



THE CITY OF SAN DIEGO  
**REPORT TO THE CITY COUNCIL**

DATE ISSUED: May 21, 2008 REPORT NO:08-081

ATTENTION: Council President and City Council  
Agenda for May 27, 2008

SUBJECT: Transfer Funding for Fiscal Year 2008 Watershed Capital Projects to  
CIP 12-159.0, Watershed Capital Projects Annual Allocation

REFERENCE: Watershed Urban Runoff Management Plans

REQUESTED ACTION: The Storm Water Pollution Prevention Division of the General Services Department requests that City Council approve the transfer of \$4,775,446 from the General Fund (#100), General Services Department, Storm Water Pollution Prevention Division Operating Fund (Dept #533), to increase CIP 12-159.00 (Fund 630221), Watershed Capital Projects Annual Allocation.

STAFF RECOMMENDATION: Adopt the resolutions.

SUMMARY:

**Background**

The Watershed Capital Projects Annual Allocation allocates funding for design and construction of Watershed Capital Projects. These projects, in conjunction with non-structural water quality projects, are primarily intended to address storm drain discharge water quality standards, established by the San Diego Regional Water Quality Control Board under Total Maximum Daily Load (TMDL) programs and by the State Water Resources Control Board for Areas of Special Biological Significance (ASBS). A secondary objective of these projects is to satisfy watershed-based water quality activity requirements in the Regional Water Quality Control Board's Municipal Storm Water National Pollutant Discharge Elimination System (NPDES) Permit, Order No. R9-2007-0001.

The implementation of Watershed Capital Projects helps to meet these water quality standards in two ways; by direct reduction of pollutant loads through the use of filtering, segregation, biological uptake, and infiltration; and by serving as pilot projects for evaluating the effectiveness of different storm water quality management approaches. The increased understanding gained from monitoring and evaluating the effectiveness of these projects will be used to support decisions on selecting future Watershed Capital Projects. Collectively, over a multi-year period, the program refinements and added infrastructure will progressively improve water quality in streams, bays, estuaries and oceans.

The Storm Water Pollution Prevention Division performs the overall administration of the Watershed Capital Projects program which includes an annual process of identifying project locations, establishing conceptual designs, and securing appropriate funds for design and construction. Overall program administration also entails overseeing the projects through completion of design and construction to ensure that they will contribute to improved water quality in accordance to objectives laid out in the six (6) Watershed Urban Runoff Management Plans. Annually, project concepts are handed to the Engineering & Capital Projects Department to manage the design and construction aspects, including procurement of contracts.

### **Requested Funding Transfer**

In accordance with the Storm Water Pollution Prevention Division's strategic objectives for fiscal year 2008, conceptual plans have been developed for 13 (thirteen) Watershed Capital Projects. The transfer of funds requested by this action will enable the Engineering & Capital Projects Department to secure engineering consultant contracts for design of these 13 projects.

### **Description of Projects**

The following description of the thirteen projects is based on the current conceptual design. The subsequent design phases to be initiated with the transferred funds will conduct further studies, perform further site investigation and stakeholder discussion which will guide the final design approach. Site specific investigation may lead to substituting alternate project sites within the same watershed or selecting different technology/design concept to meet the same water quality objectives. Currently, the Storm Water Pollution Prevention Division maintains ongoing research on potential sites for future Watershed Capital Projects and will provide the program expertise for making such decisions.

The proposed storm water quality improvements are a variety of low impact development site features such as parking lot infiltration and in line storm water treatment devices. Following is a brief discription of the thirteen proposed projects:

Southcrest Park Storm Water Infiltration Concept – Located on Park and Recreation property at South 40<sup>th</sup> Street and Alpha Street. This project proposes re-paving existing parking lot with porous pavement and constructing a below-grade storm water infiltration facility within the turf area.

San Diego Police Department West Division Green Mall Concept – Located on the Police Department property at Friars Road and Napa Street. This project proposes re-paving existing parking lots with porous pavement with a sub-drain system.

Mira Mesa Library Green Lot Concept – Located on the Library property at Camino Ruiz and New Salem Street. This project proposes re-paving existing parking lots with porous paving and constructing a below-grade storm water infiltration facility.

North Clairemont Park Bacteria Treatment Concept – Located on Park and Recreation property at Bannock Avenue and Genessee Avenue. This project proposes a storm drain retrofit that will divert flow through a trash segregation unit and a bacterial filtration system.

Park Ridge Boulevard Bacteria Treatment Concept – Located within the Right-of-Way of Park Ridge Boulevard near the intersection with Murray Park Drive. This project proposes a storm drain retrofit that will divert flow through a trash segregation unit and a bacterial filtration system.

Marindustry Drive Low Flow Diversion Concept – Located on Environmental Services property at Marindustry Drive near Miramar Place. This project proposes a storm drain retrofit that will divert dry weather flows and “first flush” flows to the sanitary sewer.

Osler Street Hydrodynamic Separator Concept – Located within the Right-of-Way of Osler Street near Linda Vista Park. This project proposes a storm drain retrofit to add a hydrodynamic separator that is designed to separate pollutants from storm water runoff.

Marindustry Drive Hydrodynamic Separator Concept – Located within the Right-of-Way of Marindustry Drive near the intersection of Miramar Mall. This project proposes a storm drain retrofit to add a hydrodynamic separator that is designed to separate pollutants from storm water runoff.

Cabrillo Heights Park Green Lot Concept – Located on Park and Recreation property near Kearny Villa Road and Aero Drive. This project proposes bioretention features incorporated within the landscaping.

Leon Avenue Green Street Concept – Located within the Right-of-Way of Leon Avenue near Berry Park. This project proposes bioretention features incorporated within the streetscape landscaping.

Three (3) Trash Segregation Concepts – Located within the Right-of-Way of Bernardo Center Drive and Bernardo Heights Parkway, Beyer Boulevard, and El Cajon Boulevard near 36<sup>th</sup> Street. These projects propose the retrofit installation of catch basin inserts that will separate trash and debris from storm water runoff. These locations are chosen to work in concert with a separately funded pilot study for non-structural best management practices.

Other concepts are being developed and may be available to substitute or augment the above concepts if found to be more effective in achieving the program goals. A new concept currently under study is a canyon project that will combine habitat enhancement with water quality improvements. The Storm Water Pollution Prevention Division is positioned to involve the State water boards and non-governmental organizations in considering such alternate approaches to meeting water quality goals. The design work to be funded by this action will further evaluate the feasibility of the conceptual plans, finalize the site selections, and prepare design plans and construction documents.

### **Equal Opportunity Contracting**

Consultant design agreements established under this CIP account are subject to the City’s Equal Opportunity Contracting (San Diego Ordinance No. 181713, Section 22.2701 through 22.2702) and Non-Discrimination in Contracting Ordinance (San Diego Municipal Code Sections 22.3501

through 22. 3517). To support its Equal Opportunity Contracting commitment, the City has established voluntary participation levels. The goals for this contract are 20% Voluntary Subcontractor Participation Goal, and 15% Voluntary Subconsultant Participation Goal. Goals are achieved by contracting with any combination of Minority Business Enterprise (MBE), Women Business Enterprise (WBE), Disadvantaged Business Enterprise (DBE), Disabled Veteran Business Enterprise (DVBE), or Other Business Enterprise (OBE) level. Attainment of the participation level goal is strongly encouraged but strictly voluntary. Prior to award, a workforce report or an Equal Opportunity (EEO) Plan will be submitted to the Program Manager of the City of San Diego Equal Opportunity Contracting Program (EOCP) for approval. Staff will monitor the plan and adherence to the Nondiscrimination Ordinance.

FISCAL CONSIDERATIONS: Funds in the amount of \$4,775,446 for this action are available in the General Fund (#100), General Services Department, Storm Water Pollution Prevention Division's (Dept #533) Fiscal Year 2008 approved budget. The \$4,775,446 funds the FY08 watershed capital projects design. The remaining funds to complete these projects will be identified in the Storm Water Pollution Prevention Division's future year budgets.

PREVIOUS COUNCIL and/or COMMITTEE ACTION: On April 10, 2007, City Council authorized the addition of CIP 12-159.0, Watershed Water Quality Improvements R-2007-882. On February 27, 2008, the Natural Resources and Culture Committee (NR&C) heard the currently proposed action as Item 5C and approved forwarding this item to the City Council for approval, with direction to provide projects' specific information. The requested information was provided to the NR&C as Consent Item 2A on April 23, 2008.

COMMUNITY PARTICIPATION AND PUBLIC OUTREACH EFFORTS: The Storm Water Pollution Prevention Division sought input from San Diego Coastkeeper during the conceptual study of the FY08 Projects. Outreach to community members and coordination with affected City departments will continue throughout the design process and construction.

KEY STAKEHOLDERS AND PROJECTED IMPACTS: Key Stakeholders: San Diego Coastkeeper, San Diego Regional Water Quality Control Board. Projected Impacts: The transferring of funds would not result in any physical impacts on the environment. However, future Watershed Capital Projects for which these funds would be used will be subject to review in accordance with the California Environmental Quality Act (CEQA) as well as all applicable City regulations and permitting requirements.



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