



Meeting Date: 01/24/12

ACTION	TYPE OF ITEM
<input type="checkbox"/> Approved Recommendation	<input type="checkbox"/> Info/Consent
<input type="checkbox"/> Ord. No(s). _____	<input type="checkbox"/> Report
<input type="checkbox"/> Res. No(s). _____	<input type="checkbox"/> Public Hearing (Info/consent)
<input type="checkbox"/> Other _____	<input type="checkbox"/> Other _____

Prepared By: Lou Balderrama, City Engineer Agenda Item No. **I-9**  
 Reviewed By: City Manager [Signature] City Attorney [Signature] Finance [Signature] Public Works [Signature]

**DATE:** January 13, 2012  
**TO:** City Council  
**FROM:** Rob Roshanian, Interim Public Works Director  
 Public Works

**SUBJECT:** Application for State of California Proposition 84 Grant Funds to Conduct a Planning Study and Demonstration Project to Evaluate the Feasibility of Large-Scale Storm Water Capture and Reuse

**RECOMMENDATION**

That City Council adopt a resolution authorizing the City Manager to submit an application for \$500,000 in the State of California Proposition 84 Grant Funds, to be used to Conduct a Planning Study and Demonstration Project to Evaluate the Feasibility of Large-Scale Storm Water Capture and Reuse.

**DISCUSSION**

California voters passed the Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006 (Proposition 84) on November 7, 2006. The State Water Resources Control Board (State Water Board), Division of Financial Assistance is accepting applications for Planning and Monitoring Projects through the Proposition 84 Storm Water Grant Program (SWGP). The Proposition 84 SWGP will have approximately \$8 million available to finance planning and monitoring projects. There is a minimum grant amount of \$100,000 per project and a maximum grant amount of \$1 million per project. A minimum match of 10% is required. Projects must be of regional and/or statewide significance, and be necessary planning and monitoring activities for the successful design, selection, and implementation of SWGP projects. Eligibility and program requirements are detailed in the Proposition 84 Storm Water Grant Program Guidelines, which are available on-line at the State Water Board's website at:

[http://www.waterboards.ca.gov/waterissues/programs/grants\\_loans/prop84/docs/prop84\\_swgp\\_guidelines\\_adopded.pdf](http://www.waterboards.ca.gov/waterissues/programs/grants_loans/prop84/docs/prop84_swgp_guidelines_adopded.pdf)

**Application for State of California Proposition 84 Grant Funds to Conduct a Planning Study and Demonstration Project to Evaluate the Feasibility of Large-Scale Storm Water Capture and Reuse**

January 13, 2012

Page 2

The Public Works Department recognizes that planning for storm water capture and reuse has potential to help the City reach its environmental and water supply goals. The 2030 General Plan Goal ICS 13.4 - Low Impact Development (LID) - directs the City to incorporate LID alternatives for storm water quality control into development requirements. LID alternatives include: (1) conserving natural areas and reducing imperviousness, (2) runoff storage, (3) hydro-modification (to mimic pre-development runoff volume and flow rate), and (4) public education. The 2030 General Plan Goal CD- 22.1 includes participation in the Ormond Beach Wetlands Restoration Plan.

The City's new state-of-the-art Advanced Water Purification Facility (AWPF) is located adjacent to the Ormond Beach Wetlands. An interaction between the AWPF and the Ormond Beach wetlands has been long-planned and considered. The Prop 84 Storm Water Grant Program presents an opportunity for funding to study and evaluate the feasibility of using the AWPF for storm water treatment, and to evaluate interactions between the recycled water treatment wetland and a demonstration storm water wetland. Understanding these complex interactions is necessary to move forward with the Ormond Beach Wetland Restoration Plan.

Public Works staff and consultants, recognizing the opportunity that the SWGP presents, have met and discussed a collaborative approach with these partner agencies: Ventura County Watershed Protection District, Saviers Road Design Team and the State Coastal Conservancy. The State Coastal Conservancy has also consulted with the Ormond Beach Task Force - Science Advisory Committee for project input. As a result the following project elements have been identified and are being refined for the grant application, which is due January 31, 2012:

**Project Title: Planning for Large-Scale Storm Water Capture and Reuse**

**Task 1 Identify and Design Storm Water Reservoirs:** Identify and evaluate 1-4 potential areas for storm water reservoirs in the Oxnard Industrial Drain sub-watershed. Complete 60% designs on the highest priority site.

**Task 2 Identify and Design Large Scale LID Retrofits:** Identify areas such as large parking lots, parks or rights of way that are suitable for LID retrofits. This task includes a Geographic Information System (GIS) analysis, site visits, discussions with landowners, identifying sites in public ownership, and complete designs for retrofits on sites in public ownership.

**Task 3 Water Quality Monitoring:** Determine levels of pollutants and quantity of storm water in the Oxnard Industrial Drain. This information is needed for the design of full scale storm water capture wetlands downstream.

**Task 4 Pilot Test Wetland for Storm Water Capture and Reuse:** Design and construct a small storm water capture wetland adjacent to the Oxnard Industrial Drain in the vicinity of the Advanced Water Purification Facility. Collaborate with partners and with the Ormond Beach Task Force Science Advisory Committee. Study potential for treatment options utilizing the AWPF or wastewater treatment plant.

**Application for State of California Proposition 84 Grant Funds to Conduct a  
Planning Study and Demonstration Project to Evaluate the Feasibility of  
Large-Scale Storm Water Capture and Reuse**

January 13, 2012

Page 3

**Task 5 Project Management and Information Sharing:** Coordinate partners, contractors, consultants and City staff. Complete California Environmental Quality Act (CEQA) reviews and obtain permits. Share information about the project with other Ventura County storm water agencies. Provide grant administration.

**FINANCIAL IMPACT**

At the time of this staff report, the final budget is still being determined in a collaborative process with the project partners. The total grant request will not exceed \$500,000. The City's match will be a maximum of \$50,000, primarily consisting of in-kind services provided by Public Works staff who will manage the project, participate in planning efforts and provide technical input regarding water treatment options. Partner agencies will also contribute to the project.

Attachment #1 - Resolution No. \_\_\_\_\_  
#2 Prop 84 Storm Water Planning Grant Application Form

CITY COUNCIL OF THE CITY OF OXNARD

RESOLUTION NO. \_\_\_\_\_

A RESOLUTION OF THE CITY COUNCIL FO THE CITY OF OXNARD  
APPROVING SUBMITTAL OF GRANT APPLICATION

WHEREAS, City Council Resolution No. 12,053 sets out the procedure by which City staff may submit grant applications, following approval by resolution of the City Council; and

WHEREAS, the Public Works Department has requested that City Council approve the submittal of an application to the State of California for \$500,000 in the Proposition 84 Grant Funds, to be used to Conduct a Planning Study and Demonstration Project to Evaluate the Feasibility of Large-Scale Storm Water Capture and Reuse.

NOW, THEREFORE, the City Council of the City of Oxnard resolves to approve the submittal of a grant application by the City Manager to Conduct a Planning Study and Demonstration Project to Evaluate the Feasibility of Large-Scale Storm Water Capture and Reuse. The City Council further resolves that the City Manager or designee is authorized to execute grant agreements; the Finance Director or designee is authorized to submit financial reports and grant claims and approve special budget appropriations for the use of grant funds; and the Public Works Director or designee is authorized to submit non-financial reports.

PASSED AND ADOPTED this 24<sup>th</sup> day of January, 2012, by the following vote:

AYES:

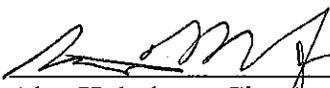
NOES:

ABSENT:

\_\_\_\_\_  
Dr. Thomas E. Holden, Mayor

ATTEST:

\_\_\_\_\_  
Daniel Martinez, City Clerk

  
\_\_\_\_\_  
Alan Holmberg, City Attorney

## APPENDIX F-2: PRC § 75072 PROPOSAL APPLICATION

Applicants will be asked to organize PRC § 75072 Proposals for Planning and Monitoring Projects in a format consistent with the evaluation criteria. This approach should assist applicants in providing complete documentation and will streamline the review process. Applicants should use consistent terminology throughout their PRC § 75072 Proposal application. PRC § 75072 Proposals will be submitted online using the State Water Resources Control Board's (State Water Board) Financial Assistance Application Submittal Tool (FAAST). See the beginning of Appendix D for Application Instructions.

More detail on the information that must be provided in the PRC § 75072 Proposal is discussed in the tables below.

A. Program Selection & General FAAST Information	
<b>1.</b>	<b>PROJECT SELECTION</b>
	Select the "Proposition 84 Storm Water Grant Program Public Resources Code (PRC) Section 75072" Solicitation.
<b>2.</b>	<b>GENERAL INFORMATION</b>
	<u>Project Title</u> – Provide title of the project. <b>If this item is not completed, FAAST will not accept the application.</b>
	<u>Project Description</u> – Provide a brief description of the project. The length of the Project Description is limited to 1,000 characters (including spaces). <b>If this item is not completed, FAAST will not accept the application.</b>
	<u>Applicant Details</u> – Provide the name and address of the applicant organization.
	<u>Project Director</u> – The Project Director is the person responsible for filing an application, executing a grant agreement, and any subsequent amendments to the grant agreement. <b>Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.</b>
	<u>Project Manager</u> – The Project Manager is the day-to-day contact on the project from the Applicant Organization.
	<u>Grant Funds Requested</u> – Provide amount of grant funds requested for the project in dollars.
	<u>Total Budget</u> – Grant fund requested, funding match, and total project cost.
	<u>Latitude/Longitude</u> – Enter latitude/longitude coordinates of the approximate midpoint of the project location in degrees using decimal format.
	<u>Watershed</u> – Provide name(s) of the watershed(s) where the project is located. If the project covers multiple watersheds, list the primary watershed first.
	<u>County</u> – Provide the county in which the project is located. If the project covers multiple counties, select "Multiple Counties" from the drop down list.
	<u>Responsible Regional Water Board</u> – Provide the name of the Regional Water Quality Control Board (Regional Water Board) in which the project is located. If the project extends beyond one Regional Water Board boundary, select "Statewide" from the drop down list. <b>If this item is not completed, FAAST will not accept the application.</b>

**APPENDIX F-2: PRC § 75072 PROPOSAL APPLICATION**

<b>3.</b>	<p><b>LEGISLATIVE INFORMATION</b></p> <p>Enter the State Assembly, State Senate, and U.S. Congressional Districts in which the project is located. For projects that include more than one district, please enter each district. Look up tables are provided in FAAST to assist with determining the appropriate districts.</p>
<b>4.</b>	<p><b>COOPERATING ENTITIES</b></p> <p>Include entities that have/will assist the applicant in Proposal development or implementation. Provide name(s) of cooperating entity(ies), role/contribution to project, first and last name of entity contact, phone number, and email address.</p>
<b>5.</b>	<p><b>AGENCY CONTACTS</b></p> <p>If the applicant has been collaborating with State and Federal agencies (Department of Water Resources [DWR], Regional Water Board, State Water Board, U.S. Environmental Protection Agency (USEPA), etc.) in project development, please provide agency name, agency contact first and last name, phone, and email address. This information is used to identify individuals who may have an understanding of a project and in no way indicates an advantage or disadvantage in the ranking process.</p>
<b>6.</b>	<p><b>APPLICATION QUESTIONNAIRE</b></p> <p>The answers to these questions will be used in processing the application and determining the eligibility and completeness of the application.</p>
<b>7.</b>	<p><b>PROJECT CLASSIFICATION</b></p> <p>These questions allow State Water Board staff to categorize the type(s) of activity(ies) the project is proposing to implement.</p>

<b>B. PRC § 75072 Proposal Questions</b>	
<b>1.</b>	<p><b>APPLICANT TYPE</b></p> <p><u>Q1.</u> Select the applicant's organization type from the drop-down menu. In order to be considered eligible, the applicant must be a public agency, nonprofit organization, public college, regional agency, or State agency as defined in Appendix J.</p>
<b>2.</b>	<p><b>PROJECT TYPE</b></p> <p><u>Q2.</u> Describe how the proposed project meets the Planning and Monitoring project types outlined in Section VI.F and Appendix F-1?</p> <p><u>Q3.</u> Describe how the proposed project is necessary for the successful design, selection, and implementation of SWGP projects.</p>
<b>3.</b>	<p><b>PROBLEM DEFINITION / BACKGROUND</b></p> <p><u>Q4.</u> Describe the proposed research or project, why it is needed, and how it is of Regional or Statewide significance.</p> <p><u>Q5.</u> What is the specific topic(s)/question(s) the proposed research or project intends to address?</p> <p><u>Q6.</u> If the research/project is conducted at a specific location, attach a map or diagram depicting the project location(s), and provide a photograph(s) of the proposed site(s). (<b>Attachment 1</b>)</p> <p><u>Q7.</u> Is this a phased study or part of a larger project effort? Please explain the objectives, framework, and scheduling for the larger project. Note whether there is a commitment to complete the entire project.</p>

**APPENDIX F-2: PRC § 75072 PROPOSAL APPLICATION**

	<u>Q8.</u> Describe any previous studies or data collection efforts that directly relate to the proposed research/project. Attach copies of reports or any data ( <b>Attachment 6</b> ) that are available, and provide an overview of how the information relates to or informs the proposed research/project.
<b>4.</b>	<b>PROGRAM LINK</b>
	<u>Q9.</u> How will your research/project support the purpose of the SWGP, which is to implement projects that will directly prevent and reduce storm water contamination of rivers, lakes, and streams?
<b>5.</b>	<b>IS THE RESEARCH LIKELY TO BE SUCCESSFUL</b>
	<u>Q10.</u> Explain how the proposed project can or will be applied to advance the understanding and management of storm water?
	<u>Q11.</u> Explain the study design in the context of statistical reliability, controls, and ability to address and resolve potential confounding factors.
	<u>Q12.</u> Describe any computer models, management practices, specialized testing, or other extraordinary methods and materials that will be implemented or used as part of this project.
	<u>Q13.</u> Indicate the expected research benefits to water quality and beneficial uses.
	<u>Q14.</u> If necessary, provide additional information about your planning and monitoring project that are not addressed in the previous questions.
	<u>Q15.</u> Will your anticipated results be beneficial to other projects and/or geographic areas?
<b>6.</b>	<b>PROJECT EFFECTIVENESS</b>
	<u>Q16.</u> Explain the anticipated research/project results.
	<u>Q17.</u> What is the greatest challenge in the proposed research/project, and what are the potential benefits that could be attained if the challenge is successfully overcome? Describe the proposed method(s) to overcome the challenge.
	<u>Q18.</u> How do you propose to measure and document your project's benefits? Use the Project Performance Tables per Appendix H to quantify. Submit Project Assessment and Evaluation Plan (PAEP) tables.( <b>Attachment 4</b> )
<b>7.</b>	<b>COST EFFECTIVENESS</b>
	<u>Q19.</u> Describe how the match requirement will be met.
	<u>Q20.</u> Does the project leverage any existing or potential funds from the State, local, and other sources? How much and from what source(s)? How secure is each funding source(s)?
	<u>Q21.</u> Explain how project costs were estimated, and provide a reasonable estimate of cost for each work item (i.e., line item) contained in the Proposal, including planning and design costs, construction costs, and funding match. Provide a detailed budget. ( <b>Attachment 5</b> )
<b>8.</b>	<b>READINESS TO PROCEED</b>
	<u>Q22.</u> Provide a description of all necessary environmental documents, and the status of all environmental documents required for the proposed project. All projects, even research projects, require California Environmental Quality Act (CEQA) compliance. Research projects typically require a Notice of Exemption (NOE) filed with County Clerk or State Clearing House. If an NOE has been filed please include a copy. ( <b>Attachment 2</b> )

**APPENDIX F-2: PRC § 75072 PROPOSAL APPLICATION**

	<u>Q23.</u> Explain the scope and schedule of the research/project. ( <b>Attachment 3</b> ) Indicate the start and end date of the proposed project. The schedule should include key milestones and potential obstacles.
	<u>Q24.</u> Please describe the roles and qualifications of participating researcher(s) and key personnel. Indicate whether the researcher(s)/key personnel are committed to the project.
<b>8.</b>	<b>APPLICANT INFORMATION</b>
	<u>Q25.</u> Have you or any cooperating entities applied for other funds from another program for this specific project? (This includes programs not administered by the State Water Board.) If yes, identify the agency and program.
	<u>Q26.</u> Has the applicant or any cooperating entities entered into a contract or grant agreement: (1) that was terminated; (2) in which funds were withheld by the State Water Board; or (3) that has been the subject of an audit in which there were findings regarding the management of the project or funds by the applicant or a cooperating entity? If so, please explain in the box below, including actions taken to address the problem(s).
	<u>Q27.</u> Is the applicant or was the applicant a party to a current or pending legal challenge to any State Water Board or Regional Water Board regulation or order, which either requires performance of the project, or though not required, whose terms or conditions would be satisfied in whole or in part by performance of the project? If so, please explain in the box below (include the name and case number in your explanation).
<b>9.</b>	<b>BONUS POINTS</b>
	<u>Q28.</u> Describe how the project will directly benefit a disadvantaged community or address environmental justice issues. Applicants must provide strong justification to receive bonus points.
<b>10.</b>	<b>DISCLAIMER</b>
	<u>Q29.</u> _____ (Initials): The <u>Project Director</u> has read and understands the General Terms and Conditions of the Grant Agreement. If the Project Director does not agree with the terms and conditions, a grant award may be denied. (All applicants will be required to check the box and initial next to the statement.)

**APPENDIX F-2: PRC § 75072 PROPOSAL APPLICATION**

<b>APPLICATION ATTACHMENTS</b>		
<p>Provide the attachments listed below by attaching files, no larger than 10 megabytes, to the FAAST application. For instructions on attaching files, please refer to the FAAST User Manual and the application instructions. When attaching files, applicants must use the naming convention noted in FAAST.</p>		
<b>Attachment #</b>	<b>Attachment Title</b>	<b>Description</b>
Attachment 1	Project Location - Map and Photos	Map, diagram, and/or photographs of the proposed project area.
Attachment 2	Environmental Clearance Checklist and CEQA Documentation	Provide a description of the necessary environmental documents, and the status of all environmental documents required for the project. All projects, even research projects, require CEQA compliance. See Appendix G for more information.
Attachment 3	Scope of Work/Schedule	Explain the scope and schedule of the research program/project.
Attachment 4	Project Performance Measures Table(s)	Applicants are required to submit Project Performance Measures Tables specific to their project. Project Performance Measures Tables should include: project goals, desired outcomes, output indicators (measures to effectively track output), outcome indicators (measures to evaluate change that is a direct result of the work), measurement tools and methods, and targets (measurable targets that are feasible to meet during the life of the Proposal). See Appendix H for more information.
Attachment 5	Budget	See Appendix I for detailed guidance on preparation of this attachment.
Attachment 6 (If Applicable)	Previous Studies or Collected Data	Copies of related reports or data.
Attachment 7 (If Applicable)	Letters of Support or Opposition	Submit electronic copies of any letters of support for or opposition to the project or individual projects contained within the project. General letters of support or opposition will not be considered. Letters of support or opposition must clearly state how the implementation of the proposal/project will benefit or adversely impact the individual or entity providing the letter. All letters should be attached to your proposal in FAAST, and may be addressed to the Project Director.
Attachment 8 (If Applicable)	Additional Information	Provide any additional information not contained in the on-line FAAST questionnaire.