



State Water Resources Control Board



**Prop 1 Storm Water Grant Program (SWGP)
Round 1 Implementation Grant
Solicitation Webinar
June 16, 2016**



Webinar Outline

- Introductions
- Prop 1, Chapter 7 SWGP Overview
- Storm Water Resource Plan Overview
- How to apply
- Questionnaire and Scoring Criteria
- Questions

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**Guidelines: Proposition 1
Chapter 7 Purpose**

Contribute to improved stormwater resource management to:

- Help water infrastructure systems adapt to climate change
- Provide incentives in managing resources & setting priorities for infrastructure
- Improve regional water self-reliance

Pages 1 of Guidelines 3

**Guidelines: Proposition 1
Chapter 7, Section 79747**

Water Board adopted on December 15, 2015

www.waterboards.ca.gov/swgp - Click on Prop 1

PROPOSITION 1
STORM WATER GRANT PROGRAM
GUIDELINES

PROP 1
WATER BOND 2014

ADOPTED
DECEMBER 15, 2015

Water Boards

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Proposed Timeline

Project Milestone	Date
Board adoption of Guidelines	December 15, 2015
Round 1 Implementation Solicitation Opens	January 19, 2016
Implementation Solicitation Closes	July 8, 2016
Technical/Management Review	July-September 2016
Draft Funding List	September 14 – 30, 2016
Final Funding List	October 2016
Storm Water Resource Plans Due (estimated)	January 2017
Grant Agreements	Spring 2017

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Eligibility Requirements

Eligible Applicants

- Public Agencies
- 501(c)(3) Non-Profits
- Tribes
- Public Utilities
- Mutual Water Cos.
- GSA's

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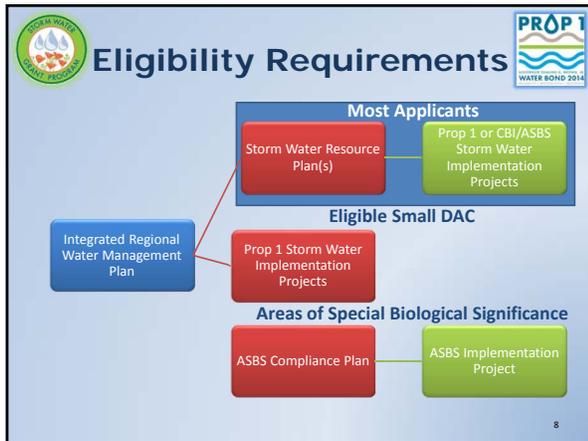


Eligibility Requirements

Eligibility Requirements

Included and implemented in an adopted IRWMP	Listed in a Storm Water Resource Plan/ASBS Compliance Plan	Be multi-benefit	Consistent with regulatory requirements and long-term benefit of 20-years
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Pages 4 and 5 of Guidelines 7



Eligibility Requirements

Most Applicants

- Storm Water Resource Plan(s) → Prop 1 or CBI/ASBS Storm Water Implementation Projects

Eligible Small DAC

- Prop 1 Storm Water Implementation Projects

Areas of Special Biological Significance

- ASBS Compliance Plan → ASBS Implementation Project

Integrated Regional Water Management Plan

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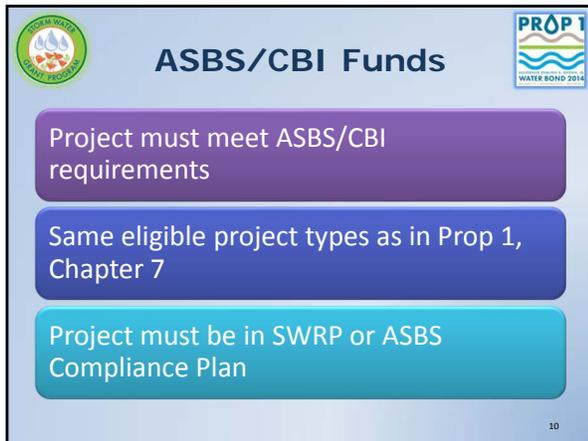
Eligibility Requirements

Eligible Implementation Project Types

Must be multi-benefit

Green Infrastructure <ul style="list-style-type: none"> Green Streets Permeable Surfaces Vegetative Swales Rain Gardens Rooftop Capture 	Rainwater and Stormwater Capture <ul style="list-style-type: none"> Infiltration Basins Constructed Wetlands Green Infrastructure Cisterns Dry Wells 	Stormwater Treatment Facilities <ul style="list-style-type: none"> Spreading Grounds Bioretention Facilities Trash Reduction Green Infrastructure 	Demonstration or Pilot Projects	Urban and Rural Projects
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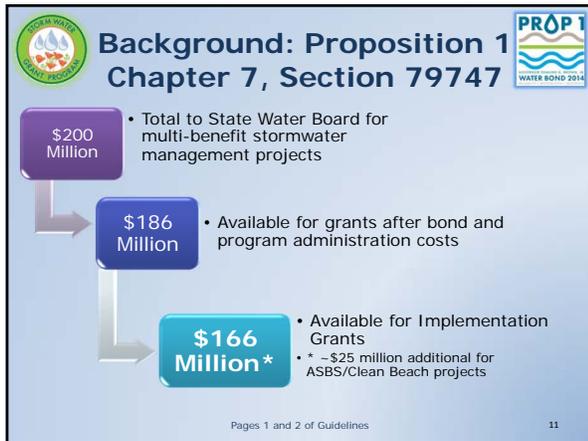
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ASBS/CBI Funds

- Project must meet ASBS/CBI requirements
- Same eligible project types as in Prop 1, Chapter 7
- Project must be in SWRP or ASBS Compliance Plan

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Background: Proposition 1 Chapter 7, Section 79747

- \$200 Million • Total to State Water Board for multi-benefit stormwater management projects
- \$186 Million • Available for grants after bond and program administration costs
- \$166 Million* • Available for Implementation Grants
 - * - \$25 million additional for ASBS/Clean Beach projects

Pages 1 and 2 of Guidelines 11



Implementation Grant Funding

- ~\$191 Million
 - \$166 million from Prop 1
 - \$80m for Round 1
 - \$86m for Round 2
 - ~\$25 million from ASBS/CBI (Round 1 Only)

Pages 2 and 4 of Guidelines 12



Match Requirements

- Project expenses incurred after November 4, 2014 and prior to project completion date are eligible
- Federally sponsored loans and grants eligible (e.g. SRF Loans)
- May use CCC or certified Community Conservation Corp if not state funded
- Other State funds, including other grants, not eligible
- Any funds collected by a State Agency (student fees, service charges) not specified for SW become state funds—and are ineligible for match

Pages 5 and 6 of Guidelines 13



Match Requirement

NON-DACs/EDAs	DACs/EDAs	Representing DAC/EDAs
<ul style="list-style-type: none"> 50% Match 	<ul style="list-style-type: none"> Small & Severely DAC = 5% Match DAC/EDA = 10% Match 	<ul style="list-style-type: none"> 100% Construction in and benefits DAC/EDA = 20% Match >75% Construction in and benefits DAC/EDA = 25% Match >50% Construction in and benefits DAC/EDA = 30% Match

Pages 6 and 15 of Guidelines 14



Match Eligibility
<https://gis.water.ca.gov/app/dacs>

The slide shows a screenshot of the Disadvantaged Communities Mapping Tool interface, including a map of a region and various data layers.



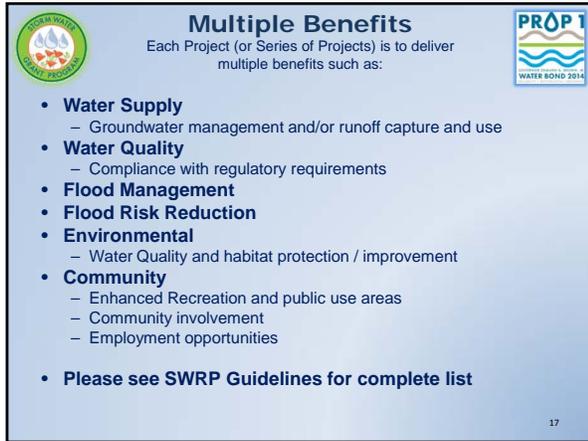
Match Eligibility

Project Census Block

LID Site 70% in Severe DAC, 30% in DAC

PROP 1 WATER BOND 2014

This slide features a satellite map of a city block with a yellow rectangle highlighting a specific area labeled 'Project Census Block'. A green vertical bar within this area is labeled 'LID Site 70% in Severe DAC, 30% in DAC'. The slide includes logos for the Storm Water Quality Program and Prop 1 Water Bond 2014.



Multiple Benefits

Each Project (or Series of Projects) is to deliver multiple benefits such as:

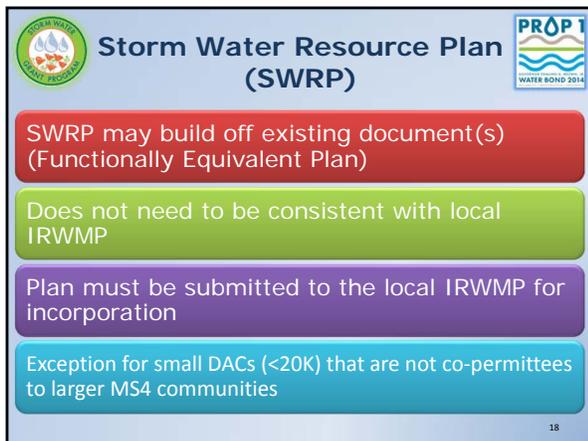
- **Water Supply**
 - Groundwater management and/or runoff capture and use
- **Water Quality**
 - Compliance with regulatory requirements
- **Flood Management**
- **Flood Risk Reduction**
- **Environmental**
 - Water Quality and habitat protection / improvement
- **Community**
 - Enhanced Recreation and public use areas
 - Community involvement
 - Employment opportunities

• Please see SWRP Guidelines for complete list

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PROP 1 WATER BOND 2014

This slide lists various benefits of LID projects. It includes logos for the Storm Water Quality Program and Prop 1 Water Bond 2014.



Storm Water Resource Plan (SWRP)

SWRP may build off existing document(s) (Functionally Equivalent Plan)

Does not need to be consistent with local IRWMP

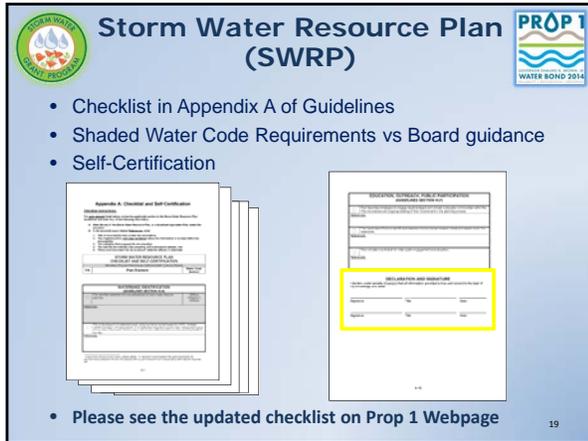
Plan must be submitted to the local IRWMP for incorporation

Exception for small DACs (<20K) that are not co-permittees to larger MS4 communities

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PROP 1 WATER BOND 2014

This slide provides key information about the Storm Water Resource Plan (SWRP). It includes logos for the Storm Water Quality Program and Prop 1 Water Bond 2014.



Storm Water Resource Plan (SWRP)

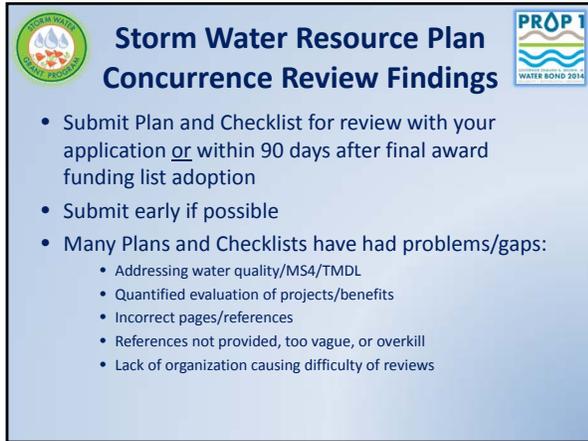
- Checklist in Appendix A of Guidelines
- Shaded Water Code Requirements vs Board guidance
- Self-Certification

Appendix A: Checklist and Self-Certification

Appendix B: Self-Certification

- Please see the updated checklist on Prop 1 Webpage

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Storm Water Resource Plan Concurrence Review Findings

- Submit Plan and Checklist for review with your application or within 90 days after final award funding list adoption
- Submit early if possible
- Many Plans and Checklists have had problems/gaps:
 - Addressing water quality/MS4/TMDL
 - Quantified evaluation of projects/benefits
 - Incorrect pages/references
 - References not provided, too vague, or overkill
 - Lack of organization causing difficulty of reviews



How to Apply

Applications accepted through FAAST

- <https://faast.waterboards.ca.gov/>

Solicitation closes in FAAST at 4PM on July 8, 2016

FAAST tutorials available online:

- <https://www.waterboards.ca.gov/videos/faast.shtml>

If your community has a hardship, technical assistance providers may be available to assist

Pages 8 and 9 of Guidelines 21



Application Process



Application questions and scoring criteria are provided in Appendix C of the Guidelines

Four required sections for grant proposals:

- Program Selection & General FFAST Information
- Background Information
- Proposal Questions
- Attachments

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Application Process Program Selection and General FFAST Info.



Questions A. 1 through A. 7 in Appendix C in Guidelines

- Title
- Project description
- Applicant details (project director, grant contact)
- Grant funds requested, matching funds, and total project cost (should match budget table)
 - Minimum grant: \$250,000/Maximum grant: \$10,000,000
- Location (latitude/longitude)
- Legislative districts
- Other

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Application Process



Questions C. 1: Eligibility Requirements – Background Info.

- Organization type
- Project in a Storm Water Resource Plan or other
- Urban Water Supplier, Agricultural Water Supplier, or local groundwater user
- Project consistent with Basin Plan
- Eligible project type
- Match %
- Multi-benefit project
- In a contract with State Water Board that was terminated?

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Application Questions



Workplan (35 points total)	Scoring Question #	Max. Points Possible
Storm Water Resource Plan or Equivalent	11	15
Goals & Objectives		
Purpose & Need		
Site Investigation		
Sustainability		
Regional & Project Maps		
Impaired Waters		
Project Timing & Phasing		

Pages 35, 36, and 42 of Guidelines 25



Application Questions



Workplan (continued)	Scoring Question #	Max. Points Possible
Detailed tasks ←	12	15
Coordination with entities, agencies, &/or NGOs		
Approach & practices		
Scientific & technical support		
Permits, CEQA, agreements		
Status of design plans & specifications		
Data collection & monitoring		
Education & outreach		
Experience & knowledge (resumes of team)	13	5

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Example:

Projectsburg LID Project:

Storm Water Capture, Treatment, and Infiltration

Goals: 100% Capture & Treatment, 85% Infiltration

- Rain Garden / Biofiltration
- Infiltration Trenches
- Permeable Surfaces
 - Permeable asphalt
 - Permeable Interlocking Concrete Pavers (PICP)



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Prop 84 STORM WATER GRANT PROGRAM - BUDGET DETAIL									
Applicant: City of Projectburg									
Project: LID Demonstration Trail Project									
FAAST PIN:									
Budget Category	Percent of Cost	Discipline/Consultant/Description	Rate	# of Hours	Total Labor	UNIT Cost	# of Units	# of Total Units	TOTALS
I. Street Project Administration Costs 0.4%									
Task 1.1 City Project Management									
		Project Director	\$70	80	\$1,120				\$1,120
		Administrative Staff	\$15	90	\$1,350				\$1,350
Task 1.2 Internal Accounting and Book Keeping									
		Project Director	\$70	20	\$1,400				\$1,400
		Administrative Staff	\$15	100	\$1,500				\$1,500
Task 1.3 Reprintgraphics & Delivery									
		Reprintgraphics Vendor			\$1,000.00	allow	1	1	\$1,000 \$1,000
II. Planning/Design/Engineering/Environmental 6.3%									
Task 2.1 OC/CDD Permitting (Non-Grant-eligible)									
Task 2.2 Final Plans, Specifications, Estimates									
		Consultant Project Manager	\$128	Hours	130	\$17,760			\$17,760
		Consultant Engineer	\$110	Hours	500	\$55,000			\$55,000
		Consultant Engineer II	\$140	Hours	250	\$35,000			\$35,000
Task 2.3 Other Related P&E (non-grant-eligible)									
Task 2.4 Bid/award construction contracts									
		Reprintgraphics Vendor			\$1,000	allow	1	1	\$1,000 \$1,000
Task 2.5 Fee NCI per CDP									
		Fee			\$50	Lump Sum	1	\$50	\$50
III. Construction/Implementation 95.4%									
Task 3.1 Construction Activities (grant-eligible)									
		Construction Contractor	\$111,777	Lump Sum	1	\$111,777			\$111,777
		Construction Contractor	\$111,777	Lump Sum	1	\$111,777			\$111,777
		Construction Contractor	\$9	sf	\$810	\$26,800			\$26,800
		Construction Contractor	\$400	ea	2	\$1,600			\$1,600
		Construction Contractor	\$9	cy	608	\$12,160			\$12,160
		Construction Contractor	\$15	sf	1250	\$18,750			\$18,750
		Construction Contractor	\$17	cy	806	\$13,682			\$13,682
		Construction Contractor	\$9	cy	608	\$12,160			\$12,160
		Construction Contractor	\$5.23	sf	180000	\$42,260			\$42,260
		Construction Contractor	\$41	sf	9000	\$375,000			\$375,000
		Construction Contractor	\$23	sf	9300	\$213,900			\$213,900
		Construction Contractor	\$40	sf	310	\$12,400			\$12,400
		Construction Contractor	\$110	sf	240	\$26,400			\$26,400
		Construction Contractor	\$7,800	ea	4	\$31,200			\$31,200
		Construction Contractor	\$8,500	ea	0	\$0			\$0
		Construction Contractor	\$1,000	ea	11	\$11,000			\$11,000
		Construction Contractor	\$1,500	ea	4	\$6,000			\$6,000
		Construction Contractor	\$800	ea	4	\$3,200			\$3,200
		Construction Contractor	\$3.50	sf	33700	\$117,950			\$117,950
		Construction Contractor	\$17,000	sf	13773	\$117,134			\$117,134
		Construction Contractor	\$2.50	sf	33700	\$84,250			\$84,250
		Construction Contractor	\$31	cy	745	\$23,245			\$23,245
		Construction Contractor	\$70	cy	610	\$42,700			\$42,700
		Construction Contractor	\$2	ea		\$2			\$2
		Construction Contractor	\$0.67	sf	13119	\$14,483			\$14,483
		Construction Contractor	\$7,000	ea	2	\$14,000			\$14,000
		Construction Contractor	\$5	sf	3842	\$19,210			\$19,210
		Construction Contractor	\$250	ea	12	\$3,000			\$3,000
		Construction Contractor	\$120	ea	81	\$9,720			\$9,720
		Construction Contractor	\$13	ea	4447	\$57,811			\$57,811
		Construction Contractor	\$5.50	sf	8000	\$44,000			\$44,000
		Construction Contractor	\$8	sf	24	\$192			\$192
		Construction Contractor	\$1,000	Lump Sum	8	\$8,000			\$8,000

Pages 5 and 6 of Guidelines

Prop 84 STORM WATER GRANT PROGRAM - BUDGET DETAIL									
Applicant: City of Projectburg									
Project: LID Demonstration Trail Project									
FAAST PIN:									
Budget Category	Percent of Cost	Discipline/Consultant/Description	Rate	# of Hours	Total Labor	UNIT Cost	# of Units	# of Total Units	TOTALS
III. Construction/Implementation 95.4%									
Task 3.1 Construction Activities (grant-eligible)									
		Construction Contractor	\$111,777	Lump Sum	1	\$111,777			\$111,777
		Construction Contractor	\$111,777	Lump Sum	1	\$111,777			\$111,777
		Construction Contractor	\$9	sf	\$810	\$26,800			\$26,800
		Construction Contractor	\$400	ea	2	\$1,600			\$1,600
		Construction Contractor	\$9	cy	608	\$12,160			\$12,160
		Construction Contractor	\$15	sf	1250	\$18,750			\$18,750
		Construction Contractor	\$17	cy	806	\$13,682			\$13,682
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		Construction Contractor	\$5.23	sf	180000	\$42,260			\$42,260
		Construction Contractor	\$41	sf	9000	\$375,000			\$375,000
		Construction Contractor	\$23	sf	9300	\$213,900			\$213,900
		Construction Contractor	\$40	sf	310	\$12,400			\$12,400
		Construction Contractor	\$110	sf	240	\$26,400			\$26,400
		Construction Contractor	\$7,800	ea	4	\$31,200			\$31,200
		Construction Contractor	\$8,500	ea	0	\$0			\$0
		Construction Contractor	\$1,000	ea	11	\$11,000			\$11,000
		Construction Contractor	\$1,500	ea	4	\$6,000			\$6,000
		Construction Contractor	\$800	ea	4	\$3,200			\$3,200
		Construction Contractor	\$3.50	sf	33700	\$117,950			\$117,950
		Construction Contractor	\$17,000	sf	13773	\$117,134			\$117,134
		Construction Contractor	\$2.50	sf	33700	\$84,250			\$84,250
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		Construction Contractor	\$2	ea		\$2			\$2
		Construction Contractor	\$0.67	sf	13119	\$14,483			\$14,483
		Construction Contractor	\$7,000	ea	2	\$14,000			\$14,000
		Construction Contractor	\$5	sf	3842	\$19,210			\$19,210
		Construction Contractor	\$250	ea	12	\$3,000			\$3,000
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		Construction Contractor	\$5.50	sf	8000	\$44,000			\$44,000
		Construction Contractor	\$8	sf	24	\$192			\$192
		Construction Contractor	\$1,000	Lump Sum	8	\$8,000			\$8,000



Annual Quantifiable Benefits Handout



Annual Quantifiable Benefits Summary Table

(1) Project Name: Projectburg LID Demonstration Trail

(2) Anticipated Project Useful Life/years: 25

Benefit	Quantifiable Benefits		
	Primary (Must be Quantifiable)	Secondary	2 nd Secondary (Optional)
(3) Type of Benefit Claimed:			
(4) Units of the Claimed Benefit:			
(5) Average Annual Benefit Quantity:			
Comments:			

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PAEP Table Handout



Table 1. Pollutant Load Reduction

Project Goals (What are you measuring?)	Measurement Tools and Methods (How are you measuring it?)	Targets
Reduction in pollutant concentrations discharging from the site	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	Removal of XX lbs of XXX , XX lbs of XXX , and XX lbs of XXX from the stormwater runoff from the site.
Reduction in stormwater runoff from the site	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	XX gallons of stormwater runoff captured and/or treated.

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PAEP Table Handout



Table 2. Water Conservation, Supply Reliability, Enhancement, and Recycling

Project Goals (What are you measuring?)	Measurement Tools and Methods (How are you measuring it?)	Targets
Reduction in dry weather runoff from over-irrigation within the project area and surrounding community	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	Zero complaints of dry weather runoff from over-irrigation within the project area and surrounding community
Reduction in water use within the project area and surrounding community	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	XXX AFY reduction in water use in the project area and surrounding community
Increase in surface water capture for reuse onsite or in surrounding community	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	XXX AFY reduction in water use due to surface water capture and reuse
Increase in surface water runoff capture and infiltration into groundwater basin	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	XX gallons per year of surface water runoff infiltrated into the groundwater basin(s)

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PAEP Table Handout



Table 3. Education, Outreach, and Capacity Building
(education must be directly related to the project construction/implementation)

Project Goals (What are you measuring?)	Measurement Tools and Methods (How are you measuring it?)	Targets
Increase in public understanding of the benefits of LID BMPs	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	#/#% or higher return on questionnaires sent to the public living within the project site or surrounding community
Increase in participation in the volunteer program	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	A minimum increase of XX volunteers per year/event
Increase in attendance to public meeting	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	A minimum increase of XX in attendance to public meetings
Increase in public actively implementing LID BMPs on their personal property	Tools: What will you use as a ruler to measure the target? Method: How will the Measurement Tools be used to measure the target?	A minimum increase of XX of landowners per year installing LID BMP(s) on their property

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Application Questions



Multiple Benefits (25 points possible)	Scoring Question #	Max. Points Possible
Main Benefit <ul style="list-style-type: none"> Must be quantifiable Must meet requirements of Prop 1, Chp 7 Must provide volume of storm water treated, infiltrated, and/or reused 	19	25
Secondary Benefit(s) <ul style="list-style-type: none"> 1 or 2 secondary benefits allowed Does not need to be quantifiable 		

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Application Questions



DAC/EDA Benefits (10 points possible)	Scoring Question #	Max. Points Possible
Applicant is a DAC or EDA (10 points)	20	10
100% of the grant funds benefit a DAC or EDA (5 points)		
Some portion of the grant funds benefit a DAC or EDA (3 points)		
None of the above (0 points)		

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Attachments



Attachment 1 SWRP/ASBS Compliance Plan

Attachment 2 Workplan

Attachment 3 Resumes

Attachment 4 Budget

Attachment 5 Schedule

Attachment 6 Env. Clearance and CEQA

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Attachments



- Attachment 7 Performance Measures
- Attachment 8 Benefit Quantities & Cost Benefit
- Attachment 9 Technical Report Summary
- Attachment 10 Request for Reduced Match
- Attachment 11 DAC/EDA Benefits
- Attachment 12 Letters of Support

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Tips for Applying



- Do NOT assume
- Do NOT provide links
- Awarded apps in FFAST
- Organization is KEY
- Use templates
- Say more with less

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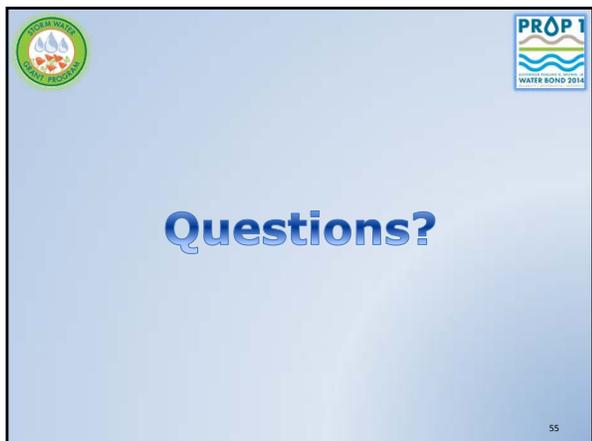


Tips for Applying



- Stick to page limits
- Use headings in templates
- N/A and blank = 0 points
- Do NOT reference other applications
- Take note of what we discuss today
- Be sure to review a draft agreement prior to applying

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Annual Quantifiable Benefits Summary Table			
(1) Project Name: Projectsburg LID Demonstration Trail			
(2) Anticipated Project Useful Life(years): 25			
	Quantifiable Benefits		
Benefit	Primary (Must be Quantifiable)	Secondary	2 nd Secondary (Optional)
(3) Type of Benefit Claimed:	100% Storm water treated	85% Storm water infiltrated	
(4) Units of the Claimed Benefit:	AFY	AFY	
(5) Average Annual Benefit Quantity :	6.2 AFY ¹	5.3 AFY ²	
<u>Comments:</u>			
5.4 acre contributing area, 100% treated, 85% captured for infiltration Average annual precipitation = 14 inches = 1.16 ft 1. 1.6 ft./yr. x 5.4 acres = 6.264AFY 2. 6.2AFY x 85% = 5.324			

Task 3.3 Construction Inspection		Inspector	\$60	200	\$12,000					\$12,000
Task 3.4 File NOT per CGP		Fees			\$0	\$1,100	Lump Sum	1	\$1,100	\$1,100
Task 3.5 Post-construction maintenance (non-grant-eligible)										\$0
4. Monitoring/Performance	1.3%									\$24,240
Task 4.1 QAPP and Monitoring Plan		Project Director	\$70	30	\$2,100					\$2,100
		Analysis Consultant				\$3,000	allow	1	\$3,000	\$3,000
Task 4.2 Pre-Construction Monitoring Activities		Assistant Engineer	\$40	13	\$520					\$520
		Consulting Engineer				\$1,200	events	3	\$3,600	\$3,600
		Laboratory Analysis				\$200	events	13	\$2,600	\$2,600
Task 4.3 Post-Construction Monitoring		Assistant Engineer	\$40	13	\$520					\$520
		Consulting Engineer				\$1,200	events	3	\$3,600	\$3,600
		Laboratory Analysis				\$200	events	13	\$2,600	\$2,600
Task 4.4 Compile Monitoring Data		Project Director	\$70	40	\$2,800	\$1,500	Lump Sum	1	\$1,500	\$4,300
Task 4.5 Final Report submittal		Project Director	\$70	20	\$1,400					\$1,400
5. Education/Outreach	0.7%									\$13,880
Task 5.1 Interpretive Signage Design		Signage Consultant				\$10,000	Lump Sum	1	\$10,000	\$10,000
Task 5.2 Secure and Award Contract for Signage Fabrication		Project Director	\$70	4	\$280					\$280
Task 5.3 Construct Interpretive Signage		Signage Contractor				\$1,200	ea	3	\$3,600	\$3,600
Grand Total:	100%									\$1,915,348

Note: CHECK YOUR NUMBERS! Do NOT assume this Excel spreadsheet is correct. Please refer to the READ ME tab.

Does the Budget Summary Total match the Budget Details Total?

YES

ATTACHMENT 5:

PROJECT SCHEDULE AND MILESTONES- LID Demonstration Trail Project

Projectsburg, CA

PRE-GRANT ACTIVITY

 GRANT PERIOD ACTIVITY
 * MILESTONES

Task, start & end dates	Calendar Year:	2012				2013				2014				2015				2016			
		Calendar Quarter:				1st	2nd	3rd	4th												
Task 1: Project Administration																					
1.1 Project Management, 01/01/12 - 04/01/16																					
1.2 Records, accounting, and reporting, 02/28/13-04/01/16																					
1.3 Reprographics and delivery services, 02/28/13-04/01/16																					
Task 2: Design/Engineering																					
Development of financing (pre-grant activity)																					
CEQA completed 11/30/2011 (pre-grant activity)																					
2.1 Flood Control District agreement/permit, 06/30/12-13/31/13																					
2.2 Design of LID and associated improvements, 06/30/12-02/28/14																					
2.3 Design of other non-eligible related elements, 06/30/12-02/28/14																					
2.4 Bidding and award of construction contract, 02/2/14-04/30/14																					
2.5 File NOI for Statewide Permit, 02/28/14-04/30/14																					
Task 3: Construction/Implementation																					
3.1 Construct grant-eligible LID elements 04/30/14 - 12/31/14																					
3.2 Construct non-grant-eligible related elements 04/30/14 - 10/30/14																					
3.3 Construction inspection, 4/30/14-12/31/14																					
3.4 File NOT for Statewide Permit, 12/15/14-13/31/14																					
3.5 Post-construction maintenance, 01/01/15-11/30/15																					
Task 4: Monitoring/Performance																					
4.1 QAPP/Monitoring/Assessment Plan, 02/28/13-07/31/13																					
4.1 Pre-construction monitoring, 8/01/13 - 04/30/14																					
4.2 Post-construction monitoring, 10/30/14 - 08/30/15																					
4.3 Draft Final Report, 7/30/15 - 11/30/15																					
4.5 Final Report, 11/30/15 - 02/01/16																					
Task 5: Education/Outreach																					
5.1 Interpretive signage design, 05/31/13 - 9/30/15																					
5.2 Bid and award signage fabrication contract, 10/01/15 - 12/01/15																					
5.3 Install interpretive signage, 10/01/15-12/01/05																					

PROJECT NAME: Projectsburg LID Demonstration Trail
APPLICANT NAME: City of Projectsburg
PIN: 10101
DATE: 16-Jun-16

1. Please list each type of BMP that will be constructed as part of your project with the information requested below. If your BMP is not included, please add appropriately. The basis for the estimated design volume must be documented in Attachment 8.

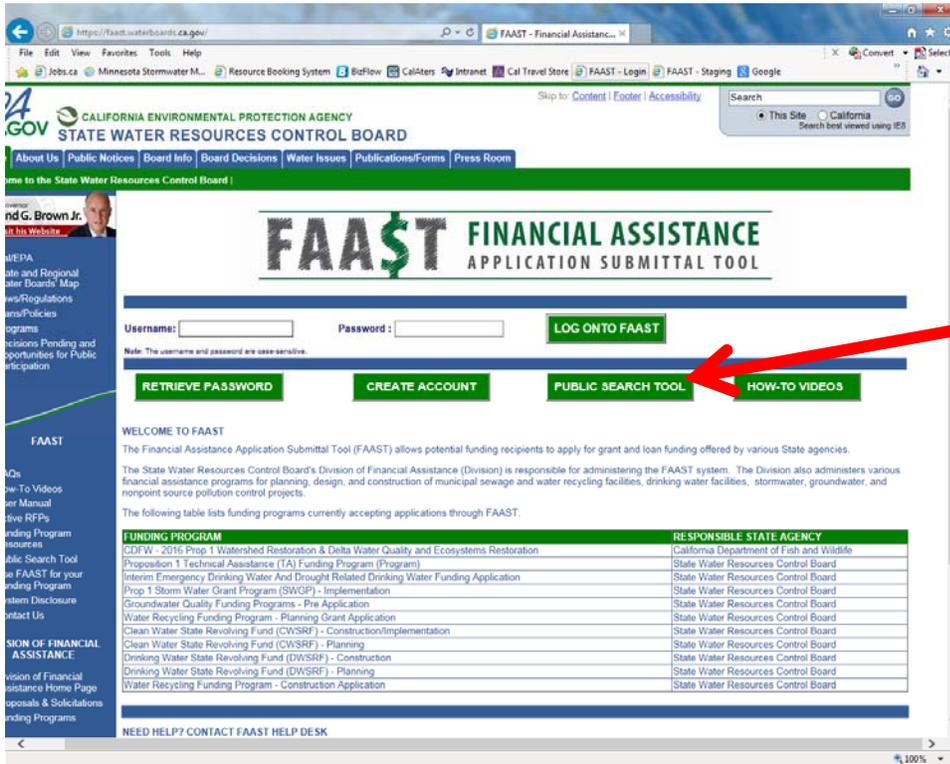
	A	B	C	D	E
Type of BMP/Project Element	Total Design Volume Captured and Used (Acre-feet per year (AFY))	Total Design Volume Treated (AFY)	Total Design Volume Infiltrated (AFY)	Estimated Useful Life of BMP (Years)	Total Volume X Useful Life (Acre-feet(AF)) (A+B+C)xD=E
Bioretention	2.6	2.6	2.2	25	185.00
Rain Garden					0.00
Infiltration Basins/Trenches	2.6	2.6	2.2	25	185.00
Infiltration Galleries					0.00
Dry Wells					0.00
Capture and Use (Cisterns, etc)					0.00
Permeable Surfaces	1.0	1.0	0.9	25	72.50
Bioswale					0.00
Other (Please Specify)					0.00
					0.00
				TOTAL	442.5

Cost per BMP/Project Element. Please list the construction costs only for each project component listed above. For costs associated with construction (i.e. mobilization/demobilization, clearing and grubbing, traffic control, materials testing, construction supplies/materials, compaction testing, etc.), please split

2. between the various project components you are constructing. * Do not include costs for surveying/staking, design, planning, engineering, SWPPS, preliminary geotechnical investigations/data, construction fencing/security, construction management, inspection, reporting, permitting, CEQA, etc... Only include those items directly related to construction as indicated in the project budget.

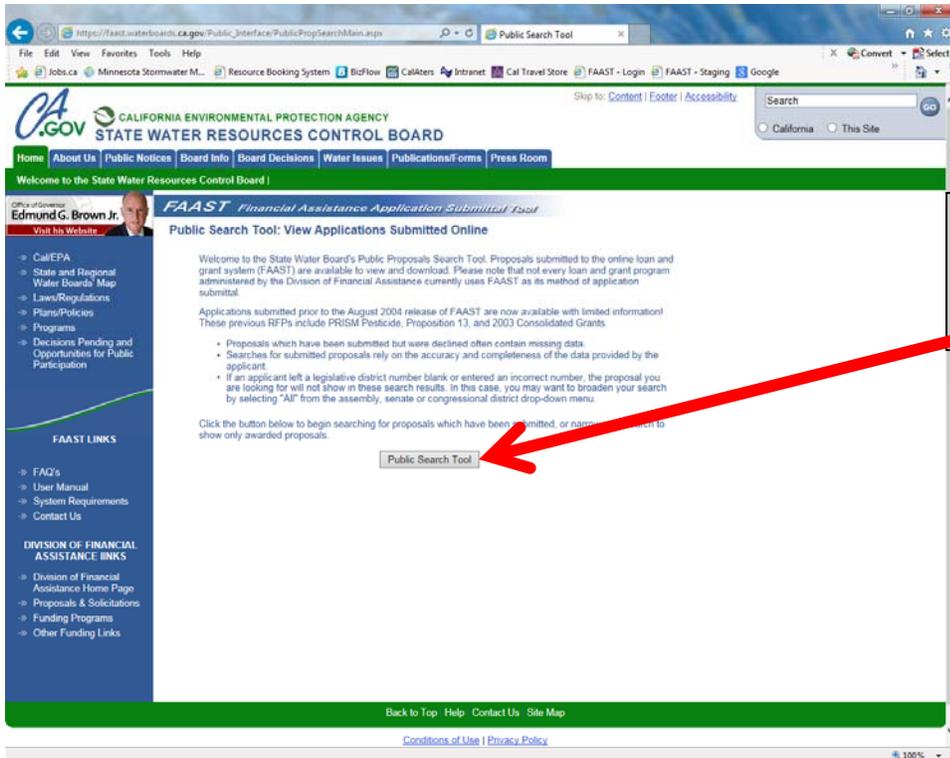
			F	G
Type of LID BMP	Capital Cost of BMP (\$)	Annual O&M Cost of BMP (\$)	(1) Net Present Value of BMP (\$) F	Net Present Value (\$) / Total Volume (AF) (F/E=G)
Bioretention	\$ 512,859.00	\$ 12,000.00	\$ 700,323.00	\$ 3,785.53
Rain Garden			\$ -	#DIV/0!
Infiltration Basins/Trenches	\$ 510,468.00	\$ 12,000.00	\$ 697,932.00	\$ 3,772.61
Infiltration Galleries			\$ -	#DIV/0!
Dry Wells			\$ -	#DIV/0!
Capture and Use (Cisterns, etc)			\$ -	#DIV/0!
Permeable Surfaces	\$ 726,651.00	\$ 8,000.00	\$ 851,627.00	\$ 11,746.58
Bioswale			\$ -	#DIV/0!
Other (Please Specify)			\$ -	#DIV/0!
			\$ -	#DIV/0!
TOTAL	\$ 1,749,978.00	\$ 32,000.00	\$ 2,249,882.00	

(1) Net Present Value BMP = Net Present Value of Annual O&M Cost of BMP + Capital Cost of BMP (\$)

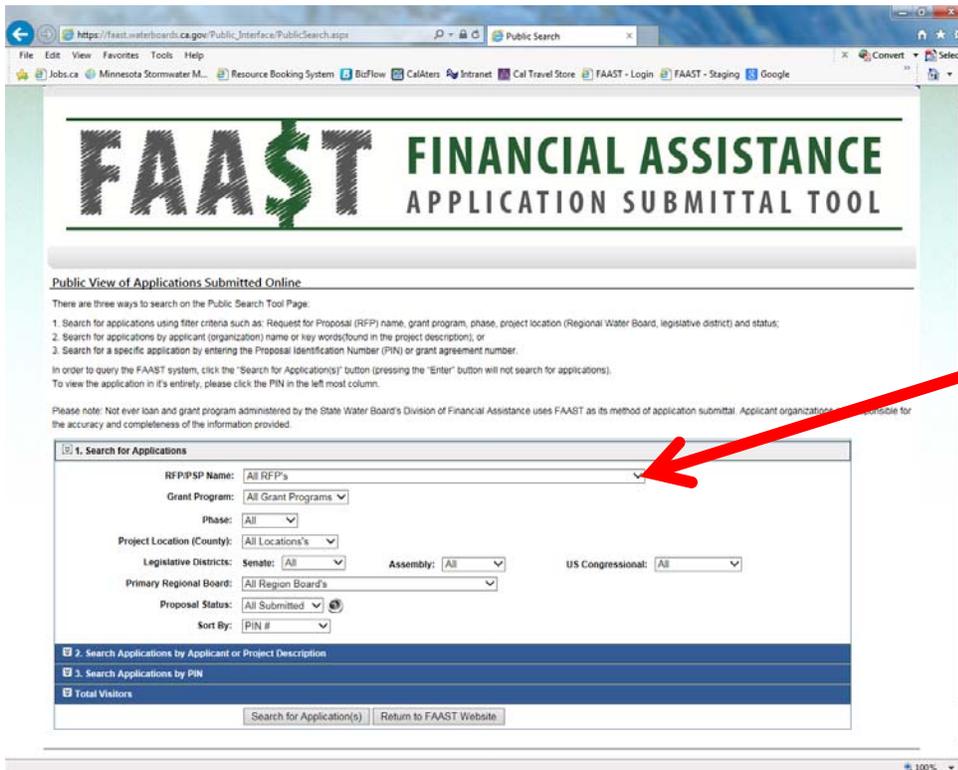


www.faast.waterboards.ca.gov

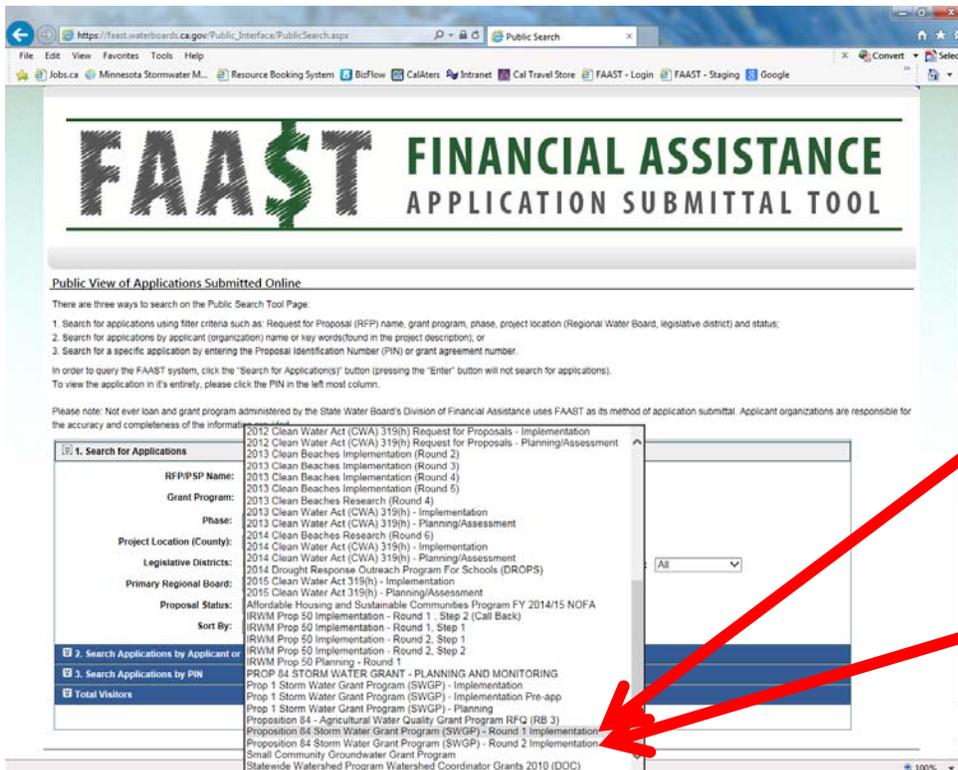
Click on
PUBLIC SEARCH TOOL



Again, click on
PUBLIC SEARCH TOOL



Use down arrows to choose the RFP you want to search.



Choose either:

“Proposition 84 Storm Water Grant Program (SWGP) – Round 1 Implementation”

Or

“Proposition 84 Storm Water Grant Program (SWGP) – Round 2 Implementation”

FAAST FINANCIAL ASSISTANCE APPLICATION SUBMITTAL TOOL

Public View of Applications Submitted Online

There are three ways to search on the Public Search Tool Page:

1. Search for applications using filter criteria such as: Request for Proposal (RFP) name, grant program, phase, project location (Regional Water Board, legislative district) and status;
2. Search for applications by applicant (organization) name or key words(found in the project description); or
3. Search for a specific application by entering the Proposal Identification Number (PIN) or grant agreement number.

In order to query the FAAST system, click the "Search for Application(s)" button (pressing the "Enter" button will not search for applications). To view the application in it's entirety, please click the PIN in the left most column.

Please note: Not every loan and grant program administered by the State Water Board's Division of Financial Assistance uses FAAST as its method of application submittal. Applicant organizations are responsible for the accuracy and completeness of the information provided.

1. Search for Applications

RFP/ISP Name: [Proposition 84 Storm Water Grant Program (SWGPs) - Round 2 Implementation]

Grant Program: [Proposition 84 Storm Water Grant Program (SWGPs) - Round 2 Implementation]

Phase: [All]

Project Location (County): [All Locations's]

Legislative Districts: Senate: [All] Assembly: [All] US Congressional: [All]

Primary Regional Board: [All Region Board's]

Proposal Status: [Awarded Only]

Sort By: [PIN #]

2. Search Applications by Applicant or Project Description

3. Search Applications by PIN

Total Visitors

Search for Application(s) Return to FAAST Website

Pin #	Agreement No	Proposal Title	Applicant	County	WaterShed	RWQCB	Req Funds
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Use dropdown to choose "Grant Program"

Use dropdown to choose "Awarded Only"

Leave all others alone so that you will see all awarded projects.

Search for Applications by PIN

Total Visitors

Search for Application(s) Return to FAAST Website

Pin #	Agreement No	Proposal Title	Applicant	County	WaterShed	RWQCB	Req Funds
22067	14-432-550	H Street - Green Street Improvements - PHASE2	City of Union City	Alameda	Alameda Creek Watershed	2	\$3,000,000
20015	14-431-550	Brighton Avenue Pilot Green Street Project - PHASE2	City of Albany	Alameda	Cerrito Creek	2	\$296,000
25079	14-445-550	City of Chico Storm Water Management Program - PHASE2	City of Chico	Butte	Big Chico and Sacramento River	5R	\$717,200
25025	14-452-550	BART Lafayette Station Parking Lots Improvement Project - PHASE2	Bay Area Rapid Transit District	Contra Costa	Wisnut Creek	2	\$2,245,259
25074	14-447-550	Sierra Tract Erosion Control Project, Phase 3 & 4 - PHASE2	City of South Lake Tahoe	El Dorado	Upper Truckee	6B	\$2,811,164
25205	14-454-550	The HACOLA Nueva Maravilla Stormwater BMP Pilot Project - PHASE2	Housing Authority of the County of Los Angeles	Los Angeles	Los Angeles River	4	\$2,550,000
25952	14-441-550	Avalon Green Alley North: LID Demonstration Project Phase II - PHASE2	City of Los Angeles Sanitation	Los Angeles	Los Angeles River Watershed	4	\$1,153,446
20001	14-455-550	Manhram MS - Implementation of Low Impact Development - PHASE2	Los Angeles Unified School District	Los Angeles	Los Angeles - 18070105	4	\$999,689
20094	14-443-550	Multi-Agency, Multi-Watershed Project to Incorporate LID BMPs into Major Transportation Corridors - PHASE2	Gateway Water Management Authority	Los Angeles	Los Angeles River	4	\$1,073,820
20123	14-440-550	Permeable Pavement and Bioretention Pilot Project, LACMTA Division 4 Maintenance Facility - PHASE2	Los Angeles County Metropolitan Transportation Authority	Los Angeles	Los Angeles River	4	\$71,000
20109	14-453-550	SADIPW Stormwater LID Demonstration - PHASE2	Town of San Anselmo	Marin	Corte Madera Creek	2	\$546,517
25072	14-437-550	GOT LID? City of Gonzales Old Town LID Project - PHASE2	City of Gonzales	Monterey	Sainias	9	\$460,180
25097	14-449-550	Morrison Park LID Improvements - PHASE2	City of Santa Ana	Orange	Santa Ana River	8	\$268,898
20072	14-448-550	Lower Chignamin and Outfall Water Quality Improvement Project - PHASE2	Placer County	Placer	Lake Tahoe basin	6B	\$1,715,532
20098	13-519-550	Nuview USD Stormwater Infiltration Project - PHASE2	Nuview Union School District	Riverside	San Jacinto	8	\$648,294
20028	14-446-550	Implementation of City of Sacramento Low Impact Development (LID) Standards at California State University, Sacramento - PHASE2	City of Sacramento	Sacramento	Sacramento River Watershed (Lo	5B	\$2,760,020
20029	14-451-550	University Avenue Median Water Quality Improvements - PHASE2	La Mesa, City of	San Diego	908 22 Chollas	9	\$2,300,000
20019	14-450-550	Kimball Park LID and Paradise Creek Restoration - PHASE2	City of National City	San Diego	908.32	9	\$1,876,163
20056	14-439-550	12th Street Green Street Project - PHASE2	City of Paso Robles	Santa Barbara	Levi's Obispo	3	\$1,150,000
25038	14-434-550	City of Santa Maria Blosser Bioretention Project - PHASE2	City of Santa Maria	Santa Barbara	Santa Maria	3	\$1,954,150
20000	14-436-550	City of Santa Barbara LID - Streets, Sidewalks, and Alleys Project - PHASE2	City of Santa Barbara	Santa Barbara	Mission and Laguna Creeks	3	\$2,307,010
20024	14-425-550	Laguna Lot Infiltration Paver Project - PHASE2	City of Santa Barbara	Santa Barbara	Mission	3	\$1,151,630
20013	14-433-550	Ocala Avenue Green Street Project - PHASE2	City of Santa Clara	Santa Clara	Coyote Creek	2	\$1,429,355
20053	14-430-550	City Hall Plaza Demonstration Garden and LID Retrofit - PHASE2	City of Santa Rosa	Sonoma	Russian River	1	\$806,174
25095	14-444-550	Greening Downtown Visalia Public Parking - PHASE2	City of Visalia	Tulare	Tulare-Buena Vista Lakes	5F	\$1,566,886
25041	14-439-550	Oak Park Green Streets Urban Retrofit - PHASE2	County of Ventura	Ventura	Malibu Creek	4	\$1,397,990
25942	14-442-550	Urban LID Retrofit at Meiners Oaks - PHASE2	County of Ventura	Ventura	Ventura River	4	\$815,651

Choose from the list a project to review. The example is using County of Ventura's Urban LID Retrofit project – PIN 25942

Public Proposal View

The page allows you to view this application as submitted by the applicant. The application shows the Funding program(s) applied for by the applicant, but does not show whether the proposal is eligible in those Funding program(s). Eligibility information is entered on the Eligibility tab after the proposal has been submitted and screened for eligibility.

Pin No: 25942 - Urban LID Retrofit at Meiners Oaks - AWARDED [Back to Search Screen](#)

Application Overview

RFP/Survey Title: Proposition 84 Storm Water Grant Program (SWGPs) - Round 2 Implementation
Submitting Organization: County of Ventura
Submitting Organization Division: Urban LID Retrofit at Meiners Oaks
Project Description: This urban retrofit project is proposed in Meiners Oaks to comply with the Ventura MS4 Permit and Algae TMDL. It is located at the popular community park in upper Ventura River with water quality issues caused by elevated nutrient and bacteria levels due to stormwater discharge. The Ventura River watershed has been identified as a high priority area for implementation of LID retrofits to improve water quality. This area is also subject to an Algae TMDL in effect since 06/2013. Geotechnical testing in 01/2014 provided soil data analysis showing poor soil permeation rates and infeasibility of infiltration-based BMPs for stormwater treatment. The project was revised to propose a vegetated swale enhanced with a nutrient removal baffle box and an antimicrobial Smart Sponge Plus to reduce bacteria levels prior to effluent discharge. This project will cost-effectively treat urban stormwater while reducing discharge volumes and peak flow rates from the County MS4.

Water System ID:
District Office:

APPLICANT DETAILS

Applicant Organization: County of Ventura
Applicant Organization Division:
Applicant Address: 800 S Victoria Ave, Ventura, CA - 93009

PROJECT LOCATION

Latitude: 34.4497 **Longitude:** -119.2753
Watershed: Ventura River
County: Ventura
Responsible Regional Water Board: 4 Los Angeles Regional Water Board

PROJECT BUDGET

Funds Requested(\$): 815,651.00
Local Cost Match(\$): 204,109.00
Total Budget(\$): 1,019,760.00

Funding Program	Applied	Amount Recommended by State Water Board

County of Ventura's Urban LID Retrofit project – PIN 25942

Basic Description.

Scroll down to see attachments and FAAST Questionnaire.



Name/Division: County of Ventura
Division: 800 S Victoria Ave Ventura, CA, 93009
Submitter Name: Martha Symes
Submitter Phone: 805-654-2013 **Fax:** 805-654-3300
Submitter Email: martha.symes@ventura.org

Legislative Information

Primary	Additional District(s)
Senate District: 19	
Assembly District: 37	
US Congressional District: 26	

Contacts

There are no CONTACTS to display.

Cooperating Entities

There are no COOPERATING ENTITIES to display.

Pre Award Attachment Title

Title	Phase	Date & Time Attached
1	PHASE2	2/27/2014 12:11:55 PM
2	PHASE2	2/27/2014 12:12:16 PM
3	PHASE2	2/27/2014 12:12:30 PM
4	PHASE2	2/26/2014 4:23:42 PM
5	PHASE2	2/27/2014 12:16:09 PM
6	PHASE2	2/26/2014 2:42:00 PM
7	PHASE2	2/26/2014 2:42:00 PM
8	PHASE2	2/26/2014 2:42:00 PM
Attachment 1	PHASE1	10/15/2013 3:40:33 PM
Attachment 2	PHASE1	10/16/2013 10:15:50 AM
Attachment 3	PHASE1	10/15/2013 3:41:20 PM
Attachment 4	PHASE1	10/15/2013 3:41:41 PM
Reviewer Comments	PHASE2	12/20/2013 2:03:17 PM

[Download all PreAward Attachments](#)

Post Award Attachment Title

Title	Phase	Date & Time Attached
2015 Annual Summary	PHASE2	10/30/2015 3:13:23 PM
Annual Update	PHASE2	11/25/2014 4:03:54 PM
PAEP	PHASE2	11/26/2014 10:33:28 AM
PAEP Revised 10-2015	PHASE2	10/30/2015 3:33:39 PM

[Download all PostAward Attachments](#)

Questionnaire - Phase1

Background Information

1 Select the applicant's organization type from the drop-down menu. In order to be considered eligible, the applicant must meet the definition of local public agency and be a city, county, city and county, or district. A joint powers authority comprised entirely of local public agencies is an eligible applicant.

Application Attachments

Post-Award Attachments

