



- Board of Directors
Water Planning and Stewardship Committee

6/10/2014 Board Meeting

8-4

Subject

Authorize payments of up to \$3.55 million for participation in the State Water Contractors, Inc. and the State Water Project Contractors Authority for fiscal year 2014/15.

Executive Summary

Authorization is requested to continue participation with the State Water Contractors, Inc. (SWC) and with the State Water Project Contractors Authority (SWPCA). Participation in these organizations allows Metropolitan to advocate for the effective management of the State Water Project (SWP), particularly activities in the Bay-Delta, by working with other contractors. The SWC provides a unified voice among the contractors to provide input to Department of Water Resources (DWR) on the management of the SWP. The SWPCA provides a means, through service agreements, for DWR to utilize the expertise and capabilities of participating SWP contractors in the implementation of SWP programs and projects. A total of \$4.43 million was included in the fiscal year (FY) 2014/15 budget for Metropolitan's participation in both organizations. The requested authorization amount is up to \$3.55 million,

Details

State Water Contractors

The SWC is a nonprofit association of 27 public agencies from northern, central, and southern California with contracts to purchase water from the SWP, including Metropolitan. The SWC's role and activities are intended to provide input into DWR's policy decision making process. The SWC effectively represents the interests of Metropolitan and the other members in discussions with DWR, and through interactions with other state, federal, and local entities. The SWC's work efforts and associated revenue collections are broken into three basic groupings:

1. Basic Dues Fund: Provides basic funding for SWC activities including general operating expenses and supporting activities such as DWR cost management, ensuring sufficient infrastructure and supply reliability, and water quality;
2. Energy Fund: Provides funding for SWC staff and consultants working with SWP energy and management staff at both the strategic and technical levels to develop and implement energy strategies to achieve cost-effective energy for the SWP; and
3. Bay-Delta Fund: Supports SWC involvement in Delta fish monitoring, environmental review processes, facilities planning processes, coordinated activities with the Central Valley Project and the Bay Delta Conservation Plan (BDCP), protection of existing operations, collecting scientific data, and planning for the future.

Experience has shown that the united voice of the SWC provides value in achieving favorable outcomes. The SWC's influence is especially focused on restoring supply benefits currently impaired by Delta constraints.

Refer to [Attachment 1](#) for a more detailed report on SWC accomplishments in FY 2013/14 and [Attachment 2](#) for objectives for FY 2014/15.

State Water Project Contractors Authority

The SWPCA was formed in 2003 as a joint powers organization of interested SWP contractors. Its objective is to provide DWR the additional resources required to improve the reliability and efficiency of the SWP. It consists of an organization overseeing three specific project committees. The SWPCA can provide services in those areas where the DWR is challenged due to lack of experienced staff, state budget-related constraints, or a need for specialized expertise. It also provides an opportunity for greater responsiveness and influence over major decisions.

Metropolitan actively participates in the following organizational units:

1. SWPCA Board of Directors; and
2. Specific Project Committees which include:
 - a. Delta Specific Project Committee (DSPC) – Established to provide a mechanism for broad SWP contractor participation in the BDCP and the Delta Habitat Conservation and Conveyance Program (DHCCP). Funding for the State and Federal Water Contractors Authority Joint Powers Authority is managed through the DSPC.
 - b. Municipal Water Quality Investigation (MWQI) - Provides SWP contractors with Delta water quality information as it relates to drinking water regulations – through monitoring, studies, analyses and forecasting.
 - c. East Branch Enlargement Specific Project Committee (EBESPC) – Formed to provide a mechanism for seven SWP contractors to participate in the design and review of the enlargement of the SWP's East Branch. (No activities planned in FY 2014/15).

Summary of Payment Distribution

Attachment 3 is a schematic showing the financial support mechanisms of the SWC and SWPCA, which are discussed further below.

Both the SWC and the SWPCA require payments from Metropolitan as summarized in the tables below:

<u>SWC Payments</u>	FY 2013/14	FY 2014/15
Dues Fund	\$ 1,204,458	\$ 1,278,759
Energy Fund	\$ 463,115	\$ 366,007
Bay-Delta Fund	\$ 999,262	\$ 1,060,747
Total:	\$ 2,666,837	\$ 2,705,513

<u>SWPCA Payments</u>	FY 2013/14	FY 2014/15
SWPCA	\$ 125,147	\$ 125,148
DSPC	\$ 572,878	\$ 579,194
MWQI	\$ 134,000	\$ 136,770
EBESPC	\$ 0	\$ 0
Total:	\$ 832,025	\$ 841,112

For FY 2014/15, the SWC Dues, Energy and Bay-Delta Fund budgets include an increase for a 10 percent reserve. This increase is partially offset by carryover from the prior year.

Metropolitan's payment to SWC for FY 2014/15 is approximately \$410,000 below what was initially included in Metropolitan's budget. In large part, this is due to an anticipated reduction in legal costs related to Bay-Delta activities compared to what was previously forecasted. Likewise, Metropolitan's payment to SWPCA for FY 2014/15 is approximately \$470,000 below budget. Metropolitan's budget included significant costs related to auditing the design and construction of the DHCCP. However, this project has not yet progressed to the design and construction phase.

Policy

Metropolitan Water District Administrative Code Sections 11202 and 11203: Payment of Dues and Participation in Projects or Programs Serving District Purposes. This item is subject to a two-thirds vote requirement.

By Minute Item No. 45348, the Board, at its May 13, 2003, meeting, authorized entering into an agreement with the State Water Project Joint Powers Authority.

By Minute Item No. 47735, the Board, at its December 9, 2008, meeting, authorized the General Manager to execute the Delta Habitat Conservation and Conveyance Program Memorandum of Agreement and three related funding and management agreements.

By Minute Item No. 48302, the Board, at its June 8, 2010, meeting, authorized the General Manager to make payment of \$2,578,548 to the State Water Contractors and up to \$866,831 to the State Water Project Contractors Authority for FY 2010/11.

By Minute Item No. 48708, the Board, at its June 14, 2011, meeting, authorized the General Manager to make payment of \$2,629,897 to the State Water Contractors and up to \$815,000 to the State Water Project Contractors Authority for FY 2011/12.

By Minute Item No. 49094, the Board, at its June 12, 2012, meeting, authorized the General Manager to make payment of \$2,598,474 to the State Water Contractors and up to \$809,000 to the State Water Project Contractors Authority for FY 2012/13.

By Minute Item No. 49450, the Board, at its June 11, 2013, meeting, authorized the General Manager to make payment of \$2,666,837 to the State Water Contractors and up to \$832,025 to the State Water Project Contractors Authority for FY 2013/14.

California Environmental Quality Act (CEQA)

CEQA determination for Option #1, Option #2 and Option #3:

The proposed actions are not defined as a project under CEQA, because they involve continuing administrative activities such as general policy and procedure making (Section 15378(b)(2) of the State CEQA Guidelines). In addition, the proposed actions are not subject to CEQA because they involve other government fiscal activities, which do not involve any commitment to any specific project that may result in a potentially significant physical impact on the environment (Section 15378(b)(4) of the State CEQA Guidelines).

The CEQA determination is: Determine that the proposed actions are not defined as a project and are not subject to CEQA pursuant to Sections 15378(b)(2) and 15378(b)(4) of the State CEQA Guidelines.

Board Options

Option #1

Adopt the CEQA determination that the proposed actions are not defined as a project and are not subject to CEQA and, by two-thirds vote

- a. Authorize the General Manager to make payment of \$2.71 million to the State Water Contractors; and
- b. Authorize the General Manager to make payment up to \$841,112 to the State Water Project Contractors Authority.

Fiscal Impact: Expenditures for participation in SWC and SWPCA in FY 2014/15 would be up to \$3.55 million. The authorization is approximately \$880,000 less than the FY 2014/15 budget for participation in the SWC and SWPCA.

Business Analysis: Metropolitan would benefit from the SWC and SWPCA representing positions with DWR, legislators, regulatory, and third-party groups that advance its SWP strategic initiatives.

Option #2

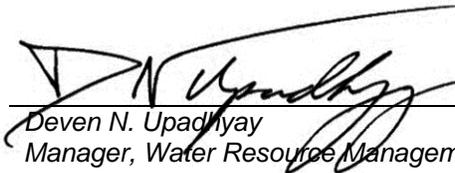
Adopt the CEQA determination and by a two-thirds vote authorize the General Manager to make payments to a selected grouping of one or more of the components comprising Metropolitan’s FY 2014/15 SWC and SWPCA payments.

Fiscal Impact: Expenditures for participation in SWC and SWPCA in FY 2014/15 would be less than \$3.55 million. A total of \$4.43 million has been budgeted for these activities in Metropolitan’s FY 2014/15 budget.

Business Analysis: Metropolitan would be less effective in advancing its SWP and SWPCA strategic initiatives if the full membership is not approved. Reduced participation would limit Metropolitan’s representation on key issues and activities. Metropolitan would need to develop alternative means to manage the risk of higher costs or greater operational restrictions on supply deliveries.

Staff Recommendation

Option #1

	5/28/2014
Deven N. Upadhyay Manager, Water Resource Management	Date

	5/30/2014
Jeffrey Kightlinger General Manager	Date

Attachment 1 - FY 2013/14 Accomplishments of the State Water Contractors

Attachment 2 - FY 2014/15 Objectives for State Water Contractors

Attachment 3 – Organizational Schematic Financial Pathways

Ref# wrm12630402

FY 2013/14 Accomplishments of the State Water Contractors

Strategic SWP Power and Transmission plan – Coordinate DWR’s development of a near-term and long-term resource plan.

- The Lodi Energy Center has completed its first year of commercial operation. DWR and the SWC have agreed on how the final update to the 2009 Energy Integrated Resource Plan will address the remaining outstanding issues.
 - The SWC hired Navigant Consulting to assess alternative transmission providers for the San Luis and Banks pumping facilities. SWC and DWR are working on a Strategic Business Plan to evaluate the power supply alternatives identified in the Navigant analysis.
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Near-term Risk Management – Coordinate with DWR on power resource, transmission, staffing and State energy policy issues.

- The SWC hired consultants to work with DWR on developing a fuel procurement strategy for the Lodi Energy Center and to estimate the future cost of transmission services. The SWC staff continued to interface with DWR at a technical level through the monthly Power Planning Workshop.
 - Negotiations for the termination of the Reid Gardner power contract and the determination of the scope of the environmental cleanup are complete. The SWC continues to monitor the environmental cleanup.
 - The SWC participated in PG&E and SCE Existing Transmission Contract/Transmission Owner rate filing settlements at FERC Delta Conveyance and Water Supply Reliability.
 - The SWC staff provided assistance to DWR with organizational and accountability activities in its compliance office in response to the violations found during DWR’s Western Electric Coordinating Council Audit.
 - The SWC staff is on the Board of Directors for the California Municipal Utilities Association and the Western Electric Coordinating Council to fulfill the objective of elevating the profile of the SWP and represent the perspective of the SWP Contractors included in the activities of the associations.
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Defend SWP against Energy Liabilities and Claims – Assure proper legal representation for potential litigation.

- The SWC consultants participated in negotiations to settle litigation that remains from the state energy crisis.
 - The SWC intervened in transmission rate proceedings at the Federal Energy Regulatory Commission.
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FERC Relicense Settlement – Advocate solutions related to obtaining a new license for the Oroville complex consistent with the Settlement agreement. Initiate relicensing activities associated with SoCal facilities.

- The Energy Committee participated in the DWR Value Engineering effort which resulted in the decision to restore the Thermalito power plant to operation.
- SWC staff participated in the Oroville Recreation Advisory Committee and Supplemental Benefits Fund Committee.

Davis-Dolwig Act Funding – Identify and implement strategies to receive reimbursement for Davis-Dolwig Act costs.

- SWC coordinated with DWR to determine a method to return \$2.5 million annually for repayment of the State's share of past Recreation and Fish & Wildlife Enhancement (RFWE) costs.

Contract Amendment/Extension – Coordinate with DWR on developing ability to provide 30-year or longer bonding and cost repayment period for SWP capital charges, including funding and financing options for a new conveyance facility.

- Formal Contract Extension Negotiations were initiated in May 2013 and concluded in March 2014.
- SWC staff supported the Contract Extension Caucus by providing negotiating documents and background materials throughout the negotiation process.
- SWC staff continues to work with the Contract Extension Technical Workgroup and DWR State Water Project Analysis Office (SWPAO) to evaluate and determine if the negotiated changes to the billing process has any unforeseen financial fatal flaws.

Cash and Financing Oversight - Work with DWR to finalize the Project Cost and Debt Service Reconciliation.

- SWC staff continues to work with DWR SWPAO and their consultants to implement a comprehensive solution to the Revenue Bond Springing Amendment.

Future Capital Projects and Capital Financing Oversight – Develop a process to track, plan, and prioritize all existing and foreseeable capital projects which are funded by the SWP Contractors.

- SWC staff developed a BDCP/DHCCP SWP cost allocation model to standardize the cost data and other assumptions used to analyze participation in the BDCP/DHCCP.
- SWC staff coordinated with the Energy Committee to create an integrated trend line and volatility factors in a power forecasting tool to determine the factors influencing the variable components mil rate.

Job Costing Oversight (Actual Costs) – Provide oversight over DWR's actual expenditures compared to estimated costs.

- SWC staff provided extraordinary operation and maintenance budget materials, three years of actual minimum costs, and a forecasted three year average for transportation and conservation minimum billing components to the Audit-Finance Committee to assist with the review of the 2014 Statement of Charges.
- SWC staff supports the BDCP/DHCCP SWP Cost Allocation Workgroup by providing documents and workshop support throughout the development process.
- SWC staff provided actual transportation minimum costs and analysis for the East Branch Extension and the South Bay Aqueduct to facilitate Contractors' negotiations with DWR regarding the operations and maintenance of these facilities.

Cost Recovery/Statement of Charges Oversight (Estimated Costs) – Provide oversight over DWR's estimated costs and recovery of those costs through review of the future project cost projections, the Delta Water Charge calculation, Rate Management Credits review, and return of excess Replacement Accounting System funds.

- SWC staff provided materials to improve the productivity of the Contractors' financial evaluation by creating educational materials, reporting tools to streamline and/or direct the Contractor's evaluation with minimal impact to DWR.

Financial Audit and Dispute Oversight – Work with Contractors and DWR to identify and resolve existing and potential protest items.

- SWC staff has participated in the Protest Resolution Workgroup with a goal to provide closure on protest items, which includes either resolution or determining the necessity of filing a claim against DWR. To date, 118 of the 224 identified items have been resolved and another 45 are being actively worked on.

Sacramento Regional CSD Litigation – Manage litigation and regulatory efforts to reduce ammonia discharges and improve water quality, fishery, and water supply conditions.

- Litigation by the SWC was successful in obtaining a partial settlement with Sacramento Regional County Sanitation District (SRCSD) that results in agreement by SRCSD to proceed with implementation of increased nutrient discharge standards in the delta.

Near Term ESA/CESA Coverage – Maintain litigation response to new OCAP biological opinions and environmental challenges. Participate in preparing material for and influencing the development of the new Federal Biological Opinions.

- A settlement agreement was reached with the California Department of Fish and Wildlife that provides for expanded monitoring of longfin smelt populations in exchange for dropping the SWC legal challenge of the longfin smelt CESA permit.

Monterey Amendment EIR – Work with DWR in defending the Monterey Plus EIR against litigation. Continue participation in Plumas Watershed Forum.

- The SWC hired counsel to work in conjunction with DWR in defending the Monterey Plus CEQA documentation related to Monterey Amendments. The Sacramento County Superior Court ruled in favor of DWR on the adequacy of the Monterey Plus CEQA documentation.

Hyatt Unit Availability – Track process/cost/operation impact of issues affecting various Hyatt units (includes Head cover repair, leakage, downthrust remediation, field ground damage, and shutoff valve improvements).

- The SWC participated in an extensive value engineering evaluation for the refurbishment alternatives for the six turbine shutoff valve.
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	Objective	Description	Priority	SWC Assignment
Energy Operations	Strategic SWP Power and Transmission plan	Coordinate DWR's development of a near-term and long-term resource plan.	●	Haines
	Near-term Risk Management	Coordinate with DWR on power resource, transmission, staffing, and State energy policy issues.	●	Haines
	Defend SWP against Energy Liabilities and Claims	Assure proper legal representation for potential litigation.	○	Haines
	FERC Relicense Settlement	Advocate solutions related to obtaining new license for the Oroville complex consistent with the Settlement Agreement. Initiate relicensing activities associated with SoCal facilities.	●	Haines
	Greenhouse Gas/Renewable Policies	Work with DWR on appropriate greenhouse gas and renewable policies that reflect SWP utility characteristics and rate concerns.	●	Haines
Infrastructure	Communications System Upgrade	Track cost/progress/schedule on the communications upgrade work.	●	Chapman
	Motor/Generator Refurbishments	New stator core, rewinds, and pump casing reconditioning. Long-term task in several of SWP plants.	●	Chapman
	Oroville Dam River Valves	Testing and modification of river valves and appurtenant devices to enable regular use by DWR as required for normal SWP operations.	●	Chapman
	Sisk Dam Seismic Stability	Geotechnical Investigation and analysis to identify extent of stability issues and potential remediation options (including economic analysis for project alternative).	●	Chapman
	Protective Relay Replacements	Replace unit protective relays in the 15 major SWP pumping/power plants, fix deficient protection schemes, improve training, and documentation of relay settings and schematics.	●	Chapman
	Edmonston Pump Replacement/Refurb	Track performance/efficiency of four new units. Work with DWR in the value engineering process to select action (replacement vs. refurbishment) for aging east wing units.	●	Chapman
	Control System Upgrade	Implement the control system upgrade.	●	Chapman
	North Bay Aqueduct Alternate Intake	Initial Environmental work and preliminary design work for new intake facility for the NBA.	●	Chapman
	Aqueduct Subsidence Repairs	Determine the impacts of subsidence to SWP operations, work with DWR to prioritize the repairs and assure repairs expenses are appropriately distributed between the CVP and SWP Contractors.	●	Chapman

	Objective	Description	Priority	SWC Assignment
	Valve Rehab/Replacements	Replace or refurbishment major valves at Gianelli, Hyatt, Edmonston, and Warne Plants.	●	Chapman
	Capital Improvement Program	Work with DWR to help develop a SWP Capital Improvement Program to help track, review, prioritize, and fund future capital projects and thus assist Contractors to gauge overall financial impact on their agencies.	●	Chapman
	Perris Dam-Remediation of seismic deficiency	Track cost/progress/schedule on alteration construction to address seismic stability deficiencies.	●	Chapman
	East Branch Extension Phase 2	Construction of the second phase of the East Branch Extension.	○	Chapman
	Overall SWP Sustainability	Work with DWR's new program to evaluate long-term sustainability of SWP including emergency response measures and planning.	○	Chapman
	Hyatt Unit Availability	Track process/cost/operation impact of issues affecting various Hyatt units (includes Head cover repair, leakage, downthrust remediation, field ground damage, and shutoff valve improvements).	●	Chapman
	Thermalito Plant Post-Fire Follow-up	Work with DWR during development of a business case analysis to determine whether rebuilding the damaged Thermalito plant is viable and to what degree of level of functionality.	●	Chapman
	Dos Amigos Plant Subsidence	Follow-up on the investigation of the cause sinkhole and separation of outlet conduit joints and determine long-term solution to prevent further damage and possible delivery impediment.	●	Chapman
Business Processes	Davis-Dolwig Act Funding	Identify and implement strategies to receive reimbursement for Davis-Dolwig Act costs.	●	Ramsay/Lightle
	Contract Amendment/Extension	Coordinate with DWR on developing ability to provide 30-year or longer bonding and cost repayment period for SWP capital charges, including funding and financing options for a new conveyance facility.	●	Ramsay/Lightle
	Cash and Financing Oversight	Work with DWR to finalize the Project Cost and Debt Service Reconciliation, finalize the methodology for collection of the Conservation Replacement Accounting System, and determine options for Habitat Restoration funding.	●	Ramsay/Lightle
	Future Capital Projects and Capital Financing Oversight	Develop a process to track, plan and prioritize all existing and foreseeable capital projects which are funded by the SWP Contractors.	●	Ramsay/Lightle

	Objective	Description	Priority	SWC Assignment
	Cost Recovery/Statement of Charges Oversight (Estimated Costs)	Provide oversight over DWR's estimated costs and recovery of those costs through review of the future project cost projections, the Delta Water Charge calculation, Rate Management Credits review, and return of excess Replacement Accounting System funds.	●	Ramsay/Lightle
	Job Costing Oversight (Actual Costs)	Provide oversight over DWR's actual expenditures compared to estimated costs.	●	Ramsay/Lightle
	Financial Audit and Dispute Oversight	Work with Contractors and DWR to identify and resolve existing and potential protest items.	●	Ramsay/Lightle
Water Supplies	Near Term ESA/CESA Coverage	Maintain litigation response to new OCAP biological opinions and environmental challenges. Participate in preparing material for and influencing the development of the new Federal Biological Opinions.	●	Erlewine
	Bay Delta Conservation Plan	Complete public draft Bay Delta Conservation Plan to provide ESA assurances for continued operation of the SWP.	●	Erlewine
	Upstream Water Supply Augmentation	Work with CVP Contractors and upstream water users to identify water supply operations to address existing and potential regulatory obligations.	●	Erlewine
	Delta and Migratory Fish Analysis	Work with SFCWA Science Team to identify causes of Delta fisheries decline and develop management measures to prevent the decline.	●	Erlewine
	Water Quality Control Plan Update	Present testimony and participate in hearings on updating the Bay-Delta Water Quality Control Plan and related activities such as San Joaquin River water rights and illegal diversions.	●	Febbo
	Methylmercury Regulations	Coordinate with DWR and other affected agencies on developing and implementing a work plan for Open Water Allocation. Participate in Regional Board Processes related to Statewide Methylmercury regulations.	●	Erlewine
	Monterey Amendment EIR	Work with DWR in defending Monterey Plus EIR against litigation. Continue participation in Plumas Watershed Forum.	●	Erlewine
	San Joaquin River Accord/VAMP II	Participate in discussions regarding a potential San Joaquin River Accord or next phase of the Vernalis Adaptive Management Program (VAMP). Evaluate benefits of SWC involvement.	●	Erlewine
	Delta Conveyance Alternatives	Identify and implement operations strategies to minimize reductions to near term exports using existing facilities or with additional features that can be implemented within a short time period.	●	Febbo

	Objective	Description	Priority	SWC Assignment
	Suisun Marsh	Participate in negotiations for updates or amendments to Suisun Marsh Preservation Agreement. Review and provide input on the Suisun Marsh Plan and associated environmental documents. Work with DWR to transfer operations of facilities to SRCD.	●	Febbo
	Delta Habitat Development	Work with SFCWA in planning and implementation of new Delta habitat measure to meet conditions of the OCAP BiOp and the BDCP.	●	Febbo
	Sacramento Regional CSD Litigation	Manage litigation and regulatory efforts to reduce ammonia discharges and improve water quality, fishery, and water supply conditions.	○	Febbo
	SWP Reliability Report	Coordinate with DWR on appropriate assumptions and level of presentation detail for SWP 2013 Reliability Report.	○	Febbo
	Streamline Future Water Transfers	Work with DWR and potential sellers in the Sacramento Valley to streamline future dry year transfer approvals.	○	Chapman
	Delta Stewardship Council	Coordinate with SFCWA representatives in monitoring and influencing the new Delta Stewardship Council to provide constructive input towards solving Delta challenges.	○	Erlewine
	Yuba Accord Extension	Work with SWC Members, CVP Contractors, and DWR to negotiate extension of Yuba Accord.	○	Chapman
	●	Priority I (Highest Priority) Objectives		
	●	Priority II (High Priority) Objectives		
	○	Priority III (Medium Priority) Objectives		

State Water Project Contractors Authority (SWPCA) FY 2014/15 Objectives

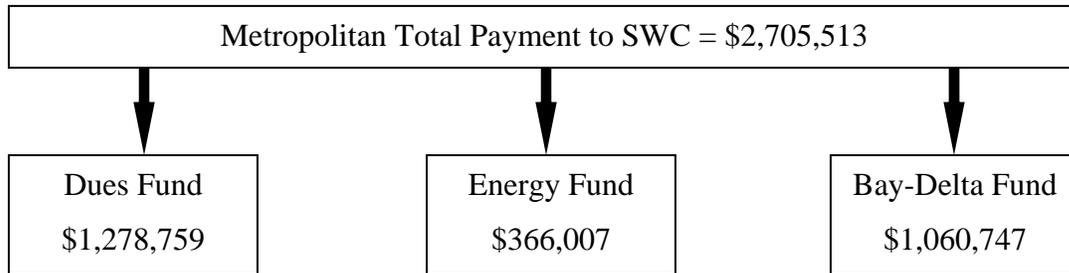
- Provide services, supplies, equipment and other resources to cost-effectively and efficiently operate and maintain the SWP.
- Advocate for a SWP governance structure that results in efficient and reliable operations and management for the benefit of all SWP stakeholders.
- Establish criteria/guidance for the types of actions/projects SWPCA takes on.
- Identify potential projects that SWPCA can complete to demonstrate a track record of capacity to support SWP functions.
- Continue to develop and put in place policies and procedures for effective management of SWPCA organization.
- Provide venue for DSPC Class D members to receive information of the progress of DHCCP/BDCP efforts.

SWPCA's Municipal Water Quality Investigations (MWQI) Specific Project Committee (SPC) will continue to provide funds to perform supplemental water quality related services for the MWQI Program to ensure that work is completed in a timely and cost-effective manner. The program will focus on water quality data collection, analysis, and management in the Delta, scientific support on Delta and SWP drinking water quality issues, and provide early warning of water quality events and water quality forecasting. The SPC will initiate work on two projects recommended by Metropolitan staff. The first is development of an artificial neural network model of the Delta that can be used to quickly evaluate changes in operations. This project should be completed in the summer of 2014. The second is to initiate an effort to begin to understand the nutrient, algal dynamics, and growth macrophytes in the SWP system. This project could provide valuable information on how to prevent or manage taste and odor episodes, control filter clogging algae, and control macrophyte growth.

Organizational Schematic

Financial Pathways

State Water Contractors Total Budget = \$6,504,500 million



State Water Project Contractors Authority Total Budget = \$1,687,100

