

Jurisdictional Urban Runoff Management Plan

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12.0 FISCAL ANALYSIS COMPONENT

12.1 Introduction

This section describes the County's general strategy for conducting fiscal analyses of its urban runoff management programs, including initial costs and future more detailed cost estimates. Detailed program budgets are included in section 12.0 of each of the County's JURMP Annual Reports.

12.2 Fiscal Analysis Methods

The County's current approach to conducting and reporting on an annual Fiscal Analysis is updated from that presented in its FY 2006-07 JURMP Annual Report. Per Permit section G, the County worked with other Copermittees to collaboratively develop a *Standardized Method and Format for Annually Conducting and Reporting Fiscal Analyses of Copermittee Urban Runoff Management Programs*. The County has modified its fiscal analyses and began conducting them in accordance with this standardized method starting in January 2010 (i.e., for the FY 2008-09 reporting period). Estimated costs are spread over several County departments, based on their different functions and responsibilities. Tables 12.1, 12.2, and 12.3 show the major categories over which costs are projected, the departments and programs that share these costs, and the sources of funding the County anticipates using to secure the resources necessary to meet its Permit obligations. As shown, expenditures are projected according to four broad categories:

- Jurisdictional (Table 12.1);
- Watershed (Table 12.2);
- Regional (Table 12.3); and
- Total

The County intends to continue funding its budgeted costs through a combination of the following revenue sources:

- General Fund;
- Flood Control District Fees;
- Developer Deposits and Fees;
- Gas Tax (TransNet);
- Sanitary District Fees;
- Environmental Trust Fund;
- Airport Enterprise Funds;
- Agricultural Registration and Inspection Fees;
- Solid Waste Franchise Fees;

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- Environmental Health Permit Fees;
- County Service Areas (CSAs); and
- Community Development Block Grants.

Legal restrictions on the use of these funding sources are as follows.

General Fund. There are no restrictions on the use of general fund for County water quality programs and activities except that they must be used only for the purposes for which they are budgeted and allocated by the County Board of Supervisors.

Flood Control District Fees. Revenue generated from these fees must be expended for activities related to flood and storm management.

Developer Deposits / Permit Fees. Deposits / fees may be used only to fund activities related to the work for which the permits are issued.

Gas Tax. The Gas Tax is collected by the state and allocated to local government for transportation-related work including maintenance of existing transportation systems (e.g. roadway sweeping, culvert cleaning) and construction of new transportation facilities. These funds may not be used for other purposes.

Sanitary District Fees. Sanitary District Fees are used for work related to the maintenance of sewer lines, pump stations, force mains, and several treatment plants that serve the unincorporated areas of Alpine, Julian, Lakeside, Spring Valley, Pine Valley, Campo, East Otay Mesa, and the Winter Gardens area. They may be used only for such maintenance-related purposes within the respective sewer district within which they are collected.

Other Funding Sources. Because other funding sources collectively account for a relatively small portion of ongoing expenditures, legal restrictions on their use are not discussed further here. However, all funding for the County's stormwater compliance programs is expended within applicable legal restrictions and limitations.

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Table 12.1: Overview of Jurisdictional Program Costs and Funding Sources

| Program Element | | Projected Funding Sources ¹ | Description |
|--|--------------------------------|--|---|
| 1. Administration | | | |
| 1 | DPW Administrative Activities | General fund | These costs correspond to the development, administrative oversight, and assessment of the County’s stormwater programs. The DPW WPP is responsible for the development of new and augmented County stormwater programs, regulatory reporting, and program assessment. They also provide overall support for the County’s obligations as Principal Copermittee. |
| 2 | DPR Administrative Activities | General fund | This group coordinates all training requirements, reviews reports, prepares reports, conducts inspections, manages budgets and oversees the overall implementation of the Stormwater Program for DPR. |
| 2. Development Planning Component | | | |
| a. Land Use Planning | | | |
| 3 | DPLU Advance Planning | General Fund | While stormwater is addressed in the General Plan Update and policy projects as appropriate (example: parking standards would address), costs are spread amongst a myriad of other issues. |
| b. Environmental Review | | | |
| 4 | DPLU Project Planning | Developer deposits and fees | This reflects DPLU oversight review for CEQA inclusion. |
| c. Development Project Approval and Verification | | | |
| Private Projects | | | |
| 5 | DPW Private Development Review | Developer deposits and fees | This cost primarily covers plan reviews for permitted sites. Total costs are estimated as fixed percentages of annual plan-checking fees. |
| 6 | DPLU Building | | |
| Public Projects | | | |

¹ Actual funding sources may vary by fiscal year.

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| Program Element | | Projected Funding Sources ¹ | Description |
|---------------------------|---|---|---|
| 7 | DPW Capital Improvements | Gas tax; Flood control fees; Airport enterprise fund; Transnet; Parks and Recreation; FHWA; Community development block grants; Prop 1B | Capital improvement costs include: preparing plan specifications and estimates for stormwater BMPs; BMP inspections during construction; implementation of construction phase BMPs |
| 8 | DPW Sanitary Sewer Capital Improvements | Sanitary district fees | Capital improvement costs include implementation of post-construction phase BMPs. |
| 9 | DPR Capital Improvements | General fund; County service area; Developer deposits and fees; Community development block grants | Capital improvement costs include: preparing and reviewing plans and specifications for stormwater BMPs; SWPPP/WPCP review and BMP compliance inspections during construction; implementation of construction phase BMPs and post-construction BMPs. |
| 10 | DGS Capital Improvements | General fund | Costs associated with the DGS Capital Improvement Plans (capital and major maintenance projects) include: staff training/education; preparing plans, specifications and estimates for stormwater BMPs; and, implementation of post-construction BMPs. |
| 3. Construction Component | | | |
| a. Private Projects | | | |
| 11 | DPW Private Development Inspection | Developer deposits and fees | This cost primarily covers construction inspections at permitted sites. Total costs are estimated as fixed percentages of annual plan-checking and inspection program fees. |
| 12 | DPLU Building Inspection | | |
| b. Public Projects | | | |

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| Program Element | | Projected Funding Sources ¹ | Description |
|---|---|---|--|
| 13 | DPW Capital Improvements | Gas tax; Flood control fees; Airport enterprise fund; Transnet; Parks and Recreation; FHWA; Community development block grants; Prop 1B | Capital improvement costs include: preparing plan specifications and estimates for stormwater BMPs; BMP inspections during construction; implementation of post-construction BMPs. |
| 14 | DPW Sanitary Sewer Capital Improvements | Sanitary district fees | Capital improvement costs include: preparing plan specifications, design, estimates, BMP inspections during construction, and implementation of construction BMPs. |
| 15 | DPR Capital Improvements | General fund; County service area; Developer deposits and fees; Community development block grants | Capital improvement costs include: preparing and reviewing plans and specifications for stormwater BMPs; SWPPP/WPCP review and BMP compliance inspections during construction; implementation of construction phase BMPs and post-construction BMPs. |
| 16 | DGS Capital Improvements | General fund | Costs associated with the DGS Capital Improvement Plans (capital and major maintenance projects) include BMP inspections and oversight during construction. |
| 4. Municipal Component | | | |
| 17 | DPW Audits | General fund | This group inspects County owned and maintained facilities and provides guidance on compliance issues. |
| Streets, Roads, Highways, and Parking Facilities Element | | | |
| 18 | DPW Road Operations | Gas tax | Funded road operations activities include: culvert inspections and cleaning; increased culvert waste disposal costs; street sweeping; installation and maintenance of BMPs at road structures. |
| MS4 Element | | | |

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| Program Element | | Projected Funding Sources ¹ | Description |
|---------------------------------------|---|--|---|
| 19 | DPW Flood Control MS4 Maintenance Program | Flood Control Tax | This includes salary and benefits for staff to perform maintenance on a wide variety of flood control facilities throughout the unincorporated areas of the County. The cost also includes equipment such as vehicles and other mechanical devices needed for maintenance activities. Expenditures such as environmental permit fees, disposal fees, and contract work are included as well. The majority of the expenditures are spent on debris removal and vegetation management in natural bottom channels. |
| 20 | DPW Flood Control | Flood control fees | This cost includes the conversion of existing concrete lined channels to natural bottom channels, and increased maintenance of flood control systems. |
| Solid Waste Facilities Element | | | |
| 21 | DPW Landfill Compliance | Environmental Trust Fund | These costs involve site inspections at inactive landfills, burn sites and buffer properties for BMP implementation. For landfills, the cost also includes sampling/chemical analyses of stormwater samples, annual reporting, and maintenance of BMPs. |
| Wastewater Facilities Element | | | |
| 22 | DPW Sanitary Sewer BMP Program | Sanitary district fees | This includes costs associated with operation and maintenance of the sanitary sewer system such as leak detection monitoring and replacement of high-risk sewer lines. It also includes the cost of inspecting wastewater treatment facilities and implementing and maintaining BMPs at those sites. |
| Road Stations Element | | | |
| 23 | Includes: Division 1 and Division 2 Stormwater Crews; Division 1 and Division 2 Headquarters, and; all individual road stations | Gas Tax | Funded road operations activities include installation and maintenance of BMPs at road station facilities, staff training, plan development and maintenance, and recordkeeping. |

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| Program Element | | Projected Funding Sources ¹ | Description |
|---|--|--|--|
| Fleet Maintenance Element | | | |
| 24 | DGS Fleet Maintenance | General Fund | Fleet oversees 21 fuel sites and 8 shops which includes implementation of BMPs, inspections, sweeping , spill kits and training for DGS and DPW employees |
| Municipal Airfields Element | | | |
| 25 | DPW Airport Compliance | Airport enterprise fund | These costs involve site inspections at airports and inactive landfills for BMP implementation. For landfills, the cost also includes sampling/chemical analyses of storm water samples, annual reporting, and maintenance of BMPs. |
| Parks and Recreational Facilities Element | | | |
| 26 | DPR Facilities BMP Program | General fund | This covers costs associated with implementation of BMPs at County parks. |
| | | County Service Area | |
| Office Buildings and Other Municipal Facilities Element | | | |
| 27 | DGS Facilities BMP Program | General fund | The Department of General Services (DGS) Facilities Maintenance BMP Program conducts a variety of stormwater activities including: inspections and clean-up of County-owned, occupied, and leased facilities and vacant lands; maintenance and signage of storm drain inlet inserts and trash dumpsters; placement of inlet filters; maintenance of coverage and containment improvements for on-site supplies and materials; parking lot sweeping and controlled parking lot power washing; and application of erosion and sediment control measures. |
| Pesticides, Herbicides, and Fertilizer Management Element | | | |
| 28 | AWM Pesticide, Herbicide, and Fertilizer | General Fund | The Integrated Pest Control Program within the Department of Agriculture Weights and |

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| Program Element | | Projected Funding Sources ¹ | Description |
|--|---|--|--|
| | Management | Internal Agreements | Measures performs eradication and control of invasive weeds. This program also produces rodent bait and provides weed control on roadsides, airports, flood control channels, sewage treatment plants and inactive landfills. Also provides structural pest control to facilities owned and operated by the county. |
| 5. Industrial and Commercial Component | | | |
| 29 | DPW Business, Facilities & Residential Compliance | General fund | This group conducts inspections of a variety of businesses in the unincorporated County, provides regulatory oversight of mobile businesses, responds to complaints, and conducts follow-up and enforcement of stormwater violations. |
| 30 | AWM Compliance and Enforcement | Registration and inspection fees | This group regulates the activities of several categories of high priority commercial facilities and activities, including nurseries and greenhouses, golf courses, cemeteries, agricultural and structural pest control businesses, , and botanical gardens. Specific activities conducted include: planning, inspections, investigations, outreach, compliance assistance enforcement activities, and reporting. |
| | | General fund | |
| 6. Residential Component | | | |
| 31 | DPW Community Outreach | General fund | This group coordinates and provides outreach to the residential sector and schoolchildren in support of Permit Section D.5 requirements. |
| 32 | DPR Community Outreach | General fund | Funded activities include planning and conducting environmental outreach to schools, training teachers and students on water quality monitoring, leading students on hikes, and planning and conducting clean-up events. |
| 33 | DEH Community Outreach | Solid waste franchise fees | Funded activities include: planning and conducting HHW collection events, and |

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| Program Element | | Projected Funding Sources ¹ | Description |
|--|---|--|---|
| 34 | | Environmental health permit fees | overseeing operation of permanent HHW facilities; developing pollution prevention content and providing direct outreach to various target audiences including builders and developers; preparing maps and conducting GIS analysis of environmental data; and integrating water quality elements into environmental health programs. |
| 35 | DPW Business, Facilities & Residential Compliance | General fund | This group conducts complaint investigations of residential sources in the unincorporated County, operates a regional hotline, and conducts follow-up and enforcement of stormwater violations. |
| 36 | DPR Compliance and Enforcement | General fund | DPR enforces stormwater requirements at County parks. |
| | | County Service Area | |
| 7. Illicit Discharge Detection and Elimination Component | | | |
| 37 | DPW Science and Monitoring | General fund | This group is responsible for developing and conducting monitoring programs, assessing scientific data, and providing technical and scientific support to County program staff. This group also provides support for all technical and scientific aspects of WURMP development and implementation. |

Table 12.2: Overview of Watershed Program Costs and Funding Sources

| Program Element | Funding Sources | Description |
|--------------------------|-----------------|---|
| DPW Watershed Management | General fund | These costs are associated with the DPW Watershed Planning Section. This group is the County lead on most watershed-related activities and programs required under Permit Section E. It is responsible for watershed planning activities in the County, including Watershed Urban Runoff Management Programs. |
| DPW Watershed Planning | General fund | These costs include the analysis of engineering-related watershed activities, |

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| Program Element | Funding Sources | Description |
|-------------------------------|-----------------|---|
| | | assessment of watershed BMPs, and MS4 and sewer mapping by DPW staff. |
| DPW Watershed Structural BMPs | Grants | The County's watershed planning programs require the construction and maintenance of regional treatment BMPs. These devices will serve a wide area and address the water quality concerns of businesses, municipalities, and residences. These costs cover both the construction and maintenance of BMPs. |

Table 12.3: Overview of Regional Program Costs²

| Regional Working Body |
|---|
| Program Planning Subcommittee (PPS) |
| Fiscal, Reporting, & Assessment Workgroup |
| Education and Residential Sources Workgroup |
| Monitoring Workgroup |
| Land Development Workgroup |
| Municipal Sources Workgroup |
| Industrial and Commercial Sources Workgroup |
| Regional WURMP Workgroup |
| CASQA Fees |

12.3 Update to Fiscal Analysis Methods

Updates to the Fiscal Analysis Component may occasionally be required in response to periodic reviews or new Permit requirements. These will be completed as required and documented in Section 12.4 below.

12.4 Program Review and Modification

Table 12.4 identifies modifications made to the Fiscal Analysis Component since its March 24, 2008 submittal.

² The County's funds only its proportional share of regional activities. This portion is funded exclusively through the County's General Fund.

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Table 12.4: Modifications to the Fiscal Analysis Component

| Date | Section(s) | Modification(s) |
|----------|------------|---|
| 05-20-08 | Multiple | Various non-substantive corrections including formatting, punctuation, and grammar. |
| 05-20-08 | 12.4 | Addition of Section 12.4 for tracking JURMP modifications. |
| 06-22-10 | 12.0 (all) | In accordance with <i>Permit section G.2</i> , the County and other Copermittees submitted to the RWQCB on January 31, 2009 a regional standardized method and format for conducting annual fiscal analyses of urban runoff management programs. JURMP Section 12.0 has been modified to ensure compliance with these regional standards. |
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