

**City of Culver City, California
Agenda Item Report**

Meeting Date: 01/23/2012		Item Number: <u>C-5</u>	
CITY COUNCIL AGENDA ITEM: Approval of the Submission of a Grant Application Through the Proposition 84 Stormwater Grant Program for the Construction of a Low Flow Diversion System.			
Contact Person/Dept.: Damian Skinner/PW		Phone Number: (310) 253-6421	
Fiscal Impact: Yes ☒ No ☐		General Fund: Yes ☒ No ☐	
Public Hearing: ☐		Action Item: ☐ Attachments: ☐	
Commission Action Required: Yes ☐ No ☒		Date: _____	
Public Notification: (E-mail) Agenda and Meetings – City Council (01/19/12)			
Department Approval: Charles D. Herbertson (01/12/12)		City Attorney Approval: Carol Schwab (by H. Baker) (01/17/12)	
Chief Financial Officer Approval: Jeff Muir (01/18/12)		City Manager Approval: John M. Nachbar (01/19/12)	

RECOMMENDATION:

Staff recommends the City Council approve the submission of a grant application for the construction of a low flow diversion system at the end of Le Bourget Avenue near a City owned outfall into Ballona Creek (Creek) through the Proposition 84 Stormwater Grant Program.

BACKGROUND/DISCUSSION:

Proposition 84 Stormwater Grant Program

California voters passed Proposition 84 on November 7, 2006. Proposition 84 allocated approximately \$90 million to create a Stormwater Grant Program to fund the planning and implementation of projects to prevent stormwater contamination of the State's rivers, lakes and streams. Approximately \$42 million of this total are available under a solicitation released in late 2011 and due January 31, 2012.¹

Ballona Creek and Total Maximum Daily Loads (TMDL)

Ballona Creek is currently listed on the State's 303(d) list as impaired due to exceedances of total metals, toxics, trash, and bacteria. Dry weather runoff from

¹ Up to \$10 million total from Round 1 and Round 2 may be used for storm water related Total Maximum Daily Loads. The remainder of the funds will go towards Low Impact Development Projects. January 31, 2012 is the deadline for concept proposals. There will be a second deadline for projects that are selected to submit full proposals.

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sources such as irrigation and residential car washing represents a significant source of these contaminants.

The City has already taken a number of actions to improve water quality in Ballona Creek in compliance with the TMDLs, such as: Weekly (daily in downtown) street sweepings, installation of Continuous Deflective Separation units, and catch basin trash screens (installation in progress). In addition, multiple rain gardens are also in progress and will help reduce the levels of metals, toxics, and bacteria.

Dry Weather (Low Flow) Diversion

Dry weather runoff is water that enters the storm drain system during non-rain events. Sources of dry weather runoff include residential car washing, irrigation over spray, driveway and sidewalk washing, non-chlorinated swimming pool water discharge, flushing of potable water system, etc. A dry weather diversion system can greatly reduce the amount of contaminants reaching the Ballona Creek and the Pacific Ocean by diverting dry weather runoff to the sanitary sewer system. Los Angeles County (County) and Los Angeles City (LA) have successfully implemented a similar system in Marina del Rey that treats up to 64,800 gallons per day of dry weather runoff.

Proposed Project

Staff is seeking City Council approval to apply for a Proposition 84 Stormwater Grant in order to construct a dry weather diversion project at the end of Le Bourget Avenue near a City owned storm drain outfall in Ballona Creek. This location has been selected because large dry weather flow from 20 catch basins could be easily redirected to the nearby Jasmine Sewer Pump Station². By diverting this flow during non-rain events, the project is anticipated to reduce the oil, metals, and other contaminants that may enter Ballona Creek during this time period and help the City meet its dry weather TMDL's.

The Amalgamated Sewer Agreement with LA allows the City to divert up to 165,000 gallons per day of dry weather flow to the Hyperion Treatment Plant. This proposed project would divert approximately 1,000 gallons per dry day and up to the maximum amount allowed for all diversions under the Amalgamated Sewer Agreement during initial rain events.

² The Jasmine Pump Station has more than enough capacity to handle the additional flows from the proposed project.

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This evening, staff is seeking the City Council's approval to submit the grant application. Should the City Council so approve and if the grant is awarded to the City, then staff will return to the City Council with a request for the City Council to accept the grant and also designate the required matching funds.

FISCAL ANALYSIS:

There is a 20 percent matching requirement for this grant. The project is anticipated to cost approximately \$700,000. Thus, if the grant is approved, about \$140,000 in matching funds are anticipated to be required. If the City's grant application is approved, staff anticipates returning to the City Council either separately or as part of the budget process to request funding for the match. Staff will investigate the potential use of Sewer or other restricted funds for the match, with the General Fund being the last option.

MOTIONS:

That the City Council

1. Approve the submission of a grant application through the Proposition 84 Stormwater Grant Program; and,
2. AAuthorize the City Attorney to review/prepare the necessary documents; and,
3. Authorize the City Manager to execute such documents on behalf of the City.