	City of Ontario
Secondary Implementing Organization	NA
Proposed Start Date	8/15/2013
Proposed End Date	1/16/2015
Project Scope	Construct 8,500 Lf of RCP, 18" to 132" diameters and excavate Ely Basins to provide 310 AF additional volume.
Project Description	The proposed project includes conveyance facilities for stormwater together with basin improvements. Each is discussed as follows: Conveyance Facilities: Conveyance facilities will be constructed along Francis Street from Campus Avenue to the West Cucamonga Channel. The existing West Cucamonga Channel will convey runoff, currently lost to the region, to the Ely Basins. The system will include pipes ranging (from 18" to 132" in diameter), manholes, catch basins, and diversion structures. The alignments will only occupy public rights-of-way. The alignments do not conflict with any notable historic or major infrastructure improvements. Basin Improvements: The three Ely Basins are located on the north side of Philadelphia Street between South Walker Avenue and South Carlos Avenue. The Basins, in their current condition, consist of three separate basins approximately 1,200 feet long by 525 feet high by 30 feet deep. The basins are connected by shallow box tunnels with two 30-inch diameter low flow pipe connections with manually operated sluice gate valves. The concrete spillway structure is located in the southeast corner of the basins and directs flows back into the West Cucamonga Channel. The proposed project will further excavate the basins allowing for additional recharge capacity, capture and convey greater quantities of runoff to the basins, and will take advantage of the existing inlet and outlet facilities. With the proposed basin improvements, the basins will increase in storage volume by approximately 310 acre-feet.

Project Objective	The City's objectives for the project are to improve flood protection and to enhance water conservation and water quality through groundwater recharge.
<b>Project Benefits Information</b>	

Project Objective

**Budget**

Other Contribution	750000
Local Contribution	8070000
Federal Contribution	0
Inkind Contribution	0
Amount Requested	7820000
Total Project Cost	16640000

**Geographic Information**

Latitude DD(+/-) 34 MM 2 SS 6  
 Longitude DD(+/-) 117 MM 36 SS 47  
 Longitude/Latitude Clarification Location South of Ontario Airport, north of Highway 60, east  
 County San Bernardino Ground Water Basin Upper Santa Ana Valley-Chino Hydrologic Region South Coast WaterShed  
 Santa Ana River

**Legislative Information**

Assembly District	61st Assembly District
Senate District	32nd Senate District
US Congressional District	District 43 (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.

The proposed project includes conveyance facilities for stormwater together with basin improvements. Each is discussed in detail as follows: Conveyance Facilities: Convey facilities will be constructed along Francis Street from Campus Avenue to the West Cucamonga Channel. The existing West Cucamonga Channel will convey runoff, current to the region, to the Ely Basins. The system will include pipes ranging (from 18" to 132" in diameter), manholes, catch basins, and diversion structures. The alignments will occupy public rights-of-way. The alignments do not conflict with any notable historic or major infrastructure improvements. Basin Improvements: The three Ely Basins are located on the north side of Philadelphia Street between South Walker Avenue and South Carlos Avenue. The Basins, in their current condition, consist of three separate basins approximately 1,200 feet long by 525 feet high by 30 feet deep. The basins are connected by shallow box tunnels with two 30-inch diameter low flow pipe connections with manually operated sluice gate valves. The concrete spillway structure is located in the southeast corner of the basins and directs flows back into the West Cucamonga Channel. The proposed project will further excavate the basins allowing for additional recharge capacity, capture and convey greater quantities of runoff to the basins, and will take advantage of the existing inlet and outlet facilities. With the proposed basin improvements, the basins will increase in storage volume by approximately 310 acre-feet.

**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.

Chris Hughes, City Manager, City of Ontario, 303 East B Street, Ontario, CA 91764

**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.

Nabil Kassih, Assistant City Engineer, City of Ontario, 303 East B Street, Ontario, CA 91764; nkassih@ci.ontario.ca.us,(909)395-2117

**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.

TKE Engineering Inc., Michael Thornton, 2305 Chicago Avenue, Riverside CA 92507; mthornton@tkeengineering.com,(951) 680-0440

**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 Watershed Project Authority

**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](http://www.waterboards.ca.gov/waterboards_map.shtml)

Santa Ana Regional Water Quality Control Board

**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.

Santa Ana Watershed Project Authority

**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.

The City of Ontario 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.

City of Ontario, Nabil Kassih, 303 East B Street, Ontario, CA 91764; nkassih@ci.ontario.ca.us, (909)395-2117

**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.

Yes, the City of Ontario has submitted their 2010 Urban Water Management Plan to DWR, DWR has verified it is complete, and the City has adopted the UWMP.

**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 City is submitting the Francis Street Storm Drain and Ely Basin Flood Control and Aquifer Recharge Project, which will have a positive impact on the groundwater by enhancing recharge and reducing overdraft.

**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, the City of Ontario's Project is consistent with and included in the Chino Basin Watermaster Recharge Master Plan and Optimum Basin Management Program, the Ely B are specifically named in the document, and these documents are in compliance with CWC 10753, and included digitally on CD in Attachment 3.

**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.

NONE

#### **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.

NA

#### **Q18. ELIGIBILITY**

List the groundwater users 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" to Q19.

City of Ontario, Nabil Kassih, 303 East B Street, Ontario, CA 91764; nkassih@ci.ontario.ca.us, (909)395-2117

#### **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.

The City of Ontario has not met DWR's CASGEM Program requirements. However, the Chino Basin Watermaster, in charge of managing the entire Chino Basin, has met D' CASGEM Program requirements.

### **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: Att01\_SWF\_Eligible\_01of01.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: Att02\_SWF\_Adopt\_01of01.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: Att03\_SWF\_WorkPlan\_01of01.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.

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 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.

#### **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: Att04\_SWF\_Budget\_01of01.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.

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.

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: Att05\_SWF\_Schedule\_01of01.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.

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.

#### **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: Att06\_SWF\_Measures\_01of01.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: Att07\_SWF\_TechJust\_01of01.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: Att08\_SWF\_BenCost\_01of01.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: Att09\_SWF\_Preference\_01of01.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: Att10\_SWF\_SelfCert\_01of01.pdf

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