Chapter 2  Funding

One of the biggest challenges to attaining true water sustainability in the Watershed is obtaining sufficient funding for planning and implementation of multi-benefit, multi-use integrated projects. Funding can come from a variety of sources including agency resources such as utility user fees and general revenues, funding available through regional agencies such as MWD for conservation and local resource projects, federal funding, state grant funding such as Proposition 84, and loans such as the State Revolving fund.

Integrated Regional Planning efforts conducted by SAWPA have been funded by the SAWPA member agencies. Integrated planning is listed as a line item and approved as part of the planning budget. The bottom-up approach of the OWOW plan was different. SAWPA contributed significant resources for support and facilitation of both the Steering Committee and the Pillars, but the watershed level analysis and goal setting was completed by a diverse group from across the watershed. Some participated as part of their assigned agency duties and some participated on their own time. As the scope of OWOW broadens, it will be a challenge to develop further funding sources that reflect the current broad view. The decision of water supply agencies to fund the support and facilitation of the entire process will be made each year by the SAWPA Commission.

Individual agencies have planned for the projects included in this Plan through their individual Capital Improvement Programs and through collaborative planning activities. This planning has included financial planning to ensure project implementation within a time period that yields the highest level of benefit in terms of efficiency, economies of scale, and cost avoidance. While significant seed money and partnerships currently are in place for various water projects in the Watershed, there are many more projects, both large and small that will require funding.
The year 2000 estimate for the complete ten-year Santa Ana Integrated Watershed Plan (IWP) was $3 billion dollars. In review of recent sub-regional IRWMPs funding needs, the combined estimated investment is over $3.6 billion dollars.

A total of 297 projects are included in this Plan, with a combined capital cost of $3.6 billion, which confirms previous estimates. Nevertheless, the total need in the Watershed is likely to exceed this amount, as probably not all projects needed by individual agencies were submitted in the call for projects.

It should also be noted that the integration of projects on the list into more integrated projects may result in significant cost savings. Early estimates show that multi-benefit projects can save 33% over single purpose projects.

Projects in the Plan range in capital cost from $80,000 to $133 million, with an average cost of $12.2 million. Project applicants are requesting grants for $1.7 billion, while the remaining $1.9 billion would be funded through a combination of local contributions, federal grants, and SRF loans (see following chart). The amount of grant funding requested is much higher than the funds allocated to the Watershed of $114 million.

Operation and maintenance costs (O&M) of proposed projects are not eligible for grant funding. A more detailed evaluation of the financial sustainability of proposed projects will be conducted as part of the economic analysis in the DWR Prop 84 IRWM Implementation grant application defined under the Proposal Solicitation Packages (PSPs).

Table 2.1 at the end of this chapter lists the projects, their anticipated costs, and requested grant funding. In addition to funding for project implementation, SAWPA is exploring funding opportunities for planning work through other State and Federal funding sources. This funding could be used for future updates of the OWOW Plan. In addition to SAWPA, individual agencies within the Watershed are likely to pursue grant funding for a variety of planning efforts. SAWPA would complement any planning grants with its own funds obtained from member agencies. The following section summarizes previous funding opportunities that may be replicated for funding the Plan's projects in the future, as well as anticipated sources of funding to meet the anticipated funding structure of each project.

**Certainty of Funding**

As described in more detail in Chapter 7, candidate projects were evaluated in two phases. First, all applications received were reviewed to determine inclusion in the Plan, resulting in the list of 297 projects. Then, all projects were ranked for their ability to address the objectives of the Plan. Information for the highest-ranked projects was validated via further analysis and interviews with project sponsors. Based on this review, the financial information provided appears to be reasonable.

During the preparation of DWR Prop 84 IRWM Implementation grant application defined under the Proposal Solicitation Packages (PSPs) for specific funding opportunities, the certainty of the proposed funding will be evaluated in more detail for each project as part of the required economic analysis.
**Previous Funding Success**

Through the efforts and planning foundation of the Santa Ana IWP, SAWPA has been remarkably successful in moving rapidly into project implementation since the passage of the State of California Proposition 13 Water Bond in March 2000. This includes contracting with the State Water Resources Control Board (SWRCB) to use $235 million in Proposition 13 Water Bond funds, matched with over $565 million in local agency funds, to construct over $800 million in projects that directly support the Santa Ana IWP.

Based on the State project goals for Proposition 13, SAWPA, the SWRCB, and the watershed stakeholders ultimately approved approximately 25 projects. The majority of these projects were for water supply and water quality improvements, with approximately $25 million set aside for environmental and habitat enhancement projects. Of these monies, about $20 million was designated for the SCIWP Arundo Removal Program and $5 million has been designated for the Irvine Ranch Water District (IRWD) Natural Treatment System. Together, these projects have generated approximately 300,000 acre-feet (AF) of new water supply for the region at a cost to the State of less than $100 per AF, and improved water quality in Newport Bay. Long term, the region proposes to store upwards of 1,000,000 AF of new water supplies, sufficient to withstand a multi-year drought without having to import water.

Use of SCIWP funds in the Watershed allowed partner agencies in the Watershed to effectively leverage State funds to implement water projects providing tremendous benefits for our region. Under the Proposition 13 Water Bond SCIWP program, $235,000,000 in grant funds was matched by local funding of $624,121,000. In essence, this is a leveraging factor of State fund use of 2.66 (for every dollar of state grants provided, $2.66 local dollars were used to implement the projects). The $235 million created 291,620 acre-feet per year (AFY) of new water for the region. The process of construction created 12,875 new jobs based on a ratio of 15.6 jobs/$1 million cited in the U.S. Bureau of Economic Analysis for the Inland Empire Model.

In 2002, the voters approved another water bond called State Proposition 50 IRWM program, which provided over $500 million for IRWM projects. Through a competitive grant application process, SAWPA was successful in being selected to receive $25 million from the IRWM. The SWRCB contract to implement the water resources projects in the Watershed was executed in March 2008. The local funding that will be provided to implement several major water resource projects in our region will amount to $229,661,000. This is a leveraging factor of State fund use of 9.19 (for every dollar of state grants provided, $9.19 local dollars will be used to implement the projects). It is projected that the $25 million from Proposition 50 will provide a savings of 32,280 AFY of potable water, newly recycled water supplies of 16,700 AFY, an additional recharge capacity of 257,000 AFY, and 600 acres of new riparian habitat throughout the Watershed. The economic impact from new jobs created by construction is significant with an estimated 3,975 new jobs.

Moving into the future to meet increasing water demands in this region will allow for more funding opportunities to arise for the implementation of projects to achieve Watershed sustainability. Often, these funding opportunities are directed to a specific resource management strategy or policy issue, so projects that may rank highest in importance or priority in the Watershed, as viewed by the water stakeholders, may or may not be the first to be funded. Consequently, the region will need to remain flexible in pursuing funding when it becomes available, keeping the larger picture of a
sustainable, drought proofed, salt balanced region that supports economic and environmental vitality as the long-term goal.

State Bond Funding

Of the many funding opportunities that may provide the most funding flexibility to the region in the near-term is a State bond measure described as Proposition 84 - The Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006. This bond measure was passed by the State of California voters in November 2006 and provides $5.388 billion to support various water resource needs in the State. State grant funds are available for several water resource needs, as delineated in different chapters of the Act.

Chapter 2 of the bond measure authorizes $1 billion for the IRWM Program. The bill defined an allocation statewide among 11 funding areas. The SAR Region will receive Proposition 84 funding in the amount of $114,000,000.

This link to Table 2.1 provides a map of where in the Plan the different IRWM Plan Standards, per Proposition 84 Guidelines, are located. This Table can be found in the Appendices.

In addition to Chapter 2, there are several other chapters of Proposition 84 that could provide funding for specific projects within the SAR Region. Specifically:

- Chapter 3 directs $275 million to flood control projects and $40 million for flood protection corridor projects.
- Chapter 5 designates $18 million for an urban streams restoration program, and $90 million for a stormwater grant program to protect lakes, streams and rivers.

These grant programs largely are competitively available statewide, but would help provide supplemental funding to various projects in the region that meet the specific program guidelines.

Before funds from Chapter 2 could be used, however, the State legislature needed to appropriate funding for the authorized bond measures under Proposition 84 passed by voters in November 2006. In September 2008, funds were appropriated by the State Legislature for the Proposition 84 IRWM under SBxx1 appropriations. This first appropriation is considered an initial funding round for the program. Under this appropriation, $181,791,000 will be provided for implementation ($100,000,000), planning ($39,000,000), inter-regional projects ($22,091,000), and program delivery ($20,700,000). Based on preliminary feedback from DWR, the administering state agency for the IRWM program, the $100,000,000 for implementation will go to those regional water management groups that have prepared and adopted an IRWMP, and will meet the DWR guidelines for the funding. Draft guidelines were issued in March 2010 and are the basis for the documentation of the OWOW Plan.

In addition to Proposition 84, SBxx1 appropriation also includes funding for Proposition 1E – Disaster Preparedness and Flood Prevention Act. The original Proposition 1E bond measure authorized $4.1 billion. Under SBxx1, $150,000,000 was appropriated for seismic strengthening ($100,000,000), combined sewer systems ($20,000,000), urban stream stormwater flood management ($20,000,000), general stormwater flood management ($5,500,000), and program delivery ($4,500,000).
Because both Propositions 84 and 1E have as a requirement the development of or coordination with IRWMPs, the DWR will administer the programs in a combined process. Under this program, DWR has proposed an expedited round of funding so that projects can be implemented quickly. Major considerations for funding will include availability of a work plan, a budget, readiness to start, projects of need, costs defined, preferences stated, and benefits described. One of the primary focuses of the expedited funding will be support for critical water supply or water quality needs for disadvantaged communities. At least 10% of the $100,000,000 of the Proposition 84 implementation funding must be directed to disadvantaged communities. In addition, at least 20% must be directed to agricultural and urban water conservation projects necessary to meet the Governor’s goal for 20% water demand reduction by the Year 2020.

For the SAR Region, the possible funding that may be available under SBxx1 for Proposition 84 expedited funding could range from $12,666,667 to $38,000,000 depending on the success of funding in other funding areas. For Proposition 1E, the funding cap is $30 million per project. Future rounds of funding will support planning grants for continued IRWM planning development and more implementation grant funding may be available in 2011. It is envisioned that many of the priority projects that are identified by the OWOW Steering Committee will be funded for implementation in the SAR Region.

In mid-2009, concept proposals were requested from DWR under Proposition 84, Chapter 5, Stormwater Grant Program (SWGP). $90 million was authorized toward the reduction and prevention of stormwater contamination of rivers, lakes, and streams. Five percent of these funds are reserved for assistance to disadvantaged communities. Ten percent of the authorized funds can be used to finance planning and monitoring necessary for the design, selection, and implementation of SWGP projects. The SWRCB will be distributing the funds under two rounds of funding, $45 million each.

Draft guidelines for the SWGP indicate that the local match of 5%, 10% or 20% is dependent upon whether the communities supported are small and severely disadvantaged, small and disadvantaged, or other, respectively. The minimum grant is $250,000 per project, and the maximum grant amount is $5 million per project. Eligible projects include Low Impact Development (LID) projects that help control runoff and those projects that help comply with Total Maximum Daily Load (TMDL) requirements for contamination arising from pathogens, metals, and trash pollutants.

Other sources of State funding include the Water Use Efficiency Program, which currently is administered by DWR and is funded through various bond initiatives, and provides grant funding for agricultural and urban water conservation programs. DWR's Assembly Bill 303, Local Groundwater Assistance Program, funds groundwater management, data collection, modeling, monitoring, and assessment programs.
**State Loan Programs (State Revolving Fund)**

Other State grants and various loan programs also are available under the State Revolving Loan Program, Agricultural Water Conservation Loan Program, and other sections of Proposition 84. It was through the State Revolving Loan Program that the majority of the Santa Ana Regional Inceptor (SARI) was constructed to transport high saline brine from the Watershed to the ocean after treatment. Over $60 million in loans have been received by SAWPA alone to accomplish this major infrastructure facility that is so vital to water quality improvement in the Watershed. Other agencies have had similar successes building infrastructure projects using these funding sources.

On September 26, 2008, the United States Congress introduced the Economic Stimulus Bill, H.R. 7110 – Job Creation and Unemployment Relief Act of 2008 (bill). This bill was to address the nation's need to bolster the economy and create jobs. In the current bill, Title I, Chapter 2, explains utilization of the Federal Capitalization Grants for State Revolving Funds pertaining to water and wastewater infrastructure. The California Clean Water State Revolving Fund would receive an amount in excess of $450 million; however, the total allotment could increase. Once enacted, fund priorities will focus on "shovel-ready" projects that would create jobs immediately. These additional funds may provide a source of funding for projects within the Watershed.

**Federal Funding Sources**

The federal grant funding sources currently are limited, but may change pending the impacts of various federal economic stimulus packages proposed to support nationwide infrastructure improvements. The U.S. Bureau of Reclamation's (USBOR) Challenge Grant Program provides funding for water management programs and projects in the western United States. This grant program might help fund the implementation of water conservation projects. USBOR also provides funding for water recycling programs and basin study programs. EPA provides funding for environmental improvement projects. In addition, funding can be directed for implementation of projects under the IRWMP, through the Federal Energy and Water Development Appropriations legislation funneled through the Army Corp of Engineers (Corps).

Flood agencies have a long history of partnering with the Corps to build flood infrastructure, and recently the Corps has been granted the authority to develop ecosystem restoration projects with local sponsors. Many of these projects have 65% Corps and 35% local sponsor cost share that allows the leveraging of local resources.

**Local Funding Sources**

Historically, the Watershed region has demonstrated a strong commitment to providing matching local funds for State grant-funded water projects. The amount of local match typically required in the past water bonds as defined by the State administering agency, SWRCB and the DWR, is 25%. The SAR Region has far exceeded this required local match minimum by showing a much higher percentage of local revenue so that more regionally important water projects could be constructed. Agencies often leverage existing Capital Improvement Program funds to accelerate development and implementation of projects.
Local funding can come from a variety of sources, and one of the most effective local on-going sources is the MWD programs. The MWD maintains a number of funding programs to offset the costs of various water resource programs. For example, MWD's Local Resources Program is targeted to support water recycling and groundwater development projects, such as desalting, to help reduce the overall water demand within its service area. This program can provide subsidies of up to $250/AF over 25-year terms. Another program that MWD offers is a rebate program for water use efficiency programs, devices, and measures throughout its service area. These programs are offered to residential, commercial and industrial, agricultural, and public sector entities, and have proven to be a tremendous success across southern California. Unfortunately, since the SAR Region falls partially out of MWD's boundaries, there are some entities in the Watershed region that would not be eligible to participate in these programs.

Aside from the local funding support of regional entities, local rate revenue generation is another possible source of funding for the region. Further, with current nationwide economic conditions, the number of economically disadvantaged communities is expected to increase in many areas of the Watershed region. Under these conditions, increasing water rates to compensate for capital improvements necessary to address existing and future water demands is becoming more challenging.

In some communities, local funding can take the form of a local revenue bond. These bonds typically are dedicated to specific types of improvements and require a vote by the electorate. Similar to various local propositions that were passed in some coastal regions dedicated to supporting ocean and beaches, local revenue bonds could be brought to the voters to assure adequate local funding for various water resource improvements in the Watershed. With increasing uncertainty about dependable imported water supplies from the Bay Delta due to environmental concerns and SWP reductions, as well as Colorado River drought conditions also resulting in flow reductions to southern California, funding to support local reliable supplies such as recycled water and clean up of local groundwater supplies have received increased attention throughout California. The challenge with a top-down California approach is that the State's ability to issue bonds may be limited. However, with Watershed communities hit hard by the recession and potential increases in water rates to compensate for the ever decreasing water supplies, the passage of a new fee for regional or local water supplies by the majority of property owners, or 2/3 majority of the electorate, would represent a formidable challenge. Still, early discussions regarding this approach are being explored by several upper watershed agencies. The ability to “control one’s destiny” at a regional level not only ensures that regional priorities are met, but that the region has a say in ranking those priorities.

The following Table 2.2 presents the proposed funding structure for all projects in the OWOW Plan, including a preliminary assessment on the certainty of funding. It should be noted that these funding estimates are preliminary and are self-reported.
<table>
<thead>
<tr>
<th>Project name</th>
<th>Agency</th>
<th>Total Project Amount</th>
<th>Requested Funding Amount</th>
<th>Local Contribution Amount</th>
<th>Federal Contribution Amount</th>
<th>In-Kind Contribution Amount</th>
<th>SRF Loan Amount</th>
<th>Certainty of capital funding</th>
<th>Certainty of O&amp;M funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fullerton Creek Channel (OCFCD Facility No. A03) from downstream I-5 Freeway to downstream Dale Street.</td>
<td>Orange County, Public Works, Flood Control Section, Flood Programs</td>
<td>$8,400,000</td>
<td>$2,100,000</td>
<td>$6,300,000</td>
<td></td>
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<td></td>
<td>Yes, this project is on the Flood Control Capital Improvement Project Plan, which is a list of prioritized projects through a 7-year period. This channel system is one of OCFCD’s highest priority capital improvement projects. When the downstream segments are constructed, this project will advance the tiers towards the budgeted year. If it advances to a budgeted year in mid-fiscal year, funds will be appropriated to construct this project.</td>
<td>Yes. Funds for flood control capital improvement projects, including operation and maintenance come mainly from property taxes and state contributions. Operation and maintenance is ongoing for this channel system and is budgeted every fiscal year.</td>
</tr>
<tr>
<td>Planning &amp; Integration Assistance Program</td>
<td>California Resource Connections</td>
<td></td>
<td>$200,000</td>
<td>$150,000</td>
<td>$25,000</td>
<td></td>
<td></td>
<td>Yes. This project is on the Flood Control Capital Improvement Project Plan.</td>
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<tr>
<td>San Bernardino River Corridor Revitalization</td>
<td>California Resource Connections</td>
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<td></td>
<td>Yes. This project is on the Flood Control Capital Improvement Project Plan.</td>
<td></td>
</tr>
<tr>
<td>Place-Based GIS Land Use Design Tool to Protect Watershed Function in the Upper SAR Watershed</td>
<td>California Resource Connections</td>
<td></td>
<td>$475,000</td>
<td></td>
<td>$475,000</td>
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<td></td>
<td>Yes, this project is on the Flood Control Capital Improvement Project Plan, which is a list of prioritized projects through a 7-year period. This channel system is one of OCFCD’s highest priority capital improvement projects. When the downstream segments are constructed, this project will advance the tiers towards the budgeted year. If it advances to a budgeted year in mid-fiscal year, funds will be appropriated to construct this project.</td>
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<tr>
<td>Brookhurst Widening Bio-Swale and Synthetic Turf Installation</td>
<td>City of Anaheim</td>
<td>$1,600,000</td>
<td></td>
<td>$800,000</td>
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<td></td>
<td>Yes. This project is on the Flood Control Capital Improvement Project Plan, which is a list of prioritized projects through a 7-year period. This channel system is one of OCFCD’s highest priority capital improvement projects. When the downstream segments are constructed, this project will advance the tiers towards the budgeted year. If it advances to a budgeted year in mid-fiscal year, funds will be appropriated to construct this project.</td>
<td>City right-of-way maintenance funds are available for maintenance and are anticipated to be available in perpetuity.</td>
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<tr>
<td>ARTIC Use of GWRS Water for Irrigation and Groundwater Recharge</td>
<td>City of Anaheim</td>
<td>$4,000,000</td>
<td>$2,000,000</td>
<td></td>
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<td></td>
<td>Yes. This project is on the Flood Control Capital Improvement Project Plan, which is a list of prioritized projects through a 7-year period. This channel system is one of OCFCD’s highest priority capital improvement projects. When the downstream segments are constructed, this project will advance the tiers towards the budgeted year. If it advances to a budgeted year in mid-fiscal year, funds will be appropriated to construct this project.</td>
<td>Yes</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Project Description</th>
<th>City</th>
<th>CIP Budgeted for FY 2010/2011</th>
<th>O&amp;M Budgeted for FY 2011</th>
<th>Other Budgets for FY 2012</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Recycling Demonstration Project</td>
<td>City of Anaheim</td>
<td>$8,000,000</td>
<td>$1,600,000</td>
<td>$6,400,000</td>
<td>The first phase of the project is budgeted in the City’s Capital Improvement budget. An amount of $6,277,000 is budgeted for FY 2010 and $342,000 for FY 2011. For O&amp;M of the project, an amount of $30,000 has been budgeted for FY 2011, and $250,000 for FY 2012.</td>
</tr>
<tr>
<td>Water Use Efficiency Improvements/Brackish Groundwater Treatment &amp; Constructed Wetland Installation at Yorba Regional Park</td>
<td>City of Anaheim</td>
<td>$200,000</td>
<td>$100,000</td>
<td>$100,000</td>
<td>Funding for required match of the project will be from the City’s storm drain construction fund. Funding for the maintenance of the project will be integral to the City’s regular operational maintenance of storm drain facilities.</td>
</tr>
<tr>
<td>Modjeska Park Parking Detention/Infiltration Facility (Design Only)</td>
<td>City of Anaheim</td>
<td>$250,000</td>
<td>$125,000</td>
<td>$125,000</td>
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<tr>
<td>Shallow Aquifer Pumping for Non-potable Uses</td>
<td>City of Anaheim</td>
<td>$3,720,000</td>
<td>$1,600,000</td>
<td>$2,120,000</td>
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<td>Urban Runoff Reuse - Anaheim Hills Golf Course</td>
<td>City of Anaheim</td>
<td>$9,800,000</td>
<td>$4,900,000</td>
<td>$4,900,000</td>
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<tr>
<td>Platinum Triangle/ARTIC and Disneyland Resort Area Water Recycling Project</td>
<td>City of Anaheim</td>
<td>$16,500,000</td>
<td>$8,250,000</td>
<td>$8,250,000</td>
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<tr>
<td>Ball Road Regional Recycled Water Project</td>
<td>City of Anaheim</td>
<td>$20,000,000</td>
<td>$10,000,000</td>
<td>$10,000,000</td>
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<tr>
<td>Orange County/Beaumont Conjunctive Use Water Project</td>
<td>City of Anaheim</td>
<td>$66,000,000</td>
<td>$33,000,000</td>
<td>$33,000,000</td>
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<tr>
<td>Randolph Creek Water Quality and Habitat Enhancement Project</td>
<td>City of Brea</td>
<td>$870,000</td>
<td>$700,000</td>
<td>$170,000</td>
<td>CIP Budgeted for FY 2010/2011 The City will provide funding for their part of the project, and with funding for construction, the other partners will help cover the rest of the O&amp;M funds.</td>
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<tr>
<td>Crescent Avenue Sewer Replacement</td>
<td>City of Buena Park</td>
<td>$2,376,000</td>
<td>$950,400</td>
<td>$675,600</td>
<td>O&amp;M for this replacement sewer will be through the City of Buena Park sewer forces. It will be funded through sewer fees as is the sewer being replaced.</td>
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<tr>
<td>Description</td>
<td>City</td>
<td>Total Costs</td>
<td>Design Costs</td>
<td>Construction Costs</td>
<td>Operate, Maintain Costs</td>
</tr>
<tr>
<td>-----------------------------------------------------------------------------</td>
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<tr>
<td>Construction of a Reclaimed Water Pipeline to Buena Park, California</td>
<td>City of Buena Park</td>
<td>$5,000,000</td>
<td>$500,000</td>
<td>$500,000</td>
<td>$4,000,000</td>
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<tr>
<td>Magnolia Channel Detention Basin</td>
<td>City of Chino</td>
<td>$83,600</td>
<td>$62,700</td>
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<td>Drainage A Detention Basin</td>
<td>City of Chino</td>
<td>$5,200,000</td>
<td>$3,900,000</td>
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<td>$617,500</td>
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<td>Arlington Desalter Connection Project No. 27-1208 &amp; Western Municipal</td>
<td>City of Corona</td>
<td>$800,000</td>
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<td>Water District Promenade Connection</td>
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<td>Norco/Stagecoach Park Recycled Waterline</td>
<td>City of Corona Department</td>
<td>$3,700,000</td>
<td>$1,850,000</td>
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<td>Water and Power</td>
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<tr>
<td>Industrial Way Water Quality and Storm Drain Improvement Project</td>
<td>City of Costa Mesa</td>
<td>$3,000,000</td>
<td>$2,400,000</td>
<td>$600,000</td>
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<tr>
<td>Fairview Park Wetlands and Riparian Habitat Project</td>
<td>City of Costa Mesa</td>
<td>$4,560,000</td>
<td>$2,200,000</td>
<td>$960,000</td>
<td>$1,400,000</td>
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<tr>
<td>Citywide Street Median Rehabilitation Project</td>
<td>City of Garden Grove</td>
<td>$6,161,000</td>
<td>$4,000,000</td>
<td>$2,161,000</td>
<td>The City of Garden Grove has secured matching funds for these proposed projects. Currently, the City dedicates General Funds to the maintenance and operation of all street medians.</td>
</tr>
<tr>
<td>City of Fontana Flood Control and Aquifer Recharge Program</td>
<td>City of Fontana</td>
<td>$6,000,000</td>
<td>$1,000,000</td>
<td>$500,000</td>
<td>$4,500,000</td>
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<tr>
<td>Patterson Street Storm Drain Upgrade</td>
<td>City of Garden Grove</td>
<td>$3,600,000</td>
<td>$3,240,000</td>
<td>$360,000</td>
<td>Operation and maintenance funding for this existing structure is already in place.</td>
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<tr>
<td>Yockey/Newland Storm Drain Line B-S Phase 2</td>
<td>City of Garden Grove</td>
<td>$5,067,000</td>
<td>$3,800,000</td>
<td>$782,000</td>
<td>$485,000</td>
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</tbody>
</table>
Phase 2. City matching funds have been secured for the second phase of this project. Additionally, every storm drain is cleaned annually with special attention given after rainy periods.

<table>
<thead>
<tr>
<th>Project Description</th>
<th>City</th>
<th>Funding Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>East Garden Grove Wintersburg Channel Urban Runoff Diversion Project, Phase I</td>
<td>City of Huntington Beach</td>
<td>$5,488,700</td>
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<tr>
<td></td>
<td></td>
<td>$5,200,000</td>
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<td></td>
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<td>$288,700</td>
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<tr>
<td>The Quail Valley Groundwater Infiltration Improvements Project</td>
<td>City of Menifee</td>
<td>$250,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$250,000</td>
</tr>
<tr>
<td>The Project consists of two detention basins &amp; approximately 11,800 lineal feet of</td>
<td>City of Menifee</td>
<td>$6,000,000</td>
</tr>
<tr>
<td>open channel and storm drains from Juniper Flats westerly. It represents Phase 1</td>
<td></td>
<td>$3,500,000</td>
</tr>
<tr>
<td>of the four-phase MDP.</td>
<td></td>
<td>$2,000,000</td>
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<tr>
<td></td>
<td></td>
<td>$500,000</td>
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<tr>
<td>The Quail Valley Groundwater Infiltration Improvements Project</td>
<td>City of Menifee</td>
<td>$250,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$250,000</td>
</tr>
<tr>
<td>The $2 million local match is already available in the form of cash collections</td>
<td></td>
<td>The County of Riverside Flood Control and Water Conservation District will pay for a portion of the O&amp;M, with the remainder covered by a Landscape Maintenance District or a second Community Facilities District to be established by the City of Menifee that has been already agreed upon by the ADP property owners.</td>
</tr>
<tr>
<td>from a locally established Community Facilities District (CFD) which are being</td>
<td></td>
<td></td>
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<tr>
<td>held by County of Riverside Flood Control on behalf of the ADP property owners.</td>
<td></td>
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</tr>
<tr>
<td>Funds would be released to this project upon request. Up to $500,000 has been</td>
<td></td>
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<tr>
<td>committed separately by the ADP property owners, who to-date have already spent</td>
<td></td>
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<tr>
<td>$27 million to complete design, environmental, and right-of-way acquisition.</td>
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<tr>
<td>Cucamonga Creek Watershed Regional Water Quality Project (Mill Creek Wetlands)</td>
<td>City of Ontario</td>
<td>$20,000,000</td>
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<td></td>
<td></td>
<td>$10,000,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$10,000,000</td>
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<tr>
<td>The Project is funded through Development Impact Fee construction agreements and is</td>
<td></td>
<td>Maintenance will be funded through</td>
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<tr>
<td>included in the Ontario General Plan. As such, the Project is certain to be funded</td>
<td></td>
<td>Development Impact Fees and long term</td>
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<td>and constructed.</td>
<td></td>
<td>through the Operations and Maintenance</td>
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<td></td>
<td></td>
<td>Community Facilities District.</td>
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<td>Project Description</td>
<td>City</td>
<td>Total Project Cost</td>
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<tr>
<td>Water Use Efficiency Program</td>
<td>City of Ontario</td>
<td>$150,558</td>
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<tr>
<td>Water Well Decontamination - City of Redlands</td>
<td>City of Redlands</td>
<td>$2,100,000</td>
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<tr>
<td>Riverside North Aquifer Storage and Recovery Project</td>
<td>City of Riverside</td>
<td>$12,500,000</td>
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<tr>
<td>Recycled Water Transmission Main (Santa Ana River Segment)</td>
<td>City of Riverside</td>
<td>$26,000,000</td>
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<td>Project Description</td>
<td>City</td>
<td>Total Cost</td>
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<td>San Bernardino Clean Water Factory – Phase III</td>
<td>City of San Bernardino Municipal Water Department</td>
<td>$6,981,170</td>
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<td>San Bernardino Clean Water Factory – Phase I</td>
<td>City of San Bernardino Municipal Water Department</td>
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<td>San Bernardino Clean Water Factory – Phase II</td>
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<td>San Bernardino Clean Water Factory – Phase VI</td>
<td>City of San Bernardino Municipal Water Department</td>
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<td>San Bernardino Clean Water Factory – Phase V</td>
<td>City of San Bernardino Municipal Water Department</td>
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<td>San Bernardino Clean Water Factory – Phase IV</td>
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<td>Tustin Avenue Well</td>
<td>City of Tustin</td>
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<td>City of Tustin Main Street Facility Improvements</td>
<td>City of Tustin</td>
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<td>Rawlings Reservoir Replacement</td>
<td>City of Tustin</td>
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<td>14th Street Groundwater Recharge and Storm Water Quality Treatment</td>
<td>City of Upland</td>
<td>$5,000,000</td>
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<td>Integration Facility</td>
<td>Costs</td>
<td>Funding</td>
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<tr>
<td>Wilson III Basins Project and Wilson Basins/Spreading Grounds</td>
<td>City of Yucaipa</td>
<td>$9,100,000</td>
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<td>Infiltration and Inflow Reduction Program</td>
<td>Costa Mesa Sanitary District</td>
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<td>CMSD #101 West Side Pumping Station Abandonment</td>
<td>Costa Mesa Sanitary District</td>
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<td>Serrano Creek Restoration Plan</td>
<td>County of Orange</td>
<td>$3,345,212</td>
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<tr>
<td>Borrego Canyon Wash Stabilization and Restoration Project</td>
<td>County of Orange/OC Watersheds</td>
<td>$3,232,000</td>
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<td>Construction &amp; Quantitative Evaluation of the Low Impact Development Retrofit Project for Orange County Public Works Glassell Yard, Orange, California</td>
<td>County of Orange/OC Watersheds Program</td>
<td>$3,000,000</td>
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<tr>
<td>Project Description</td>
<td>District Name</td>
<td>2023 Budget</td>
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<tr>
<td>Proposed 12-inch Village of Heritage</td>
<td>Cucamonga Valley Water District</td>
<td>$3,600,000</td>
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<tr>
<td>Proposed 8-inch Redhill Park Lateral</td>
<td>Cucamonga Valley Water District</td>
<td>$336,000</td>
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<tr>
<td>New 12-inch recycled water main to the Redhill Golf Course</td>
<td>Cucamonga Valley Water District</td>
<td>$600,000</td>
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<td>Biodiesel Feedstock Production</td>
<td>Eastern Municipal Water District</td>
<td>$18,200,000</td>
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<td>Perris II Desalination Facility</td>
<td>Eastern Municipal Water District</td>
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<tr>
<td>San Jacinto Wildlife Area Habitat Sustainability and Enhancement Utilizing Recycled Water</td>
<td>Eastern Municipal Water District</td>
<td>$150,000</td>
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<td>Storm Water Capture and Groundwater Recharge in the Perris North Groundwater Management Zone</td>
<td>Eastern Municipal Water District</td>
<td>$200,000</td>
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<tr>
<td>Hemet/San Jacinto Integrated Recharge and Recovery Program Phase II</td>
<td>Eastern Municipal Water District</td>
<td>$2,400,000</td>
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36
<table>
<thead>
<tr>
<th>Project Description</th>
<th>District</th>
<th>Total Funding</th>
<th>Principal</th>
<th>Interest</th>
<th>Annual Reserve</th>
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<tr>
<td>French Valley Recycled Water Distribution Pipeline Project</td>
<td>Eastern Municipal Water District</td>
<td>$3,192,800</td>
<td>$2,394,600</td>
<td>$798,200</td>
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<tr>
<td>San Jacinto Recycled Water Distribution Pipeline Project</td>
<td>Eastern Municipal Water District</td>
<td>$3,809,480</td>
<td>$2,857,110</td>
<td>$952,370</td>
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<tr>
<td>Perris Valley Recycled Water Distribution Pipeline Project</td>
<td>Eastern Municipal Water District</td>
<td>$3,821,520</td>
<td>$2,866,140</td>
<td>$955,380</td>
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<tr>
<td>San Jacinto Indirect Potable Reuse</td>
<td>Eastern Municipal Water District</td>
<td>$2,000,000</td>
<td>$1,000,000</td>
<td>$1,000,000</td>
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<tr>
<td>Perris Water Filtration Plant Reject Recovery Facility</td>
<td>Eastern Municipal Water District</td>
<td>$6,765,828</td>
<td>$5,074,371</td>
<td>$1,691,457</td>
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<tr>
<td>The San Jacinto Citrus In-Lieu Recycled Water Pond Pump Station and Distribution Pipeline Project</td>
<td>Eastern Municipal Water District</td>
<td>$7,240,000</td>
<td>$5,430,000</td>
<td>$810,000</td>
<td>$1,000,000</td>
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<tr>
<td>East Diamond Valley Recycled Water Storage Pond and Distribution Pipeline Project</td>
<td>Eastern Municipal Water District</td>
<td>$10,783,600</td>
<td>$8,087,700</td>
<td>$2,695,900</td>
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<tr>
<td>The Menifee Recycled Water Pond Pump Station and Distribution Pipeline Project</td>
<td>Eastern Municipal Water District</td>
<td>$11,980,320</td>
<td>$8,985,240</td>
<td>$2,370,080</td>
<td>$625,000</td>
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<tr>
<td>EMWD Desalination Recovery Enhancement and Brine Concentrate Management Demonstration Facility</td>
<td>Eastern Municipal Water District</td>
<td>$12,000,000</td>
<td>$9,000,000</td>
<td>$1,300,000</td>
<td>$1,600,000</td>
</tr>
</tbody>
</table>

Funding is secured each year through the District's operating budget process.

- The District has appropriated $25,000 via work order 412754 to support Facility Planning of this project.
- This project will be financed from the Service Area No. 41 (Mills) Replacement and System Betterment Construction Reserve. Total Project Cost $6,765,828 [Board Letter M-231/09 Dated November 4, 2009].
- Funding will be secured each year through the District's operating budget process.
- Funding is secured each year through the District's operating budget process.
<table>
<thead>
<tr>
<th>Project Description</th>
<th>District</th>
<th>Budget 2009</th>
<th>Budget 2010</th>
<th>Budget 2011</th>
<th>Notes</th>
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<tbody>
<tr>
<td>North Trumble Recycled Water Storage Ponds</td>
<td>Eastern Municipal Water District</td>
<td>$12,100,000</td>
<td>$9,075,000</td>
<td>$3,025,000</td>
<td>The project was included in the 2009/10 EMWD 5-year CIP. Additionally, EMWD is working to secure the additional funding through the combination of the grants application and EMWD Board appropriation. Funding is secured each year through the District's operating budget process.</td>
</tr>
<tr>
<td>Sun City Force Main and Recycled Water Pipeline Replacement</td>
<td>Eastern Municipal Water District</td>
<td>$12,610,000</td>
<td>$9,458,000</td>
<td>$3,152,000</td>
<td>2008 COP Bond Issue Funding and Internal Reserve Funding</td>
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<tr>
<td>Quail Valley Sewer Improvements (Subarea 9)</td>
<td>Eastern Municipal Water District</td>
<td>$18,932,000</td>
<td>$14,199,000</td>
<td>$4,733,000</td>
<td>Received a $180,222 Grant from the State Water Resources Control Board (SWRCB) for preliminary design of the Quail Valley Sewer Improvements (Subarea 9). The District’s match was set at 22% ($39,649), for a total budget of about $220,000. District Expenses thus far for Subarea 9 exceed $223,000. Previously the District spent $130,000 for a feasibility study of the Quail Valley Community, to conduct research on alternative technologies, and to search for project funding. Funding is secured each year through the District's operating budget process.</td>
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<tr>
<td>PVRWRF Biosolids Dryer Facility</td>
<td>Eastern Municipal Water District</td>
<td>$13,000,000</td>
<td>$7,800,000</td>
<td>$5,200,000</td>
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<tr>
<td>Perris II Desalter Ancillary Facilities</td>
<td>Eastern Municipal Water District</td>
<td>$42,000,000</td>
<td>$31,500,000</td>
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<tr>
<td>Project Description</td>
<td>District</td>
<td>Cost 1</td>
<td>Cost 2</td>
<td>Cost 3</td>
<td>Notes</td>
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<td>--------------------------------------------------------</td>
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<tr>
<td>Quail Valley Sewer Improvements (Subareas 1-8)</td>
<td>Eastern Municipal Water District</td>
<td>$56,762,000</td>
<td>$42,572,000</td>
<td>$14,190,000</td>
<td>Funding is secured each year through the District's operating budget process.</td>
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<tr>
<td>Temescal Gardens</td>
<td>Elsinore Valley Municipal Water District</td>
<td>$1,000,000</td>
<td>$750,000</td>
<td>$250,000</td>
<td>EVMWD has implemented an ascending block rate conservation structure for its water customers. A portion of penalty rates collected each year has been set aside for water conservation projects. The funding for this project constitutes a portion of that set aside funding. O&amp;M costs will be minimal and managed by the homeowner.</td>
</tr>
<tr>
<td>Temescal Gardens Online</td>
<td>Elsinore Valley Municipal Water District</td>
<td>$300,000</td>
<td>$200,000</td>
<td>$100,000</td>
<td>EVMWD has implemented an ascending block rate conservation structure for its water customers. A portion of the penalty revenue has been set aside for funding water conservation projects such as this. The local funding is only a portion of the amount set aside. As with our existing Website, O&amp;M for the design Website will be funded out of the EVMWD general fund.</td>
</tr>
<tr>
<td>Wineville Extension Pipeline</td>
<td>Inland Empire Utilities Agency</td>
<td>$11,212,500</td>
<td>$8,409,375</td>
<td>$2,803,125</td>
<td>O&amp;M expenses will be funded through IEUAs operating revenue, which is supported through service charges and fees.</td>
</tr>
<tr>
<td>Watershed Action Plan</td>
<td>Inland Empire Utilities Agency</td>
<td>$1,000,000</td>
<td>$750,000</td>
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<td>The County of San Bernardino has budgeted funds for the local portion.</td>
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<tr>
<td>Ely Basin Cla Valve Replacement and Electrical Service</td>
<td>Inland Empire Utilities Agency</td>
<td>$98,091</td>
<td>$73,568</td>
<td>$24,523</td>
<td>O&amp;M expenses will be funded through IEUAs operating revenue, which is supported through service charges and fees.</td>
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<tr>
<td>San Sevaine Lateral and Turnouts</td>
<td>Inland Empire Utilities</td>
<td>$2,631,701</td>
<td>$1,973,776</td>
<td>$657,925</td>
<td>O&amp;M expenses will be funded through IEUAs operating revenue, which</td>
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<td>Project Description</td>
<td>Agency</td>
<td>O&amp;M Expenses</td>
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<td>Capital Expenses</td>
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<td>Hickory Basin Conservation Berm Outlet Modification</td>
<td>Inland Empire Utilities Agency</td>
<td>$92,752</td>
<td>$69,564</td>
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<td>Hickory / Banana Basin Turnout Flow Meter</td>
<td>Inland Empire Utilities Agency</td>
<td>$101,567</td>
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<td>Montclair Basin SCADA Improvements</td>
<td>Inland Empire Utilities Agency</td>
<td>$132,567</td>
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<td>Regional Public Sector Program</td>
<td>Inland Empire Utilities Agency</td>
<td>$665,000</td>
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<td>Motorized Gate Actuator Installation at RP-3</td>
<td>Inland Empire Utilities Agency</td>
<td>$710,776</td>
<td>$533,082</td>
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<td>Jurupa Pump station</td>
<td>Inland Empire Utilities Agency</td>
<td>$871,487</td>
<td>$653,615</td>
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<td>Regional Commercial Incentive Program</td>
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<td>Regional Residential Landscape Retrofit Program</td>
<td>Inland Empire Utilities Agency</td>
<td>$315,000</td>
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<td>Jurupa Force Main Outlet Modifications</td>
<td>Inland Empire Utilities Agency</td>
<td>$1,555,113</td>
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<td>Inland Empire Utilities Agency</td>
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<td>Agency Wide Aeration System Modifications</td>
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<td>RP-2 Digester Gas System Modifications</td>
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<td>Digester Gas Cleaning System</td>
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<td>City of Fontana Local Recycled Water Distribution Facilities</td>
<td></td>
<td>$8,300,000</td>
<td>$6,225,000</td>
<td>$2,075,000</td>
<td></td>
</tr>
<tr>
<td>City of Chino Hills Local Recycled Water</td>
<td></td>
<td>$10,000,000</td>
<td>$7,500,000</td>
<td>$2,500,000</td>
<td></td>
</tr>
<tr>
<td>Distribution Facilities</td>
<td>Utilities Agency</td>
<td>operating revenue, which is supported through service charges and fees.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------------------------------------</td>
<td>-------------------------------------------------------</td>
<td>-----------------------------------------------------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Regional Residential Landscape Financing Program</td>
<td>Inland Empire Utilities Agency</td>
<td>$240,000 $150,000 $75,000 $15,000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Turner Basin Improvements</td>
<td>Inland Empire Utilities Agency</td>
<td>$13,453,000 $10,089,750 $3,363,250</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Local Recycled Water Laterals Construction</td>
<td>Inland Empire Utilities Agency</td>
<td>$25,000,000 $18,750,000 $6,250,000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IEUA Regional Landscape Evaluation Program</td>
<td>Inland Empire Utilities Agency</td>
<td>$165,000 $100,000 $50,000 $15,000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Central Area Recycled Water Project</td>
<td>Inland Empire Utilities Agency</td>
<td>$27,920,000 $20,940,000 $6,980,000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RP-1 Secondary System Modifications</td>
<td>Inland Empire Utilities Agency</td>
<td>$30,200,000 $22,650,000 $7,550,000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RP-5 De-bottlenecking and RP-2 Capacity Improvement</td>
<td>Inland Empire Utilities Agency</td>
<td>$39,000,000 $29,250,000 $9,750,000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>930-Zone Pipeline &amp; Reservoir, Expansion of the CCWRF-RP-1 S. Zone Pump Station &amp; Installation of a Parallel Line to RP-1 Outfall</td>
<td>Inland Empire Utilities Agency</td>
<td>$39,338,000 $29,503,500 $9,834,500</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The ground water recharge in the Chino Basin is supported by the IEUA and Chino Basin Watermaster through each agency's regular operating expenses. It is the goal of the project to have all park and recreational features be self funding through park entry fees and park equipment rentals.

O&M expenses will be funded through IEUA's operating revenue, which is supported through service charges and fees.
<table>
<thead>
<tr>
<th>Project Description</th>
<th>Agency/Municipality</th>
<th>Cost</th>
<th>Funding Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Local Recycled Water Laterals Construction</td>
<td>Inland Empire Utilities Agency</td>
<td>$25,000,000</td>
<td>$12,500,000</td>
</tr>
<tr>
<td>Regional Recycling Plant No.5 Expansion</td>
<td>Inland Empire Utilities Agency</td>
<td>$70,000,000</td>
<td>$52,500,000</td>
</tr>
<tr>
<td>Cypress Channel Multipurpose Corridor</td>
<td>Inland Empire Utilities Agency</td>
<td>$7,600,000</td>
<td>$5,700,000</td>
</tr>
<tr>
<td>Chino Creek Multipurpose Corridor</td>
<td>Inland Empire Utilities Agency</td>
<td>$13,900,000</td>
<td>$10,425,000</td>
</tr>
<tr>
<td>Temescal Creek Master Trail and Park Project</td>
<td>Inland Empire Waterkeeper</td>
<td>$3,030,000</td>
<td>$3,000,000</td>
</tr>
<tr>
<td>Tustin Legacy Wells 1, 2, 3, and 4</td>
<td>Irvine Ranch Water District</td>
<td>$17,900,000</td>
<td>$1,000,000</td>
</tr>
<tr>
<td>Syphon Reservoir Expansion</td>
<td>Irvine Ranch Water District (IRWD)</td>
<td>$70,000,000</td>
<td>$17,500,000</td>
</tr>
<tr>
<td>Reservoir Management System at 5 Domestic Water Reservoirs</td>
<td>Irvine Ranch Water District</td>
<td>$2,500,000</td>
<td>$1,250,000</td>
</tr>
<tr>
<td>University of California Irvine Water Use Efficiency Upgrades</td>
<td>Irvine Ranch Water District</td>
<td>$115,000</td>
<td>$34,000</td>
</tr>
</tbody>
</table>

IRWD will provide full O&M funding for the project. Through its rates and charges, IRWD recovers costs from its water retail customers and through its annual operating budget. Each customer is assessed a monthly service fee as part of the water bill. Once construction is completed and is operational, O&M for these facilities will be included in IRWDs Operational budget.
IRWD funding is based on the District’s avoided cost for water and wastewater, and therefore cost effective for the district to continue to offer funding.

<table>
<thead>
<tr>
<th>Project Description</th>
<th>District</th>
<th>Funding</th>
<th>Matching</th>
<th>Cost Share</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction Circle Recycled Water Conversion Project</td>
<td>Irvine Ranch Water District</td>
<td>$1,000,000</td>
<td>$790,000</td>
<td>$210,000</td>
</tr>
<tr>
<td>Commercial, Industrial &amp; Institutional Water Use Efficiencies</td>
<td>Irvine Ranch Water District</td>
<td>$3,880,000</td>
<td>$1,000,000</td>
<td>$880,000</td>
</tr>
<tr>
<td>Syphon Reservoir Integration Project</td>
<td>Irvine Ranch Water District</td>
<td>$6,900,000</td>
<td>$2,000,000</td>
<td>$4,900,000</td>
</tr>
<tr>
<td>Baker Water Treatment Plant Project</td>
<td>Irvine Ranch Water District</td>
<td>$62,000,000</td>
<td>$10,000,000</td>
<td>$52,000,000</td>
</tr>
</tbody>
</table>

IRWD is committed to providing staff support to administer the CII Water Use Efficiency Upgrade Program. The operation and maintenance of all water use efficiency upgrade equipment is explicitly stated in the program agreement as the participating customer’s responsibility. Customers unable to provide adequate evidence that the water savings will be realized are not approved for participation in the program. IRWD will provide full O&M funding for the project. IRWD through its rates and charges recovers costs from its water retail customers for O&M in its annual operating budget. Each customer is assessed a monthly service fee as part of the water bill.

IRWD and partner agencies will provide O&M funding for the life of the project (50 yrs). A formal agreement has been reached among all

IRWD Board of Directors is supportive of funding water use efficiency projects within the commercial, industrial and institutional customer class. Additionally, the IRWD funding is based on the District’s avoided cost for water and wastewater, and therefore cost effective for the district to continue to offer funding.
<p>| Natural Treatment System Facility No. 62 (NTS-62) | Irvine Ranch Water District | $2,460,000 | $440,000 | $1,027,200 | $992,800 | Funding for the proposed project has been secured through Board approval of IRWDs capital budget for FY 2010/11. IRWD will provide full O&amp;M funding for the project. IRWD through its rates and charges recovers costs from its water retail customers for O&amp;M in its annual operating budget. Each customer is assessed a monthly service fee as part of the water bill. In addition, IRWD has been working with the County and Cities for cost-sharing as appropriate. |
| SMART Landscapes | Irvine Ranch Water District | $290,000 | $100,000 | $120,000 | $70,000 | IRWD can provide funding of $0.50 per square foot for turf removal. IRWDs source of funds is derived from conservation revenues and is included in IRWDs annual operating budgets. There is the possibility of additional grant from regional conservation funding through the Municipal Water District of Orange County or Metropolitan Water District of Southern California, but this is not confirmed. The project proposes providing one-time incentives to customers to upgrade landscapes to more water-efficient landscapes by replacing turf with water efficient irrigation and climate appropriate plants. All O&amp;M would be the responsibility of the property owner. |
| Well 53 | Irvine Ranch Water District | $1,700,000 | $400,000 | $1,300,000 | | Funding for the project has been secured through Board approval of IRWDs capital budget for FY 2010/11. IRWD will utilize its capital funds for project construction. IRWD capital funds will provide full O&amp;M funding for the project. IRWD through its rates and charges recovers costs from its water retail customers for O&amp;M in its annual operating budget. Each customer is assessed a monthly service fee as part of the water bill. In addition, IRWD has been working with the County and Cities for cost-sharing as appropriate. |</p>
<table>
<thead>
<tr>
<th>Project Description</th>
<th>Funding Breakdown</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Irvine Ranch Water District Advanced Metering Infrastructure (AMI) Project</td>
<td>$2,125,000 $500,000 $1,275,000 $350,000</td>
<td>Funding for the proposed pilot project has been secured through Board approval of IRWDs capital budget for FY 2010/11. IRWD will provide full O&amp;M funding for the project. The project installs advanced water meters that will assist in improving demand management. IRWD through its rates and charges recovers costs from its water retail customers for O&amp;M in its annual operating budget. Each customer is assessed a monthly service fee as part of the water bill.</td>
</tr>
<tr>
<td>Strand Ranch Water Banking Project Recovery Wells and Conveyance Facilities</td>
<td>$7,353,000 $1,800,000 $5,553,000</td>
<td>The Strand Ranch Water Banking Project Recovery Wells and Conveyance Facilities project is included in the IRWD 2010-11 Capital Budget. IRWD will utilize its capital funds for project construction. IRWDs capital funds are provided by a combination of connection fees and property tax revenues. IRWD will provide full O&amp;M funding for the project. IRWD through its rates and charges recovers costs from its water retail customers for O&amp;M in its annual operating budget. Each customer is assessed a monthly service fee as part of the water bill.</td>
</tr>
<tr>
<td>Natural Treatment System Site 67</td>
<td>$19,700,000 $5,500,000 $8,688,000 $5,512,000</td>
<td>IRWD has a cooperative agreement with Bureau of Reclamation through Title XVI for $5,512,000. IRWD will fund the non-state share through capital funds approved in the IRWD 2010-11 Capital Budget. IRWD will provide full O&amp;M funding for the project. IRWD through its rates and charges recovers costs from its water retail customers for O&amp;M in its annual operating budget. Each customer is assessed a monthly service fee as part of the water bill.</td>
</tr>
</tbody>
</table>
IRWD's capital funds are provided by a combination of connection fees and property tax revenues. Funding for the project has been secured through Board approval of IRWD's capital budget for FY 2010/11. IRWD will utilize its capital funds for project construction. IRWD's capital funds are provided by a combination of connection fees and property tax revenues. O&M costs will be funded by water sales and monthly meter charges.

<table>
<thead>
<tr>
<th>Project Description</th>
<th>District</th>
<th>Total Budget</th>
<th>Capital</th>
<th>O&amp;M</th>
<th>Total O&amp;M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wells 21 and 22 Project</td>
<td>Irvine Ranch Water District</td>
<td>$39,768,000</td>
<td>$10,000,000</td>
<td>$19,826,000</td>
<td>$9,942,000</td>
</tr>
<tr>
<td>Joint Anaheim/IRWD Well Field</td>
<td>Irvine Ranch Water District</td>
<td>$40,000,000</td>
<td>$5,000,000</td>
<td>$35,000,000</td>
<td></td>
</tr>
<tr>
<td>Orange Park Acres Groundwater Supplies and Conveyance Facilities</td>
<td>Irvine Ranch Water District</td>
<td>$25,000,000</td>
<td>$6,250,000</td>
<td>$18,750,000</td>
<td></td>
</tr>
<tr>
<td>Roger B. Teagarden Ion Exchange Treatment Plant [IXP] Expansion</td>
<td>Jurupa Community Services District</td>
<td>$10,200,000</td>
<td>$1,000,000</td>
<td>$9,200,000</td>
<td></td>
</tr>
<tr>
<td>Non-Potable Water Distribution System and Indian Hills Wastewater Treatment Plant Rehabilitation</td>
<td>Jurupa Community Services District</td>
<td>$19,520,000</td>
<td>$1,000,000</td>
<td>$18,520,000</td>
<td></td>
</tr>
<tr>
<td>Eastvale Water Recycling Project</td>
<td>Jurupa Community Services</td>
<td>$28,000,000</td>
<td>$1,000,000</td>
<td>$27,000,000</td>
<td></td>
</tr>
</tbody>
</table>

O&M costs will be funded by water sales and monthly meter charges.
<table>
<thead>
<tr>
<th>Project Description</th>
<th>District</th>
<th>Beginning FY 21</th>
<th>Ending FY 21</th>
<th>Next FY 21</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Potable Water Distribution System and Van Buren Bridge</td>
<td>Jurupa Community Services District</td>
<td>$8,920,000</td>
<td>$1,000,000</td>
<td>$7,920,000</td>
</tr>
<tr>
<td>Recycled Water Pipeline</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>San Jacinto Watershed Nutrient TMDL Pollutant Trading Study</td>
<td>Lake Elsinore and San Jacinto Watersheds Authority</td>
<td>$250,000</td>
<td>$125,000</td>
<td>$125,000</td>
</tr>
<tr>
<td>San Jacinto Urban Runoff Treatment &amp; Control</td>
<td>Lake Elsinore and San Jacinto Watersheds Authority</td>
<td>$250,000</td>
<td>$125,000</td>
<td>$125,000</td>
</tr>
<tr>
<td>Lake Elsinore Water Quality Modeling</td>
<td>Lake Elsinore and San Jacinto Watersheds Authority</td>
<td>$300,000</td>
<td>$150,000</td>
<td>$150,000</td>
</tr>
<tr>
<td>Stormwater Treatment Wetlands for Canyon Lake</td>
<td>Lake Elsinore and San Jacinto Watersheds Authority</td>
<td>$300,000</td>
<td>$150,000</td>
<td>$150,000</td>
</tr>
<tr>
<td>San Jacinto River Riparian Habitat Restoration</td>
<td>Lake Elsinore and San Jacinto Watersheds Authority</td>
<td>$300,000</td>
<td>$150,000</td>
<td>$150,000</td>
</tr>
<tr>
<td>Canyon Lake Dredging Enhancements</td>
<td>Lake Elsinore and San Jacinto Watersheds Authority</td>
<td>$550,000</td>
<td>$275,000</td>
<td>$275,000</td>
</tr>
<tr>
<td>Hypolimnetic Oxygenation System for Canyon Lake</td>
<td>Lake Elsinore and San Jacinto Watersheds Authority</td>
<td>$800,000</td>
<td>$400,000</td>
<td>$400,000</td>
</tr>
<tr>
<td>Canyon Lake Alum/Phoslock Treatment</td>
<td>Lake Elsinore and San Jacinto Watersheds Authority</td>
<td>$1,500,000</td>
<td>$750,000</td>
<td>$750,000</td>
</tr>
<tr>
<td>Lake Elsinore &amp; Canyon Lake Nutrient TMDL Monitoring</td>
<td>Lake Elsinore and San Jacinto Watersheds Authority</td>
<td>$1,500,000</td>
<td>$750,000</td>
<td>$750,000</td>
</tr>
</tbody>
</table>

O&M funding is from fees and sewer rates collected by JCSD.
<table>
<thead>
<tr>
<th>Authority</th>
<th>Description</th>
<th>Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lake Elsinore Fishery Enhancement</td>
<td></td>
<td>$1,700,000 $850,000 $850,000</td>
</tr>
<tr>
<td>Lake Elsinore Alum/Phoslock Treatment</td>
<td></td>
<td>$2,500,000 $1,250,000 $1,250,000</td>
</tr>
<tr>
<td>Colored Water Treatment Facility Technology Replacement and Expansion</td>
<td>Mesa Consolidated Water District</td>
<td>$24,000,000 $2,000,000 $22,000,000</td>
</tr>
<tr>
<td>Second Lower Cross Feeder Project</td>
<td>Municipal Water District of Orange County</td>
<td>$50,000,000 $12,500,000 $37,500,000</td>
</tr>
<tr>
<td>In-Conduit Hydroelectric Project</td>
<td>NLine Energy, Inc.</td>
<td>$950,000 $450,000 $350,000 $150,000</td>
</tr>
<tr>
<td>Restoration of the Lower Santa Ana River Marsh</td>
<td>Orange Coast River Park</td>
<td>$2,260,000 $1,000,000 $250,000 $1,000,000 $10,000</td>
</tr>
<tr>
<td>Huntington Harbor Water Quality Improvement Program</td>
<td>Orange County Coastkeeper</td>
<td>$320,650 $240,150</td>
</tr>
</tbody>
</table>

The Mesa Consolidated Water District Board of Directors has approved a capital budget for project with plan to issue certificate of participation bonds to fund construction. The Mesa Consolidated Board will increase rates as necessary to fund the O&M costs of this water supply project. A portion of the O&M costs will be funded by the Metropolitan Water District of Southern California's Local Resources Program through the Municipal Water District of Orange County through fiscal year ending 2025 and by Orange County Water Districts Water Quality Program indefinitely.

Matching funds will be provided by Orange County Coastkeeper as in kind services. Matching funds will be available when project is funded.
<table>
<thead>
<tr>
<th>Project Name</th>
<th>Organization</th>
<th>Budget 1</th>
<th>Budget 2</th>
<th>Funding Source</th>
<th>O&amp;M Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wintersberg Chanel Source Identification Study</td>
<td>Orange County Coastkeeper</td>
<td>$278,000</td>
<td>$208,500</td>
<td>Funding match will be provided by Orange County Coastkeeper through in kind services. Project funds will be available upon project funding.</td>
<td>No O&amp;M funding is necessary for the project.</td>
</tr>
<tr>
<td>Orange County LID Implementation Project</td>
<td>Orange County Coastkeeper</td>
<td>$420,481</td>
<td>$315,361</td>
<td>Matching funds have been secured. Orange County Coastkeeper will provide the matching funds through in kind services. The funds are available upon project funding.</td>
<td>O&amp;M funding will be provided by the individual property owners that participate in the project.</td>
</tr>
<tr>
<td>Huntington Harbor Copper Reduction Project</td>
<td>Orange County Coastkeeper</td>
<td>$630,000</td>
<td>$472,500</td>
<td>The matching funds will be provided by Orange County Coastkeeper as in kind services. The funds will be available upon project funding.</td>
<td>No O&amp;M funding is necessary for this project.</td>
</tr>
<tr>
<td>Rhine Channel Remediation Project</td>
<td>Orange County Coastkeeper</td>
<td>$4,000,000</td>
<td>$2,000,000</td>
<td>The City of Newport Beach has committed to funding the match for the project. The funding will be available when the project is funded</td>
<td>No O&amp;M funding is necessary. This is a one-time project.</td>
</tr>
<tr>
<td>Central Orange County Trash Reduction Project</td>
<td>Orange County Coastkeeper</td>
<td>$4,000,000</td>
<td>$2,000,000</td>
<td>The matching funds will be provided by Orange County Coastkeeper through in kind services. The funds are available pending project funding.</td>
<td>No O&amp;M funding is necessary. This is a one-time project.</td>
</tr>
<tr>
<td>Santa Ana River Interceptor (SARI) Line Relocation Project</td>
<td>Orange County Flood Control District</td>
<td>$86,000,000</td>
<td>$43,000,000</td>
<td>The Board of Supervisors for the Orange County Flood Control District has approved the financing for the SARI Line Relocation Project. Funds will be obtained from Flood Control funds and loans that have</td>
<td>After completion of construction, the SARI Line will be conveyed to the Orange County Sanitation District for O&amp;M.</td>
</tr>
<tr>
<td>Project Description</td>
<td>Organization</td>
<td>Total Cost</td>
<td>Design Cost</td>
<td>Construction Cost</td>
<td>Operation &amp; Maintenance Cost</td>
</tr>
<tr>
<td>-----------------------------------------------------------------------------------</td>
<td>-------------------------------------------------------------------------------</td>
<td>--------------</td>
<td>-------------</td>
<td>-------------------</td>
<td>-----------------------------</td>
</tr>
<tr>
<td>Recycled Water Reservoir</td>
<td>Orange County Great Park Corporation</td>
<td>$3,500,000</td>
<td>$2,300,000</td>
<td>$1,200,000</td>
<td></td>
</tr>
<tr>
<td>Co-generation Facilities Cooling Water System Modifications and Upgrades Project J-109.</td>
<td>Orange County Sanitation District (OCSD)</td>
<td>$9,094,000</td>
<td>$1,000,000</td>
<td>$8,094,000</td>
<td></td>
</tr>
<tr>
<td>Pharmaceutical Collection Program</td>
<td>Orange County Sanitation District</td>
<td>$185,000</td>
<td>$90,000</td>
<td>$90,000</td>
<td>$5,000</td>
</tr>
<tr>
<td>Sludge Dewatering, Odor Control, and Primary Sludge Thickening at Plant No. 1, Project No. P1-101</td>
<td>Orange County Sanitation District</td>
<td>$100,000,000</td>
<td>$1,000,000</td>
<td>$98,700,000</td>
<td>$300,000</td>
</tr>
</tbody>
</table>
OCSD closely monitors its two-billion Capital Improvement Program through its Project Control Database System which provide project management tools and oversight to individual project phases, i.e. planning, design, construction, including bid process, and essential targets for meeting COPs, and federal grant funding.

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Responsible Agency</th>
<th>O&amp;M Costs 1</th>
<th>O&amp;M Costs 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orange County Regional Stormwater Infiltration Program</td>
<td>Orange County Water District</td>
<td>$2,000,000</td>
<td>$500,000</td>
</tr>
<tr>
<td>Subsurface Recharge</td>
<td>Orange County Water District</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

OCWD pays for the O&M costs of capital projects through the revenue generated by the Replenishment Assessment (RA) payments from groundwater producers. Semiannually, OCWD collects RA from member agencies that pump groundwater from OCWD’s groundwater basin. Every fiscal year, OCWD budgets the O&M costs of each project under the general fund.
<table>
<thead>
<tr>
<th>Project Description</th>
<th>District</th>
<th>O&amp;M Costs</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Santiago Enhanced Recharge</td>
<td>Orange County Water District</td>
<td>$840,000</td>
<td>$210,000</td>
</tr>
<tr>
<td>Recharge Basin Rehabilitation</td>
<td>Orange County Water District</td>
<td>$850,000</td>
<td>$212,500</td>
</tr>
<tr>
<td>South Basin Groundwater Protection Project Interim Remediation</td>
<td>Orange County Water District</td>
<td>$2,800,000</td>
<td>$700,000</td>
</tr>
</tbody>
</table>

OCWD budgets the O&M costs of each project under the general fund.

OCWD maintains a stable revenue stream through its sale of groundwater. OCWD has an annual operating budget of $115 M, with cash reserves currently estimated at $169 M. Historically, the District has funded large capital projects with long-term debt. The District has high credit ratings from Standard & Poor’s and Fitch and Moody’s. These ratings enable the District to access low interest rate debt instruments.

OCWD pays for the O&M costs of any capital project through the revenue generated by the RA payments from OCWD’s member agencies (i.e. groundwater producers). Semiannually, OCWD collects RA from member agencies that pump groundwater from OCWD’s groundwater basin. Every fiscal year, OCWD budgets the O&M costs of each project under the general fund.
<table>
<thead>
<tr>
<th>Project</th>
<th>District</th>
<th>Initial Cost</th>
<th>RA Payments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mid-Basin Injection Demonstration</td>
<td>Orange County Water District</td>
<td>$4,900,000</td>
<td>$1,225,000</td>
</tr>
<tr>
<td>MTBE Interim Remediation</td>
<td>Orange County Water District</td>
<td>$15,000,000</td>
<td>$3,750,000</td>
</tr>
<tr>
<td>Mid-Basin Injection Project</td>
<td>Orange County Water District</td>
<td>$18,000,000</td>
<td>$4,500,000</td>
</tr>
<tr>
<td>Groundwater Replenishment System - Flow Equalization</td>
<td>Orange County Water District</td>
<td>$23,218,000</td>
<td>$5,804,500</td>
</tr>
</tbody>
</table>

The funding of this project is approved and included in the multiple-year debt funded Capital Improvement Program for fiscal years 2010-11 to 2011-12. OCWD maintains a stable revenue stream and has an annual operating budget of $115 M, with cash reserves currently estimated at $169 M. OCWD high credit ratings from Standard & Poor’s and Fitch & Moody’s, and these ratings enable OCWD to access low interest rate debt instruments.

OCWD pays for the O&M costs of any capital project through the revenue generated by the RA payments from OCWD’s member agencies. Semianually, OCWD collects RA from member agencies that pump groundwater from OCWD’s groundwater basin. Every fiscal year, OCWD budgets the O&M costs of each project under the general fund. OCWD fiscal year starts on July 1 and ends on June 30 of the following year.

Once a project is approved, OCWD pays for the O&M costs of any capital project through the revenue generated by the RA payments from OCWD’s member agencies. Semianually, OCWD collects RA from member agencies that pump groundwater from OCWD’s groundwater basin. Every fiscal year, OCWD budgets the O&M costs of each project under the general fund.

OCWD pays for the O&M costs of any capital project through the revenue generated by the RA payments from...
OCWD’s member agencies (i.e. groundwater producers). Semiannually, OCWD collects RA from member agencies that pump groundwater from OCWD’s groundwater basin. Every fiscal year, OCWD budgets the O&M costs of each project under the general fund.

<table>
<thead>
<tr>
<th>Project Description</th>
<th>District</th>
<th>Capital Cost</th>
<th>O&amp;M Cost</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>North Basin Groundwater Protection Project</td>
<td>Orange County Water District</td>
<td>$42,000,000</td>
<td>$10,500,000</td>
<td>OCWD pays for the O&amp;M costs of any capital project through the revenue generated by the RA payments from OCWD’s member agencies (i.e., groundwater producers). Semiannually, OCWD collects RA from member agencies that pump groundwater from OCWD’s groundwater basin. Every fiscal year, OCWD budgets the O&amp;M costs of each project under the general fund.</td>
</tr>
<tr>
<td>Groundwater Replenishment System Expansion</td>
<td>Orange County Water District</td>
<td>$104,000,000</td>
<td>$26,000,000</td>
<td>The funding of this project has been approved by OCWD Board of Directors and is included in the multiple-year debt funded Capital Improvement Program for fiscal year 2010-11. OCWD maintains a stable revenue stream and has an annual operating budget of OCWD pays for the O&amp;M costs of any capital project through the revenue generated by the RA payments from OCWDs member agencies (i.e., groundwater producers). Semiannually, OCWD collects RA from member agencies that pump groundwater from OCWDs groundwater basin. Every fiscal year,</td>
</tr>
<tr>
<td>Five Coves and Lincoln Basins Bypass Pipeline</td>
<td>Orange County Water District</td>
<td>$6,440,000</td>
<td>$1,610,000</td>
<td>OCWD pays for the O&amp;M costs of any capital project through the revenue generated by the RA payments from OCWDs member agencies (i.e., groundwater producers). Semiannually, OCWD collects RA from member agencies that pump groundwater from OCWDs groundwater basin. Every fiscal year,</td>
</tr>
<tr>
<td>Project Description</td>
<td>District</td>
<td>O&amp;M Costs</td>
<td>RA Payments</td>
<td>Costs Funded by</td>
</tr>
<tr>
<td>---------------------------------------------</td>
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<td>-----------</td>
<td>-------------</td>
<td>----------------</td>
</tr>
<tr>
<td>Enhanced Water Conservation at Prado</td>
<td>Orange County Water District</td>
<td>$5,500,000</td>
<td>$1,375,000</td>
<td>$3,125,000</td>
</tr>
<tr>
<td>Sunset Gap Seawater Intrusion</td>
<td>Orange County Water District</td>
<td>$700,000</td>
<td>$175,000</td>
<td>$525,000</td>
</tr>
</tbody>
</table>
District to access low interest rate debt instruments. In June 2010, OCWD approved funding for project construction from reserves.

| Recharge Water Sediment Removal Demonstration Project | Orange County Water District | $1,570,000 | $392,500 | $1,177,500 |
| OCWD pays for the O&M costs of any capital project through the revenue generated by the RA payments from OCWD’s member agencies (i.e., groundwater producers). Semiannually, OCWD collects RA from member agencies that pump groundwater from OCWD’s groundwater basin. Every fiscal year, OCWD budgets the O&M costs of each project under the general fund. OCWD’s fiscal year starts on July 1 and ends on June 30 of the following year. |

<p>| Prado Basin Sediment Management Project | Orange County Water District | $2,500,000 | $625,000 | $1,875,000 |
| OCWD pays for the O&amp;M costs of any capital project through the revenue generated by the RA payments from OCWD’s member agencies (i.e., groundwater producers). Semiannually, OCWD collects RA from member agencies that pump groundwater from OCWD’s groundwater basin. Every fiscal year, OCWD budgets the O&amp;M costs of each project under the general fund. OCWD’s fiscal year starts on July 1 and ends on June 30 of the following year. |</p>
<table>
<thead>
<tr>
<th>Project Name</th>
<th>District</th>
<th>Total Cost</th>
<th>O&amp;M Cost</th>
<th>Estimated Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Santiago Basins Intertie Project</td>
<td>Orange County Water District</td>
<td>$2,800,000</td>
<td>$700,000</td>
<td>$2,100,000</td>
</tr>
<tr>
<td>Santiago Basins Pump Station</td>
<td>Orange County Water District</td>
<td>$3,100,000</td>
<td>$775,000</td>
<td>$2,325,000</td>
</tr>
<tr>
<td>Raymond Basin Enhancement Project</td>
<td>Orange County Water District</td>
<td>$3,600,000</td>
<td>$900,000</td>
<td>$2,700,000</td>
</tr>
</tbody>
</table>

The funding of Santiago Basins Intertie Project has been approved by OCWD Board of Directors and is included in the multiple-year funding of capital improvement program. OCWDs fiscal year starts on July 1 and ends on June 30 of the following year.

OCWD pays for the O&M costs of any capital project through the revenue generated by the RA payments from OCWDs member agencies (i.e., groundwater producers). Semiannually, OCWD collects RA from member agencies that pump groundwater from OCWDs groundwater basin. Every fiscal year, OCWD budgets the O&M costs of each project under the general fund.

The funding of this Project has been approved by OCWD Board of Directors and is included in the multiple-year debt funded capital improvement program for fiscal year 2010-11. OCWD maintains a stable revenue stream and has an annual operating budget of $115 M, with cash reserves currently estimated at $169 M. OCWD has high credit ratings from Standard & Poor’s and Fitch & Moody’s and these ratings enable OCWD to access low interest rate debt instruments.

OCWD pays for the O&M cost of any capital project through the revenue generated by the RA payments from OCWDs member agencies (i.e., groundwater producers). Semiannually, OCWD collects RA from member agencies that pump groundwater from OCWDs groundwater basin. Every fiscal year, OCWD budgets the O&M costs of each project under the general fund. OCWDs fiscal year starts on July 1 and ends on June 30 of the following year.

The funding of Raymond Basin Enhancement Project has been approved by OCWD Board of Directors and is included in the multiple-year funding. OCWD pays for the O&M costs of any capital project through the revenue generated by the RA payments from OCWD member agencies (i.e., groundwater producers). Semiannually, OCWD
<table>
<thead>
<tr>
<th>Project Name</th>
<th>District/Agency</th>
<th>Initial Cost</th>
<th>Annual Cost</th>
<th>O&amp;M Cost</th>
<th>Funding Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Placentia Basin Enhancement Project</td>
<td>Orange County Water District</td>
<td>$3,800,000</td>
<td>$950,000</td>
<td>$2,850,000</td>
<td>The funding of Placentia Basin Enhancement Project has been approved by OCWD Board of Directors and is included in the multiple-year funding of capital improvement program for fiscal years 2010-11 through 2012-13. OCWD pays for the O&amp;M costs of any capital project through the revenue generated by the RA payments from OCWDs member agencies (i.e., groundwater producers). Semiannually, OCWD collects RA from member agencies that pump groundwater from OCWDs groundwater basin. Every fiscal year, OCWD budgets the O&amp;M costs of each project under the general fund.</td>
</tr>
<tr>
<td>Prado Basin Sediment Management Demonstration Project</td>
<td>Orange County Water District</td>
<td>$4,250,000</td>
<td>$1,062,500</td>
<td>$3,187,500</td>
<td>The funding of Prado Basin Sediment Management Demonstration Project has been approved by OCWD Board of Directors and is included in the multiple year funding of the capital improvement program (from fiscal year 2010 to 2012-13). OCWD pays for the O&amp;M costs of any capital improvement project through the revenue generated by the collection of RA from OCWDs member agencies (i.e., groundwater producers). Semiannually, OCWD collects RA from member agencies that pump groundwater from OCWDs groundwater basin. Every fiscal year, OCWD budgets the O&amp;M costs of each project under the general fund. OCWD fiscal year starts on July 1 and ends on June 30 of the following year.</td>
</tr>
<tr>
<td>Project Description</td>
<td>District</td>
<td>O&amp;M Costs</td>
<td>RA Costs</td>
<td>O&amp;M Total</td>
<td></td>
</tr>
<tr>
<td>---------------------</td>
<td>----------</td>
<td>-----------</td>
<td>----------</td>
<td>-----------</td>
<td></td>
</tr>
<tr>
<td>Mira Loma Recharge Basin</td>
<td>Orange County Water District</td>
<td>$6,100,000</td>
<td>$1,525,000</td>
<td>$4,575,000</td>
<td></td>
</tr>
<tr>
<td>Alamitos Barrier Improvement Project</td>
<td>Orange County Water District</td>
<td>$20,000,000</td>
<td>$5,000,000</td>
<td>$15,000,000</td>
<td></td>
</tr>
<tr>
<td>Recharge Water Sediment Removal Project</td>
<td>Orange County Water District</td>
<td>$26,000,000</td>
<td>$6,500,000</td>
<td>$19,500,000</td>
<td></td>
</tr>
</tbody>
</table>

OCWD maintains a stable revenue stream through its sale of groundwater. OCWD has an annual operating budget of $115 M, with cash reserves currently estimated at $169 M. Historically, the District has funded large capital projects with long-term debt. The District has high credit ratings from Standard & Poor’s and Fitch and Moody’s. These ratings enable the District to access low interest rate debt instruments.

OCWD pays for the O&M costs of any capital project through the revenue generated by the RA payments from OCWD’s member agencies (i.e., groundwater producers). Semiannually, OCWD collects RA from member agencies that pump groundwater from OCWD’s groundwater basin. Every fiscal year, OCWD budgets the O&M costs of each project under the general fund.

OCWD pays for the O&M costs of any capital project through the revenue generated by the RA payments from OCWD’s member agencies (i.e., groundwater producers). Semiannually, OCWD collects RA from member agencies that pump groundwater from OCWD’s groundwater basin. Every fiscal year, OCWD budgets the O&M costs of each project under the general fund. OCWDs fiscal year starts on July 1 and ends on June 30 of the following year.

Once a capital has been approved by OCWD Board of Directors, OCWD pays for the O&M costs of any capital project through the revenue generated by the RA payments from OCWD's member agencies.
OCWD’s member agencies (i.e., groundwater producers). Semiannually, OCWD collects RA from member agencies that pump groundwater from OCWD’s groundwater basin. Every fiscal year (from July 1 to June 30), OCWD budgets the O&M costs of each project under the general fund.

<table>
<thead>
<tr>
<th>Project Description</th>
<th>District</th>
<th>O&amp;M Costs</th>
<th>RA Costs</th>
<th>O&amp;M Reserves</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temescal Creek Wetlands</td>
<td>Orange County Water District</td>
<td>$3,000,000</td>
<td>$750,000</td>
<td>$1,500,000</td>
</tr>
<tr>
<td>OCWD pays for the O&amp;M costs of any capital project through the revenue generated by the RA payments from groundwater producers. Semiannually, OCWD collects RA from member agencies that pump groundwater from OCWD’s groundwater basin. Every fiscal year, OCWD budgets the O&amp;M costs of each project under the general fund.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fletcher Basin Rehabilitation</td>
<td>Orange County Water District</td>
<td>$5,000,000</td>
<td>$1,250,000</td>
<td>$3,750,000</td>
</tr>
<tr>
<td>The funding of this project is approved and included in the multiple-year debt funded capital improvement program for fiscal years 2010-11 to 2011-12. OCWD maintains a stable revenue stream through its sale of groundwater. OCWD has an annual operating budget of $115 M, with cash reserves currently estimated at $169 M. OCWD has high credit ratings from Standard &amp; Poor’s and Fitch &amp; Moody’s, and these ratings are used by OCWD to secure favorable interest rates on its debt. OCWD pays for the O&amp;M costs of any capital project through the revenue generated by the RA payments from groundwater producers. Semiannually, OCWD collects RA from member agencies that pump groundwater from OCWD’s groundwater basin. Every fiscal year, OCWD budgets the O&amp;M costs of each project under the general fund. OCWD’s fiscal year starts on July 1 and ends on June 30 of the following year.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Description</td>
<td>District</td>
<td>Budgeted Cost</td>
<td>RA Payments</td>
<td>OA Payments</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>-----------------------------------------------</td>
<td>----------------</td>
<td>--------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Mill Creek Diversion Project</td>
<td>Orange County Water District</td>
<td>$7,000,000</td>
<td>$1,750,000</td>
<td>$3,500,000</td>
</tr>
<tr>
<td>River Road Treatment Wetlands</td>
<td>Orange County Water District</td>
<td>$8,500,000</td>
<td>$2,125,000</td>
<td>$4,250,000</td>
</tr>
<tr>
<td>Chino Creek Wetlands</td>
<td>Orange County Water District</td>
<td>$12,000,000</td>
<td>$3,000,000</td>
<td>$6,000,000</td>
</tr>
</tbody>
</table>

OCWD pays for the O&M costs of capital projects through revenue generated by the RA payments from groundwater producers. Semiannually, OCWD collects RA from member agencies that pump groundwater from OCWD's groundwater basin. Every fiscal year, OCWD budgets the O&M costs of each project under the general fund.
<p>| Groundwater Interception and Conveyance System for Selenium Load Reduction at the Lower Peters Canyon Wash, Orange County, California | Orange County Watersheds Program | $1,250,000 | $500,000 | $750,000 | The matching fund has been secured through a cost-share agreement with all watershed cities and other stakeholders. | The County and funding partners will maintain the project for the foreseeable future through the funding agreement. |
| East Garden Grove–Wintersburg Channel (OCFCD Facility No. C05) from upstream Warner Avenue to downstream Goldenwest Street. | Orange County, Public Works, Flood Control Section, Flood Program | $22,000,000 | $5,500,000 | $16,500,000 | Yes, this project is on the Flood Control Capital Improvement Project Plan which is a list of prioritized projects through a 7-year period. This channel system is OCFCD’s highest priority capital improvement project; when the downstream segments are constructed, this project will advance the tiers towards the budgeted year. If it advances to a budgeted year in mid-fiscal year, funds will be appropriated to construct this project. Funds for flood control capital improvement projects, including O&amp;M are ongoing for this channel system and is budgeted every fiscal year. | Yes. Funds for flood control capital improvement projects, including operation and maintenance come mainly from property taxes and state contributions. O&amp;M is ongoing for this channel system and is budgeted every fiscal year. |
| East Garden Grove–Wintersburg Channel (OCFCD Facility No. C05) from upstream Quartz Street to upstream Bushard Street. | Orange County, Public Works, Flood Control Section, Flood Programs | $15,000,000 | $3,750,000 | $11,250,000 | Yes, this project is on the Flood Control Capital Improvement Project Plan which is a list of prioritized projects through a 7-year period. This channel system is OCFCD’s highest priority capital improvement project; when the downstream segments are constructed, this project will advance the tiers towards the budgeted year. If it advances to a budgeted year in mid-fiscal year, funds will be appropriated to construct this project. Funds for flood control capital improvement projects, including O&amp;M are ongoing for this channel system and is budgeted every fiscal year. | Yes. Funds for flood control capital improvement projects, including O&amp;M come mainly from property taxes and state contributions. O&amp;M is ongoing for this channel system and is budgeted every fiscal year. |</p>
<table>
<thead>
<tr>
<th>Project Description</th>
<th>County</th>
<th>Public Works, Flood Control Section, Flood Programs</th>
<th>Budgeted Year 1</th>
<th>Budgeted Year 2</th>
<th>Budgeted Year 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ocean View Channel (OCFCD Facility No. C06) from upstream of the Confluence with East Garden Grove-Wintersburg Channel (C05) to downstream Beach Boulevard.</td>
<td>Orange County</td>
<td>$2,175,000</td>
<td>$543,750</td>
<td>$1,631,250</td>
<td>Every fiscal year.</td>
</tr>
</tbody>
</table>

Yes, this project is on the Flood Control Capital Improvement Project Plan which is a list of prioritized projects through a 7-year period. This channel system is OCFCD’s highest priority capital improvement project; when the downstream segments are constructed, this project will advance the tiers towards the budgeted year. If it advances to a budgeted year in mid-fiscal year, funds will be appropriated to construct this project. Funds for flood control capital improvement projects.

Yes. Funds for flood control capital improvement projects, including O&M come mainly from property taxes and state contributions. O&M is ongoing for this channel system and is budgeted every fiscal year.
<table>
<thead>
<tr>
<th>Ocean View Channel (OCFCD Facility No. C06) from upstream of Beach Boulevard to downstream of Newland Street.</th>
<th>Orange County, Public Works, Flood Control Section, Flood Programs</th>
<th>$2,570,000</th>
<th>$642,500</th>
<th>$1,927,500</th>
<th>Yes, this project is on the Flood Control Capital Improvement Project Plan which is a list of prioritized projects through a 7-year period. This channel system is OCFCD’s highest priority capital improvement project; when the downstream segments are constructed, this project will advance the tiers towards the budgeted year. If it advances to a budgeted year in mid-fiscal year, funds will be appropriated to construct this project. Funds for flood control capital improvement projects.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ocean View Channel (OCFCD Facility No. C06) from downstream of Bushard Street to downstream of Brookhurst Street.</td>
<td>Orange County, Public Works, Flood Control Section, Flood Programs</td>
<td>$5,600,000</td>
<td>$1,400,000</td>
<td>$4,200,000</td>
<td>Yes, this project is on the Flood Control Capital Improvement Project Plan which is a list of prioritized projects through a 7-year period. This channel system is OCFCD’s highest priority capital improvement project; when the downstream segments are constructed, this project will advance the tiers towards the budgeted year. If it advances to a budgeted year in mid-fiscal year, funds will be appropriated to construct this project. Funds for flood control capital improvement projects.</td>
</tr>
<tr>
<td>Yes. Funds for flood control capital improvement projects, including O&amp;M come mainly from property taxes and state contributions. O&amp;M is ongoing for this channel system and is budgeted every fiscal year.</td>
<td>Yes. Funds for flood control capital improvement projects, including O&amp;M come mainly from property taxes and state contributions. O&amp;M is ongoing for this channel system and is budgeted every fiscal year.</td>
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</tbody>
</table>

Yes. Funds for flood control capital improvement projects, including O&M come mainly from property taxes and state contributions. O&M is ongoing for this channel system and is budgeted every fiscal year.
<table>
<thead>
<tr>
<th>Project Description</th>
<th>Agency</th>
<th>Estimated Cost</th>
<th>Estimated Capital Improvements</th>
<th>Estimated O&amp;M</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Creek Channel (OCFCD Facility No. B01) from upstream Beach Boulevard to upstream Dale Street.</td>
<td>Orange County, Public Works, Flood Control Section, Flood Programs</td>
<td>$7,000,000</td>
<td>$1,750,000</td>
<td>$5,250,000</td>
<td>Yes, this project is on the Flood Control Capital Improvement Project Plan which is a list of prioritized projects through a 7-year period. This channel system is one of OCFCD’s highest priority capital improvement projects; when the downstream segments are constructed, this project will advance the tiers towards the budgeted year. If it advances to a budgeted year in mid-fiscal year, funds will be appropriated to construct this project. Funds for flood control capital improvement projects.</td>
</tr>
<tr>
<td>Carbon Creek Channel (OCFCD Facility No. B01) from upstream Orange to upstream Beach Boulevard.</td>
<td>Orange County, Public Works, Flood Control Section, Flood Programs</td>
<td>$7,500,000</td>
<td>$1,875,000</td>
<td>$5,625,000</td>
<td>Yes. Funds for flood control capital improvement projects, including O&amp;M come mainly from property taxes and state contributions. O&amp;M is ongoing for this channel system and is budgeted every fiscal year.</td>
</tr>
<tr>
<td>Project Details</td>
<td>Budget 2023</td>
<td>Budget 2024</td>
<td>Budget 2025</td>
<td>Notes</td>
<td></td>
</tr>
<tr>
<td>-------------------------------------------------------------------------------</td>
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<td>---------------------------------------------------------------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Brea Creek Channel (OCFCD Facility No. A02) at Beach Boulevard.</td>
<td>$8,400,000</td>
<td>$2,100,000</td>
<td>$6,300,000</td>
<td>Yes, this project is on the Flood Control Capital Improvement Project Plan which is a list of prioritized projects through a 7-year period. This channel segment flows underneath Beach Boulevard, SR-39 which is owned and operated by Caltrans. We have cooperated with Caltrans in the design and await funding from the state for this project. Funds for flood control capital improvement projects, including O&amp;M come mainly from property taxes and state contributions.</td>
<td>Yes. Funds for flood control capital improvement projects, including O&amp;M come mainly from property taxes and state contributions. O&amp;M is ongoing for this channel system and is budgeted every fiscal year.</td>
</tr>
<tr>
<td>Fullerton Creek Channel (OCFCD Facility No. A03) from downstream Beach Blvd. including undercrossing to downstream I-5 Freeway.</td>
<td>$8,400,000</td>
<td>$2,100,000</td>
<td>$6,300,000</td>
<td>Yes, this project is on the Flood Control Capital Improvement Project Plan which is a list of prioritized projects through a 7-year period. This channel system is one of OCFCD’s highest priority capital improvement projects; when the downstream segments are constructed, this</td>
<td>Yes. Funds for flood control capital improvement projects, including O&amp;M come mainly from property taxes and state contributions. O&amp;M is ongoing for this channel system and is budgeted every fiscal year.</td>
</tr>
<tr>
<td>Project Description</td>
<td>Funding Information</td>
<td>Status</td>
<td>Notes</td>
<td></td>
<td></td>
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<tr>
<td>---------------------</td>
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</tr>
<tr>
<td>Carbon Creek Channel (OCFCD Facility No. B01) from downstream Western Avenue to upstream Orange (including both under crossings).</td>
<td>Orange County, Public Works, Flood Control Section, Flood Programs</td>
<td>$9,100,000</td>
<td>$2,275,000</td>
<td>$6,825,000</td>
<td>Yes, this project is on the Flood Control Capital Improvement Project Plan which is a list of prioritized projects through a 7-year period. This channel system is one of OCFCD’s highest priority capital improvement projects; when the downstream segments are constructed, this project will advance the tiers towards the budgeted year. If it advances to a budgeted year in mid-fiscal year, funds will be appropriated to construct this project. Funds for flood control capital improvement projects.</td>
</tr>
<tr>
<td>East Garden Grove-Wintersburg Channel (OCFCD Facility No. C05) from upstream Beach Boulevard to downstream Woodruff Street.</td>
<td>Orange County, Public Works, Flood Control Section, Flood Programs</td>
<td>$9,600,000</td>
<td>$2,400,000</td>
<td>$7,200,000</td>
<td>Yes, this project is on the Flood Control Capital Improvement Project Plan which is a list of prioritized projects through a 7-year period. This channel system is OCFCD’s highest priority capital improvement project; when the downstream segments are constructed, this project will advance the tiers towards the budgeted year. If it advances to a budgeted year in mid-fiscal year, funds will be appropriated to construct this project. Funds for flood control capital improvement projects.</td>
</tr>
<tr>
<td>Fullerton Creek Channel (OCFCD Facility No. A03) from downstream Western Ave to downstream Beach Blvd.</td>
<td>Orange County, Public Works, Flood Control Section, Flood Programs</td>
<td>$9,800,000</td>
<td>$2,450,000</td>
<td>$7,350,000</td>
<td>downstream segments are constructed, this project will advance the tiers towards the budgeted year. If it advances to a budgeted year in mid-fiscal year, funds will be appropriated to construct this project. Funds for flood control capital improvement projects. Yes, this project is on the Flood Control Capital Improvement Project Plan which is a list of prioritized projects through a 7-year period. This channel system is one of OCFCD's highest priority capital improvement projects; when the downstream segments are constructed, this project will advance the tiers towards the budgeted year. If it advances to a budgeted year in mid-fiscal year, funds will be appropriated to construct this project. Funds for flood control capital improvement projects. Yes. Funds for flood control capital improvement projects, including O&amp;M come mainly from property taxes and state contributions. O&amp;M is ongoing for this channel system and is budgeted every fiscal year.</td>
</tr>
<tr>
<td>Peters Canyon Channel (OCFCD Facility No. F06) from Confluence with San Juan Creek Channel (F05) to downstream Barranca parkway.</td>
<td>Orange County, Public Works, Flood Control Section, Flood Programs</td>
<td>$9,800,000</td>
<td>$2,450,000</td>
<td>$7,350,000</td>
<td>Yes, this project is on the Flood Control Capital Improvement Project Plan which is a list of prioritized projects through a 7-year period. This channel system is one of OCFCD’s highest priority capital improvement projects. Yes this project is on the Flood Control Capital Improvement Project Plan which is a list of prioritized projects through a 7-year period. This channel system is one of OCFCD’s highest priority capital improvement projects. Yes. Funds for flood control capital improvement projects, including O&amp;M come mainly from property taxes and state contributions. O&amp;M is ongoing for this channel system and is budgeted every fiscal year.</td>
</tr>
</tbody>
</table>
priorities; it is the last segment of the channel system to be constructed. Funds for flood control capital improvement projects, including operation and maintenance come mainly from property taxes and state contributions; this project is listed on the third tier from being budgeted.

<table>
<thead>
<tr>
<th>Project Description</th>
<th>District</th>
<th>Current Year</th>
<th>Next Year</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Newland Storm Channel (OCFCD Facility No. C05S01) from Confluence with C05 channel to downstream McFadden Avenue</td>
<td>Orange County, Public Works, Flood Control Section, Flood Programs</td>
<td>$10,000,000</td>
<td>$2,500,000</td>
<td>$7,500,000</td>
</tr>
<tr>
<td>Yes, this project is on the Flood Control Capital Improvement Project Plan which is a list of prioritized projects through a 7-year period. This channel system is one of OCFCD’s highest priority capital improvement project; when the downstream segments are constructed, this project will advance the tiers towards the budgeted year. If it advances to a budgeted year in mid-fiscal year, funds will be appropriated to construct this project.</td>
<td>Yes, Funds for flood control capital improvement projects, including O&amp;M come mainly from property taxes and state contributions. O&amp;M is ongoing for this channel system and is budgeted every fiscal year.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Newland Storm Channel (OCFCD Facility No. C05S01) from downstream McFadden Avenue to downstream Bolsa Avenue</td>
<td>Orange County, Public Works, Flood Control Section, Flood Programs</td>
<td>$10,000,000</td>
<td>$2,500,000</td>
<td>$7,500,000</td>
</tr>
<tr>
<td>Yes, this project is on the Flood Control Capital Improvement Project Plan which is a list of prioritized projects through a 7-year period. This channel system is one of OCFCD’s highest priority capital improvement project; when the</td>
<td>Yes, Funds for flood control capital improvement projects, including O&amp;M come mainly from property taxes and state contributions. O&amp;M is ongoing for this channel system and is budgeted every fiscal year.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Description</td>
<td>Funding Information</td>
<td>Notes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------------------------------------------------------------------------</td>
<td>-------------------------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>East Garden Grove-Wintersburg Channel (OCFCD Facility No. C05)</strong> from upstream Ocean view Channel (C06) Confluence to downstream Beach Boulevard.</td>
<td>$11,000,000 $2,750,000 $8,250,000</td>
<td>downstream segments are constructed, this project will advance the tiers towards the budgeted year. If it advances to a budgeted year in mid-fiscal year, funds will be appropriated to construct this project.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Yes</strong>, this project is on the Flood Control Capital Improvement Project Plan which is a list of prioritized projects through a 7-year period. This channel system is OCFCD’s highest priority capital improvement project; when the downstream segments are constructed, this project will advance the tiers towards the budgeted year. If it advances to a budgeted year in mid-fiscal year, funds will be appropriated to construct this project.</td>
<td>Yes, Funds for flood control capital improvement projects, including O&amp;M come mainly from property taxes and state contributions. O&amp;M is ongoing for this channel system and is budgeted every fiscal year.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>East Garden Grove-Wintersburg Channel (OCFCD Facility No. C05)</strong> from upstream Bushard Street to upstream the intersection of McFadden Street/Brookhurst Street.</td>
<td>$11,000,000 $2,750,000 $8,250,000</td>
<td>Yes, this project is on the Flood Control Capital Improvement Project Plan which is a list of prioritized projects through a 7-year period. This channel system is OCFCD’s highest priority capital improvement project; when the downstream segments are constructed, this project will advance the tiers towards the budgeted year. If it advances to a budgeted year in mid-fiscal year, funds will be appropriated to construct this project.</td>
<td>Yes, Funds for flood control capital improvement projects, including O&amp;M come mainly from property taxes and state contributions. O&amp;M is ongoing for this channel system and is budgeted every fiscal year.</td>
<td></td>
</tr>
<tr>
<td>Project Description</td>
<td>Department</td>
<td>Budgeted Amount</td>
<td>O&amp;M Budgeted Amount</td>
<td>Amount Available</td>
</tr>
<tr>
<td>---------------------</td>
<td>------------</td>
<td>----------------</td>
<td>--------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>Santa Ana Gardens Channel (OCFCD Facility No. F02) from downstream Alton to Segerstrom.</td>
<td>Orange County, Public Works, Flood Control Section, Flood Programs</td>
<td>$11,200,000</td>
<td>$2,800,000</td>
<td>$8,400,000</td>
</tr>
<tr>
<td>Santa Ana-Delhi Channel (OCFCD Facility No. F01) from Upper Newport Back Bay to downstream of Mesa Drive.</td>
<td>Orange County, Public Works, Flood Control Section, Flood Programs</td>
<td>$12,350,000</td>
<td>$3,087,500</td>
<td>$9,262,500</td>
</tr>
</tbody>
</table>

Yes. Funds for flood control capital improvement projects, including O&M come mainly from property taxes and state contributions. O&M is ongoing for this channel system and is budgeted every fiscal year.
<table>
<thead>
<tr>
<th>Project Description</th>
<th>County, Public Works, Flood Control Section, Flood Programs</th>
<th>Construction Cost</th>
<th>O&amp;M</th>
<th>Capital Cost</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>East Garden Grove-Wintersburg Channel (OCFCD Facility No. C05) from 300-feet downstream the intersection of Haster Street/Lampson Avenue to 800-feet upstream.</td>
<td>Orange County, Public Works, Flood Control Section, Flood Programs</td>
<td>$14,560,000</td>
<td>$3,640,000</td>
<td>$10,920,000</td>
<td>Yes, this project is on the Flood Control Capital Improvement Project Plan which is a list of prioritized projects through a 7-year period. This channel system is OCFCD’s highest priority capital improvement project; when the downstream segments are constructed, this project will advance the tiers towards the budgeted year. If it advances to a budgeted year in mid-fiscal year, funds will be appropriated to construct this project. Funds for flood control capital improvement projects, including O&amp;M come mainly from property taxes and state contributions. O&amp;M is ongoing for this channel system and is budgeted every fiscal year.</td>
</tr>
<tr>
<td>Lane Channel (OCFCD Facility No. F08) from Von Karman to 1000’ downstream Redhill Avenue</td>
<td>Orange County, Public Works, Flood Control Section, Flood Programs</td>
<td>$15,000,000</td>
<td>$3,750,000</td>
<td>$11,250,000</td>
<td>Yes this project is on the Flood Control Capital Improvement Project Plan which is a list of prioritized projects through a 7-year period. This channel system is one of OCFCD’s highest priorities; it is the last segment of the channel system to be constructed. Funds for flood control capital improvement projects, including operation and maintenance come mainly from property taxes and state contributions. O&amp;M is ongoing for this channel system and is budgeted every fiscal year.</td>
</tr>
<tr>
<td>Project Description</td>
<td>Budget</td>
<td>O&amp;M</td>
<td>Total</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------------------------------------------------------------------------</td>
<td>--------</td>
<td>-----</td>
<td>-------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lane Channel (OCFCD Facility No. F08) from Confluence with F05 channel to Von Karman</td>
<td>$15,500,000</td>
<td>$3,875,000</td>
<td>$11,625,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Orange County, Public Works, Flood Control Section, Flood Programs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes this project is on the Flood Control Capital Improvement Project Plan which is a list of prioritized projects through a 7-year period. This channel system is one of OCFCD’s highest priorities; it is the last segment of the channel system to be constructed. Funds for flood control capital improvement projects, including operation and maintenance come mainly from property taxes and state contributions; this project is listed on the third tier from being budgeted.</td>
<td></td>
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</tr>
</tbody>
</table>

| Peters Canyon Channel (OCFCD Facility No. F06) from Barranca Parkway to Warner Avenue. | $16,800,000 | $4,200,000 | $12,600,000 |
| Orange County, Public Works, Flood Control Section, Flood Programs                |        |     |       |
| Yes this project is on the Flood Control Capital Improvement Project Plan which is a list of prioritized projects through a 7-year period. This channel system is one of OCFCD’s highest priorities; it is the last segment of the channel system to be constructed. Funds for flood control capital improvement projects, including operation and maintenance come mainly from property taxes and state contributions; this project is listed on the third tier from being budgeted. |        |     |       |

Yes. Funds for flood control capital improvement projects, including O&M come mainly from property taxes and state contributions. O&M is ongoing for this channel system and is budgeted every fiscal year.
| Westminster Channel (OCFCD Facility No. C04) from downstream Bolsa Chica Street to upstream the intersection of Springdale Street and Edinger Avenue. | Orange County, Public Works, Flood Control Section, Flood Programs | $16,900,000 | $4,225,000 | $12,675,000 | Yes, this project is on the Flood Control Capital Improvement Project Plan which is a list of prioritized projects through a 7-year period. This channel system is a high priority; it overflows into the largest Special Flood Hazard Area in Orange County, the East Garden Grove-Wintersburg Channel. Funds for flood control capital improvement projects, including O&M come mainly from property taxes and state contributions. O&M is ongoing for this channel system and is budgeted every fiscal year. |
| Carbon Creek Channel (OCFCD Facility No. B01) from upstream Gilbert Street to downstream I-5 Freeway including B01P01 & B01B02 | Orange County, Public Works, Flood Control Section, Flood Programs | $20,000,000 | $5,000,000 | $15,000,000 | Yes, this project is on the Flood Control Capital Improvement Project Plan which is a list of prioritized projects through a 7-year period. This channel system is one of OCFCD’s highest priority capital improvement projects; when the downstream segments are constructed, this project will advance the tiers towards the budgeted year. If it advances to a budgeted year in... |
mid-fiscal year, funds will be appropriated to construct this project. Funds for flood control capital improvement projects.

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Cost Breakdown</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Westminster Channel (OCFCD Facility No. C04) from upstream the intersection of Springdale Street and Edinger Avenue to downstream Bolsa Avenue.</td>
<td>$21,000,000, $5,250,000, $15,750,000</td>
<td>Yes this project is on the Flood Control Capital Improvement Project Plan which is a list of prioritized projects through a 7-year period. This channel system is a high priority; it overflows into the largest Special Flood Hazard Area in Orange County, the East Garden Grove-Wintersburg Channel. Funds for flood control capital improvement projects, including O&amp;M come mainly from property taxes and state contributions. O&amp;M is ongoing for this channel system and is budgeted every fiscal year.</td>
</tr>
<tr>
<td>Santa Ana-Santa Fe Channel (OCFCD Facility No. F10) from confluence with Peters Canyon Channel to downstream Redhill Avenue.</td>
<td>$21,000,000, $5,250,000, $15,750,000</td>
<td>Yes this project is on the Flood Control Capital Improvement Project Plan which is a list of prioritized projects through a 7-year period. This channel system is one of OCFCD’s highest priorities; it is the last segment of the channel system to be constructed. Funds for flood control capital improvement projects, including O&amp;M come mainly from property taxes and state contributions; this</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Yes. Funds for flood control capital improvement projects, including O&amp;M come mainly from property taxes and state contributions. O&amp;M is ongoing for this channel system and is budgeted every fiscal year.</td>
</tr>
<tr>
<td>Project Description</td>
<td>Budgeted</td>
<td>Remaining</td>
</tr>
<tr>
<td>---------------------</td>
<td>----------</td>
<td>-----------</td>
</tr>
<tr>
<td>Haster Retarding Basin and Pump Station (OCFCD Facility No. C05B02/C05PS1)</td>
<td>$27,119,078</td>
<td>$6,779,770</td>
</tr>
<tr>
<td>East Garden Grove-Wintersburg Channel (OCFCD Facility No. C05) from Tidegates to upstream Warner Avenue.</td>
<td>$44,000,000</td>
<td>$11,000,000</td>
</tr>
</tbody>
</table>

Yes, this project is listed on the third tier from being budgeted.

Yes, this project is on the Flood Control Capital Improvement Project Plan which is a list of prioritized projects through a 7-year period. This channel system is OCFCD’s highest priority capital improvement project; when the downstream segments are constructed, this project will advance the tiers towards the budgeted year. If it advances to a budgeted year in mid-fiscal year, funds will be appropriated to construct this project. Funds for flood control capital improvement projects are ongoing for this channel system and is budgeted every fiscal year.

Yes. Funds for flood control capital improvement projects, including O&M come mainly from property taxes and state contributions. O&M is ongoing for this channel system and is budgeted every fiscal year.

Yes. Funds for flood control capital improvement projects, including O&M come mainly from property taxes and state contributions. This project has been budgeted for this fiscal year and will continue to be budgeted in next fiscal year if necessary. This is OCFCD’s highest priority capital improvement project.
<table>
<thead>
<tr>
<th>Project Description</th>
<th>District</th>
<th>O&amp;M Funding</th>
<th>Project Funding</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lake Mathews Watershed Master Water Quality Improvement Project Phase II</td>
<td>Riverside County Flood Control &amp; Water Conservation District</td>
<td>$8,000,000</td>
<td>$6,000,000</td>
<td>$2,000,000</td>
</tr>
<tr>
<td>San Jacinto River Gap Project</td>
<td>Riverside County Flood Control &amp; Water Conservation District</td>
<td>$40,000,000</td>
<td>$30,000,000</td>
<td>$6,000,000</td>
</tr>
<tr>
<td>Well 17 &amp; 18 Water Treatment Facility</td>
<td>Rubidoux Community Services District</td>
<td>$5,000,000</td>
<td>$5,000,000</td>
<td></td>
</tr>
<tr>
<td>Goldenwest 6 MG Tank</td>
<td>Rubidoux Community Services District</td>
<td>$4,750,000</td>
<td>$4,750,000</td>
<td>The project will have minimal initial impact to the RCSD O&amp;M budget.</td>
</tr>
<tr>
<td>24” Mission Blvd Pipeline (Carrera to Goldenwest Tank)</td>
<td>Rubidoux Community Services District</td>
<td>$1,500,000</td>
<td>$1,500,000</td>
<td>Proposed project will have minimal impact on existing O&amp;M costs.</td>
</tr>
<tr>
<td>Rubidoux Community Services District Emergency Interconnections</td>
<td>Rubidoux Community Services District</td>
<td>$2,000,000</td>
<td>$2,000,000</td>
<td>Proposed project will have minimal impact on existing O&amp;M costs.</td>
</tr>
<tr>
<td>Septic System Source Water Elimination Water Source Protection Project</td>
<td>Rubidoux Community Services District</td>
<td>$3,000,000</td>
<td>$3,000,000</td>
<td>Potential adjustment to user fees to cover the costs of O&amp;M for this project.</td>
</tr>
<tr>
<td>Pacific Avenue 16” and 12” Water Pipeline</td>
<td>Rubidoux Community Services District</td>
<td>$1,000,000</td>
<td>$1,000,000</td>
<td>The proposed project will have minimal impact on existing O&amp;M costs.</td>
</tr>
<tr>
<td>A Shared Workspace is the Foundation for Collaborative Watershed</td>
<td>S4S Solutions Inc.</td>
<td>$80,000</td>
<td>$60,000</td>
<td>$20,000</td>
</tr>
</tbody>
</table>

$1.3 M has been secured among the 3 project partners. This project is shown in current budgets. O&M funding will be provided by MWD and the RCFC&WCD. Maintenance is provided by agencies with stable funding sources.

O&M will be provided by the Lead Agency in perpetuity. This funding is certain.

Potential adjustment to user fees to cover the costs of O&M for this project.

The project will have minimal initial impact to the RCSD O&M budget.

Proposed project will have minimal impact on existing O&M costs.

Proposed project will have minimal impact on existing O&M costs.

Potential adjustment to user fees to cover the costs of O&M for this project.

The proposed project will have minimal impact on existing O&M costs.
<table>
<thead>
<tr>
<th>Project Description</th>
<th>District</th>
<th>Budget Information</th>
<th>O&amp;M Funding Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cactus Basins No. 4 and No. 5</td>
<td>San Bernardino County Flood Control District</td>
<td>$21,600,000</td>
<td>The project is located in the Flood Control Districts Zone 2. As such, the project will receive perpetual O&amp;M funding through the zones budget by various means of revenue such as property taxes, interests, and various fees. District staff has discretion as to how the budget is appropriated and can make adjustments to ensure that all existing facilities within the zone are properly maintained and operated.</td>
</tr>
<tr>
<td>Mission Zanja Creek Feasibility Study</td>
<td>San Bernardino County Flood Control District</td>
<td>$1,000,000</td>
<td>The project is located in the Flood Control Districts Zone 3. As such, the project will receive perpetual O&amp;M funding through the zones budget by various means of revenue such as property taxes, interests, and various fees. District staff has discretion as to how the budget is appropriated and can make adjustments to ensure that all existing facilities within the zone are properly maintained and operated.</td>
</tr>
<tr>
<td>Cable Creek Basin and Spreading Grounds</td>
<td>San Bernardino County Flood Control District</td>
<td>$1,000,000</td>
<td>The project is located in the Flood Control Districts Zone 2. As such, the project will receive perpetual O&amp;M funding through the zones budget by various means of revenue such as property taxes, interests, and various fees. District staff has discretion as to how the budget is appropriated and can make adjustments to ensure that all existing facilities within the zone are properly maintained and operated.</td>
</tr>
</tbody>
</table>
and various fees. District staff has discretion as to how the budget is appropriated and can make adjustments to ensure that all existing facilities within the zone are properly maintained and operated.

<table>
<thead>
<tr>
<th>Basin Description</th>
<th>San Bernardino County Flood Control District</th>
<th>O&amp;M Funding</th>
<th>Operating Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lytle Cajon Basin</td>
<td>$1,000,000</td>
<td>$250,000</td>
<td>$750,000</td>
</tr>
<tr>
<td>Etiwanda/San Sevaine Basins 1 through 4</td>
<td>$4,000,000</td>
<td>$1,000,000</td>
<td>$3,000,000</td>
</tr>
</tbody>
</table>

The project is located in the Flood Control District Zone 2. As such, the project will receive perpetual O&M funding through the zones budget by various means of revenue such as property taxes, interests, and various fees. District staff has discretion as to how the budget is appropriated and can make adjustments to ensure that all existing facilities within the zone are properly maintained and operated.

The project is located in Flood Control District Zone 1. As such, the project will receive perpetual O&M funding through the zones budget by various means of revenue such as property taxes, interests, and various fees. District staff has discretion as to how the budget is appropriated and can make adjustments to ensure that all existing facilities within the zone are properly maintained and operated.
<table>
<thead>
<tr>
<th>Project Description</th>
<th>District</th>
<th>Budget Breakdown</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>West Fontana Basin</td>
<td>San Bernardino County Flood Control District</td>
<td>$10,000,000</td>
<td>$2,000,000</td>
</tr>
<tr>
<td>Cactus Basins No. 3 and No. 3A</td>
<td>San Bernardino County Flood Control District</td>
<td>$10,000,000</td>
<td>$1,000,000</td>
</tr>
<tr>
<td>Seven Oaks Dam and Reservoir Construction Area</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>$31,322,347</td>
<td>$23,491,760</td>
</tr>
<tr>
<td>DWR Pump Station Alternative 2</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>$23,000,000</td>
<td>$17,475,000</td>
</tr>
</tbody>
</table>

The project is located in the Flood Control Districts Second Zone. As such, the project will receive perpetual O&M funding through the zones budget by various means of revenue such as property taxes, interests, and various fees. District staff has discretion as to how the budget is appropriated and can make adjustments to ensure that all existing facilities within the zone are properly maintained and operated.

Funding will be provided by SBVMWD.

Annual maintenance cost estimated at $2,951,309.
<table>
<thead>
<tr>
<th>Project Description</th>
<th>District</th>
<th>Cost 1</th>
<th>Cost 2</th>
<th>Cost 3</th>
<th>Funding Source</th>
<th>Maintenance Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>DWR Pump Station Alternative 1</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>$23,000,000</td>
<td>$17,475,000</td>
<td>$5,525,000</td>
<td>Funding will be provided by SBVMWD.</td>
<td></td>
</tr>
<tr>
<td>Surface Water Treatment Plant(s)</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>$70,000,000</td>
<td>$52,500,000</td>
<td>$17,500,000</td>
<td>Funding will be provided by SBVMWD.</td>
<td>Annual maintenance cost estimated at $1,900,000.</td>
</tr>
<tr>
<td>Active Recharge Project in the Tributaries of the Santa Ana River</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>TBD. Conceptual Design Phase.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>West End Pump Station</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>$10,000,000</td>
<td>$7,500,000</td>
<td>$2,500,000</td>
<td>Funding will be provided by SBVMWD.</td>
<td>Annual maintenance cost estimated at $872,000.</td>
</tr>
<tr>
<td>Lytle Creek Turnout</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>$2,300,000</td>
<td>$1,725,000</td>
<td>$575,000</td>
<td>Provided by SBVMWD.</td>
<td>Annual maintenance cost estimated at $362,752.</td>
</tr>
<tr>
<td>Orange Street Connector Pipeline</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>$4,900,000</td>
<td>$3,675,500</td>
<td>$1,225,000</td>
<td>Funding will be provided by SBVMWD.</td>
<td>Annual maintenance cost estimated at $427,280.</td>
</tr>
<tr>
<td>Santa Ana River Construction Area</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>$41,061,082</td>
<td>$30,795,812</td>
<td>$10,265,270</td>
<td>Funding will be provided by SBVMWD.</td>
<td>Annual maintenance cost estimated at $4,010,600.</td>
</tr>
<tr>
<td>Baseline Feeder West Extension</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>$30,300,000</td>
<td>$22,725,000</td>
<td>$7,575,000</td>
<td>Funding will be provided by SBVMWD.</td>
<td></td>
</tr>
<tr>
<td>City Creek Crossing</td>
<td>San Bernardino</td>
<td>$5,200,000</td>
<td>$3,900,000</td>
<td>$1,300,000</td>
<td>Funding will be provided by</td>
<td>Annual maintenance cost estimated at $453,440.</td>
</tr>
<tr>
<td>Project Description</td>
<td>District</td>
<td>Initial Cost</td>
<td>Total Cost</td>
<td>Savings</td>
<td>Funding Source</td>
<td>Description</td>
</tr>
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</tr>
<tr>
<td>Model Institutional Water Conservation Makeover</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>$345,000</td>
<td>$258,750</td>
<td>$86,250</td>
<td>SBVMWD.</td>
<td>A variety of grant, rebate, and public funds available for this purpose will be utilized. Additional funding will be provided by SBVMWD. In-kind assistance from CSUSB faculty and students will be donated in-kind.</td>
</tr>
<tr>
<td>Yucaipa Lakes Pipeline Replacement</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>$760,000</td>
<td>$570,000</td>
<td>$190,000</td>
<td>SBVMWD.</td>
<td>Funding will be provided by SBVMWD. Annual maintenance cost estimated at $66,272.</td>
</tr>
<tr>
<td>Mentone Pipeline</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>$1,090,000</td>
<td>$817,500</td>
<td>$272,500</td>
<td>SBVMWD.</td>
<td>Funding will be provided by SBVMWD. Estimated to be $95,048 (assuming project life of 20 years).</td>
</tr>
<tr>
<td>Devil Canyon Construction Area</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>$1,720,000</td>
<td>$1,290,000</td>
<td>$430,000</td>
<td>SBVMWD.</td>
<td>Funding will be provided by SBVMWD. Annual maintenance cost estimated at $157,984.</td>
</tr>
<tr>
<td>Redlands Reservoir</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>$1,800,000</td>
<td>$1,350,000</td>
<td>$450,000</td>
<td>SBVMWD.</td>
<td>Funding will be provided by SBVMWD. Annual maintenance cost estimated at $156,960.</td>
</tr>
<tr>
<td>Glen Helen Turnout</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>$1,860,000</td>
<td>$1,395,000</td>
<td>$465,000</td>
<td>SBVMWD.</td>
<td>Funding provided by SBVMWD. Annual maintenance cost estimated at $362,752.</td>
</tr>
<tr>
<td>San Bernardino Pump Station #1</td>
<td>San Bernardino Valley Municipal</td>
<td>$2,900,000</td>
<td>$2,175,000</td>
<td>$725,000</td>
<td>SBVMWD.</td>
<td>Funding will be provided by SBVMWD. Annual maintenance cost estimated at $362,752.</td>
</tr>
<tr>
<td>Project Description</td>
<td>Water District</td>
<td>Initial Funding</td>
<td>Current Funding</td>
<td>Reserves</td>
<td>Funding Source</td>
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</tr>
<tr>
<td>Baseline Feeder Pump Station (East and/or West Alternative)</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>$3,100,000</td>
<td>$2,325,000</td>
<td>$775,000</td>
<td>Funding will be provided by SBVMWD.</td>
<td></td>
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<tr>
<td>Yucaipa Connector</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>$4,500,000</td>
<td>$3,375,000</td>
<td>$1,125,000</td>
<td>Funding will be provided by SBVMWD.</td>
<td></td>
</tr>
<tr>
<td>Annual maintenance cost estimated at $392,400.</td>
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<tr>
<td>Alabama Street Well Field</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>$4,500,000</td>
<td>$3,375,000</td>
<td>$1,125,000</td>
<td>Funding will be provided by SBVMWD.</td>
<td></td>
</tr>
<tr>
<td>Annual maintenance cost estimated at $392,400.</td>
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<tr>
<td>San Bernardino Reservoir</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>$4,500,000</td>
<td>$3,375,000</td>
<td>$1,125,000</td>
<td>Funding will be provided by SBVMWD.</td>
<td></td>
</tr>
<tr>
<td>Baseline Feeder Well Replacement Project</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>$7,430,000</td>
<td>$5,572,500</td>
<td>$1,857,500</td>
<td>Funding will be provided by SBVMWD, West Valley Water District, City of Rialto and Riverside Highland Water Company.</td>
<td></td>
</tr>
<tr>
<td>Enhanced Stormwater Capture and Recharge along the Santa Ana River</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>$8,000,000</td>
<td>$6,000,000</td>
<td>$2,000,000</td>
<td>Funding will be provided by SBVMWD, WMWD, and the City of Riverside.</td>
<td></td>
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<tr>
<td>Annual maintenance cost estimated at $977,600.</td>
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<tr>
<td>Alabama Street Connector Pipeline</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>$9,000,000</td>
<td>$6,750,000</td>
<td>$2,250,000</td>
<td>Funding will be provided by SBVMWD.</td>
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<tr>
<td>Annual maintenance cost estimated at $784,800.</td>
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<tr>
<td>South End Feeder</td>
<td>San Bernardino Valley Municipal Water</td>
<td>$11,500,000</td>
<td>$8,625,000</td>
<td>$2,875,000</td>
<td>Funding will be provided by SBVMWD.</td>
<td></td>
</tr>
<tr>
<td>No, but annual cost will be $1,002,800 for its projected 20 year lifespan.</td>
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<tr>
<td>District</td>
<td>Project Description</td>
<td>Funding Provided</td>
<td>Annual Maintenance Cost</td>
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<tr>
<td>San Bernardino Pump Station #2</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>Funding will be provided by SBVMWD.</td>
<td>Annual maintenance cost estimated at $1,046,400.</td>
<td></td>
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<tr>
<td>Yucaipa Lakes Pump Station</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>Funding will be provided by SBVMWD.</td>
<td>Annual maintenance cost estimated at $1,364,880.</td>
<td></td>
<td></td>
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<tr>
<td>Lytle Creek Construction Area</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>Funding will be provided by SBVMWD.</td>
<td>Annual maintenance cost estimated at $1,364,400.</td>
<td></td>
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<tr>
<td>Enhanced Stormwater Capture and Recharge along the Santa Ana River Phase II</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>Funding will be provided by SBVMWD, Western Municipal Water District and the City of Riverside.</td>
<td>Annual maintenance cost estimated at $1,000,000.</td>
<td></td>
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<tr>
<td>9th Street Feeder</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>Funding will be provided by SBVMWD.</td>
<td>Annual maintenance cost estimated at $2,101,520.</td>
<td></td>
<td></td>
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<tr>
<td>Foothill Pipeline Enlargement</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>Funding will be provided by SBVMWD.</td>
<td>Annual maintenance cost estimated at $2,180,000.</td>
<td></td>
<td></td>
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<tr>
<td>Morton Canyon Hydroelectric Generation Plant</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>Funding will be provided by SBVMWD.</td>
<td>Annual maintenance cost estimated at $3,313,625.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Central Feeder Pipeline</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>Funding provided by SBVMWD.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Project Description</td>
<td>District Name</td>
<td>Costs ($USD)</td>
<td>Funding Allocation</td>
<td>Comments</td>
<td></td>
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</tr>
<tr>
<td>North Lake Project</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>$133,000,000</td>
<td>$99,750,000</td>
<td>Funding will be provided by SBVMWD.</td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>$33,250,000</td>
<td></td>
<td>Annual maintenance cost estimated at $11,597,600.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water Conservation Demonstration Garden</td>
<td>San Bernardino Valley Municipal Water District</td>
<td>$115,000</td>
<td>$86,250</td>
<td>Valley District will fund the project and in-kind assistance from the CSUSB faculty and students will be donated in-kind. Also, in-kind donations from plant suppliers are being discussed, but anything not donated will be covered by Valley District. Valley District is overseeing the project and will provide O&amp;M funding. ($10,028)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Constructed Wetland Habitat Restoration and Water Reclamation project for the Santa Ana River Borrow Pit.</td>
<td>San Bernardino Valley Water Conservation District</td>
<td>$4,400,000</td>
<td>$1,000,000</td>
<td>The collaborative partnerships and verbal commitments of matching funds and in-kind support, together offers multiple-objective benefits. The project scope is integrated with existing programs that are mutually beneficial for each entity as well as benefiting the watershed and IRWMP goals. The project will work within these constraints and are included in the District's O&amp;M budget scope. Proposal includes IRWMP Basin Management Objectives (BMOs): management of the groundwater basins (San Bernardino Basin Area), cooperation with BTAC to monitor groundwater levels for liquefaction risk reduction, avoiding impacts of the various groundwater contaminant plumes, enhancing spreading basins' capabilities, and recycling wastewater for groundwater enhancement.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Santa Ana Watershed Alluvial Scrub Habitat Restoration Project and Mitigation Banking Assessment</td>
<td>San Bernardino Valley Water Conservation District</td>
<td>$225,000</td>
<td>$130,000</td>
<td>Funding will be provided by SBVMWD.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Description</td>
<td>Authority</td>
<td>Total Funding ($1,167,846)</td>
<td>O&amp;M Funding ($875,885)</td>
<td>Match Funding ($291,961)</td>
<td>Notes</td>
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</tr>
<tr>
<td>Santa Ana Watershed Vireo Monitoring and Breeding Bird Surveys</td>
<td>Santa Ana Watershed Association</td>
<td>$1,167,846</td>
<td>$875,885</td>
<td>$291,961</td>
<td>Funding is secure for the match portion of the total, provided through SAWAs operational funding. Certainty is 90 percent.</td>
<td></td>
</tr>
<tr>
<td>Brine Line (SARI) Solids Control Structures</td>
<td>Santa Ana Watershed Project Authority</td>
<td>$2,000,000</td>
<td>$1,500,000</td>
<td></td>
<td>A total of $611,010 has been secured for the project from Proposition 50 funds. These funds are independent of the amount identified above.</td>
<td></td>
</tr>
<tr>
<td>Brine Line Maintenance Access Structures, Reach V and Reach IVB</td>
<td>Santa Ana Watershed Project Authority</td>
<td>$5,600,000</td>
<td>$4,600,000</td>
<td>$1,000,000</td>
<td>O&amp;M costs will be included in the Brine Line (SARI) annual budget.</td>
<td></td>
</tr>
<tr>
<td>Inland Empire Brine Line Capacity Pool Program</td>
<td>Santa Ana Watershed Project Authority</td>
<td>$6,025,000</td>
<td>$4,150,000</td>
<td>$1,875,000</td>
<td>O&amp;M of the SARI line is included within the SAWPA two year budget. The budget is approved by the Commission every two years.</td>
<td></td>
</tr>
<tr>
<td>Characterization and optimization of cost-effective treatment wetlands for surface water quality improvement</td>
<td>Santa Ana Watershed Project Authority</td>
<td>$300,000</td>
<td>$150,000</td>
<td>$150,000</td>
<td>Local share consists of use of pipeline capacity owned by SARI member agencies.</td>
<td></td>
</tr>
<tr>
<td>Big Bear Lake Hypolimnetic Oxygenation System</td>
<td>Santa Ana Watershed Project Authority</td>
<td>$1,500,000</td>
<td>$1,125,000</td>
<td>$375,000</td>
<td>Participation in the program by local business partners provides O&amp;M funding</td>
<td></td>
</tr>
<tr>
<td>Brine Line (SARI) Flow Equalization Structure</td>
<td>Santa Ana Watershed Project Authority</td>
<td>$2,000,000</td>
<td>$1,500,000</td>
<td>$500,000</td>
<td>O&amp;M of the SARI Flow Equalization Structure would be included in the SARI Enterprise Operation and Maintenance budget.</td>
<td></td>
</tr>
<tr>
<td>Brine Line (SARI) SCADA System</td>
<td>Santa Ana Watershed Project Authority</td>
<td>$25,000,000</td>
<td>$4,000,000</td>
<td>$1,000,000</td>
<td>O&amp;M funding for the project is funded through SAWPAs two year budget for O&amp;M of the Brine Line. The budget is approved by the SAWPA Commission every two years.</td>
<td></td>
</tr>
<tr>
<td>Project Description</td>
<td>Responsible Entity</td>
<td>Funding Amounts</td>
<td>Years</td>
<td>Notes</td>
<td></td>
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<tr>
<td>Repairs to the Unlined RCP Reach IVA and Reach IVB Santa Ana Regional Interceptor</td>
<td>Santa Ana Watershed Project Authority</td>
<td>$25,000,000 $4,000,000 $1,000,000 $20,000,000</td>
<td></td>
<td>O&amp;M funding for the project is funded through SAWPA's two year budget for O&amp;M of the Brine Line. The budget is approved by the SAWPA Commission every two years.</td>
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<tr>
<td>Santa Ana Watershed Project Authority</td>
<td></td>
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</tr>
<tr>
<td>Borrego Canyon Wash Bypass Channel Improvements within the portion of Shea/Baker</td>
<td>Shea/Baker Ranch, LLC</td>
<td>$15,500,000 $6,200,000</td>
<td></td>
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<tr>
<td>Ranch Property (Bypass Channel)</td>
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</tr>
<tr>
<td>San Bernardino National Forest Ecological Restoration and Watershed Improvement</td>
<td>USDA Forest Service - San Bernardino</td>
<td>$8,001,000 $1,000,000 $277,000 $6,012,000 $712,000</td>
<td></td>
<td>For 2010, the In-Kind and about half of the federal contribution has been secured. The plan is expected to take 3 years to implement with the total funding equaling $8 million. O&amp;M is not applicable in general. Funding to complete the 2200 acres of wildfire reduction fuels treatment and associated watershed and habitat improvement projects will take 3 years and then be complete.</td>
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<tr>
<td>National Forest</td>
<td>Forest National Forest</td>
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<tr>
<td>1N09 Reconstruction and Water Quality Improvement</td>
<td>USDA Forest Service - San Bernardino</td>
<td>$430,000 $215,000 $215,000</td>
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<tr>
<td>Treatment System Wells and SCADA</td>
<td>West Valley Water District</td>
<td>$1,541,000 $1,541,000</td>
<td></td>
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<td></td>
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<tr>
<td>Perchlorate Wellhead Treatment System Pipelines</td>
<td>West Valley Water District</td>
<td>$1,315,000 $1,315,000</td>
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<tr>
<td>Perchlorate Wellhead Treatment System Wells</td>
<td>West Valley Water District</td>
<td>$1,315,000 $1,315,000</td>
<td></td>
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<tr>
<td>Arlington Basin Water Quality Improvement Project</td>
<td>Western Municipal Water District</td>
<td>$726,000 $216,000 $51,000</td>
<td></td>
<td>Included in Westerns operating budget. Not applicable for a study.</td>
<td></td>
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<tr>
<td>La Sierra Pipeline Project</td>
<td>Western Municipal Water District</td>
<td>$16,000,000 $3,000,000 $9,000,000 $4,000,000</td>
<td></td>
<td>Reclamation funds authorized under H.R. the Omnibus Land Management Act of 2009; Western funds included in Westerns capital improvement O&amp;M funding covered in Water Supply Reliability Fee adopted by Western and going in to affect September 1, 2010.</td>
<td></td>
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</tr>
<tr>
<td>Project Description</td>
<td>Authority</td>
<td>Budgeted</td>
<td>O&amp;M Funds</td>
<td>Sale of Product Water</td>
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<tr>
<td><strong>Chino II Desalter</strong> Treated Water Pump Station</td>
<td>Western Municipal Water District</td>
<td>$2,970,000</td>
<td>$1,485,000</td>
<td>$1,485,000</td>
<td></td>
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<tr>
<td><strong>Chino Creek Wellfield, Wells 1, 2, and 3</strong></td>
<td>Western Municipal Water District</td>
<td>$6,700,000</td>
<td>$1,675,000</td>
<td>$5,025,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Arlington Desalter Biodenitrification Construction</strong></td>
<td>Western Municipal Water District</td>
<td>$10,780,000</td>
<td>$5,390,000</td>
<td>$5,390,000</td>
<td></td>
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<tr>
<td><strong>Riverside-Corona Feeder Wells</strong></td>
<td>Western Municipal Water District</td>
<td>$7,500,000</td>
<td>$2,000,000</td>
<td>$3,625,000</td>
<td>$1,875,000</td>
<td></td>
</tr>
<tr>
<td><strong>Chino II Desalter Brine Minimization</strong></td>
<td>Western Municipal Water District</td>
<td>$30,600,000</td>
<td>$4,590,000</td>
<td>$18,360,000</td>
<td>$7,650,000</td>
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<tr>
<td><strong>San Jacinto Watershed Urban and Agricultural Land Use Survey and Impervious Surface Mapping</strong></td>
<td>Western Riverside County Agriculture Coalition</td>
<td>$625,000</td>
<td>$312,500</td>
<td>$25,000</td>
<td>$287,500</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td>$3,573,715,736</td>
<td>$1,679,678,400</td>
<td>$1,349,107,497</td>
<td>$87,440,000</td>
<td>$21,540,506</td>
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</tbody>
</table>

Yes, budgeted for in Western's capital improvement program. O&M funds will be covered by sale of resultant product water.

The project is included in Western's Capital Improvement Program. The project will be a part of Western's O&M budget once constructed.

Budgeted for in Western's capital improvement program. O&M funds will be covered by sale of resultant product water.

Covered in Water Supply Reliability Fee adopted by Western which will go into affect September 1, 2010. Federal funds authorized under H.R. the Omnibus Land Management Act of 2009. Once constructed the project will become a part of Western's O&M budget.

Funds budgeted for in Western's capital improvement program. O&M funds will be covered by sale of resultant product water.