DETAILED REPORT

Rate Setting Process

Metropolitan Water District Administrative Code Section 4304(c) requires the General Manager to present recommendations for water rates for the next fiscal year based on the Budget and Finance Committee's determination of required water revenues. In December 2000, the Budget and Finance Committee considered and approved the General Manager's determination of the revenues to be derived from water sales during Fiscal Year (FY) 2000-01 in Board Letter 9b, entitled "Determination of water revenue requirements for FY 2001-02" (Revenue Requirements Letter).

In January 2001, the Budget and Finance Committee is scheduled to consider the General Manager's recommendations for water rates and charges for FY 2001-02. Also in January, the Resolutions of Intent to impose the RTS (including the water standby charge) and the NDC (and suspend collection of the NDC) in FY 2001-02 are scheduled to be considered, and a public hearing on water rates and charges will be set.

In February, the Budget and Finance Committee is scheduled to conduct a public hearing on the proposed water rates and charges. In March, the Board is scheduled to consider the adoption of the water rates and charges, other than the water standby charge. A public hearing on the standby charge is scheduled for April, and the Board will consider the Resolution to impose the FY 2001-02 standby charge in May 2001.

The Revenue Requirements Letter shows that $683.3 million of revenue must be recovered from the sale of water. The rates and charges that must be levied during the next fiscal year to generate this required revenue are described below.

Rates

Seasonal Storage Shift Rate

The Seasonal Storage Shift rate is proposed to increase $11 per acre-foot to $288 per acre-foot for untreated water and $345 per acre-foot for treated water. The RRP Phase 1 recommended that the Seasonal Storage Shift rate be more closely aligned with the benefits of shifting purchases from summer to winter. This recommendation was approved by the Board in July 1996, and is reflected in the proposed rate change.

Wheeling Rates

It is recommended that Metropolitan consider requests for wheeling service on a case by case basis. Accordingly, no wheeling rate is recommended at this time.

Other Rates

It is recommended that the full service rate, agricultural rate, long-term seasonal storage rate, reclaimed water rate and treatment surcharge remain unchanged in FY 2001-02.

Charges

Readiness-to-Serve Charge (RTS)

The RTS charge recovers a portion of the principal and interest payments on non-tax supported debt service that has been or will be issued to fund capital improvements (e.g. Diamond Valley Lake) necessary to meet the continuing reliability and water quality needs associated with current demands. Recognizing the need to increase fixed revenue and reduce the dependency on water sales revenues, the RRP Phase 1 recommendations, approved by the Board in July 1996, included a five-year schedule of stepped increases of $8 million per year in the RTS charge to develop fixed revenues of $104 million by FY 2000-01. In Fiscal Years 1998-99 and 1999-00, the Board deferred the scheduled increases in the RTS charge. The General Manager's recommended rates and charges maintain the RTS at its current level of $80 million per year, pending the outcome of the Board's ongoing consideration of the entire rate structure as part of the strategic planning effort. Preliminary RTS charges for each member agency for FY 2001-02 are detailed in Attachment C.

The RTS charge is allocated to each member agency on the basis of average historic water purchases from Metropolitan, including sales for consumptive demands, agriculture, and storage. For Fiscal Years 1997-98 through 2000-01, an agency's share of the RTS was based on the average of Metropolitan sales for the three consecutive fiscal years ending in 1995-96, less certain long-term storage water as more particularly described in Exhibit A, Section 8. It is recommended that pending the outcome of the Board's consideration of the proposed rate structure that the current formula remains in place for FY 2001-02.

The proposed form of resolution of the Board declaring its intention to impose the RTS charge at the current level of $80.0 million, and notifying the member agencies of this intention is attached as Exhibit A. An Engineer's Report explaining the basis for the charge and the allocation of the charge among member agencies is attached to this resolution.

Standby Charge

During the process to establish the rates and charges for FY 1995-96, member agencies were provided the option to request that Metropolitan impose a standby charge on parcels of land in the agency's service area. Standby charge collections from member agencies that opted to retain the standby charge will be credited against the member agency's RTS charge obligation. Any standby charge revenues in excess of the member agency's RTS charge obligation will be credited to the agency's other obligations to Metropolitan or carried forward to the following fiscal year. **Any member agency for whom Metropolitan currently imposes a standby charge and who no longer wishes to have the charge imposed must notify Metropolitan by letter, which must be delivered to the Chief Financial Officer no later than March 1, 2001.**

The Budget and Finance Committee is scheduled to hold a public hearing in February 2001, on Metropolitan's intention to impose the RTS charge. This hearing will include the water rates and other charges to be levied for FY 2001-02. Additionally, Metropolitan will provide the necessary notice or notices to the public in the areas where standby charges have been requested and the Board will hold a public hearing in April 2001, for interested parties to present comments or protest the proposed water standby charge. It is anticipated that the Board will take action on the proposed standby charges at its meeting May 2001.

The resolution of intention to impose the RTS charge (and, within specified member agencies, standby charges to be used as credits against the RTS charge) also establishes the criteria under which certain lands may be exempt from the standby charge. Lands that were exempt from standby charges for prior years will continue to be exempt and those property owners will not be required to refile exemption requests.

Other Charges

It is also recommended that the connection maintenance charge remain unchanged at $50 per cubic foot per second.

Metropolitan's estimated costs, revenues and water sales are shown in Attachment A. In addition, rates and charges are included in Attachment B. The increase in projected water rates is less than those included in the RRP Phase 1 recommendations, as no rates, except the Seasonal Storage Shift water rates, are forecast to increase through FY 2001-02.

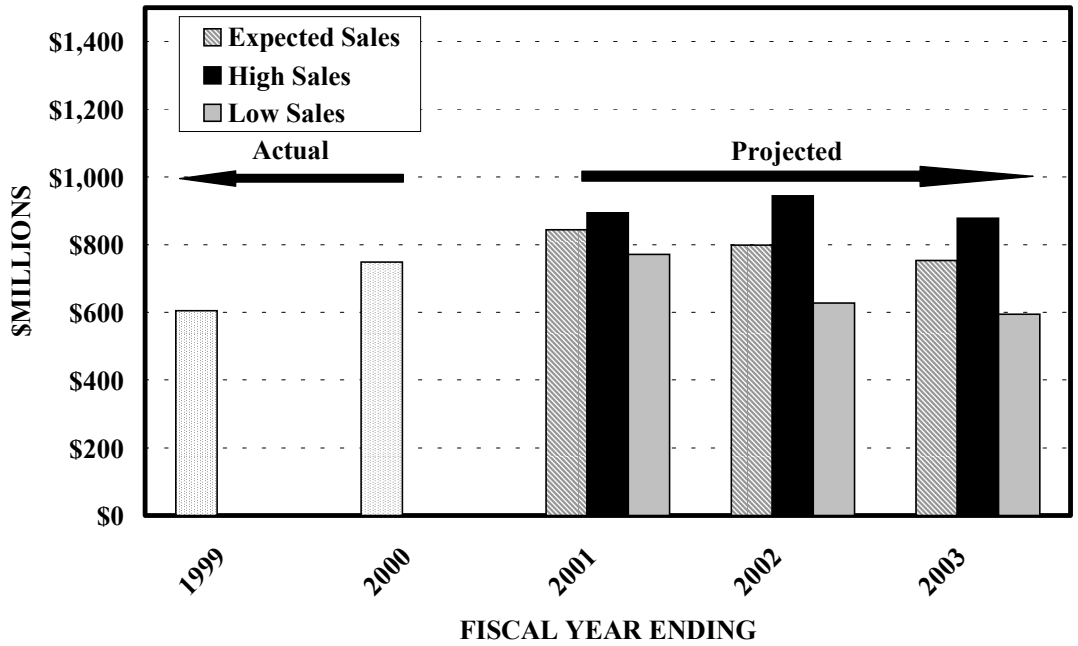
Sensitivity Analysis

It is recommended that rates and charges (with the exception of the Seasonal Storage Shift rate) be maintained at current levels to provide continued stability for water rate payers and to protect against revenue shortfalls and potential future rate increases as a result of lower than forecast sales or higher than predicted costs. Combined with the proposal to credit member agencies with their proportionate share of any revenues above the maximum reserve level that may occur as a result of high sales, stable rates help ensure that water rate payers are not harmed by uncertain cost increases, while not paying more than the cost of providing service.

Water Sales

Based on input received from the member agencies and an assumption of "normal" weather it is expected that water sales for FY2001-2002 will be about 2.1 million acre-feet. However, if the weather is hot and dry in the coming year demands on the imported water system could increase to over 2.5 million acre-feet. Under hot and dry conditions, the higher system demands will increase revenues above budgeted amounts by about $150 million, increasing the balance in the proposed member agency transition accounts. It is also possible for extremely wet and cool weather to decrease demands on the system to about 1.6 million acre-feet. Lower system demands resulting from extremely wet and cool weather could decrease FY 2001-2002 revenues below expected levels by as much as $180 million resulting in a reduction in the water rate stabilization funds of $53 million. Figure 1 illustrates examples of water rate and treatment surcharge revenues through FY 2002-2003 under expected sales levels, high sales levels (hot/dry conditions) and low sales (wet/cool conditions).

Figure 1.
WATER RATE AND TREATMENT SURCHARGE REVENUES



Power Costs

Metropolitan's State Water Project (SWP) and Colorado River Aqueduct (CRA) power costs can both increase and decrease substantially in a given year due to power market conditions and hydrology. During the past year, the Department of Water Resources (DWR) was able to take advantage of peak and off peak pricing differentials and ancillary services provided by DWR to mitigate power cost increases and actually be a net seller to the power market. As a result, SWP power costs were relatively stable. But, if storage on the SWP is low due to dry conditions, power costs can be significantly higher than expected due to the loss of the less expensive hydro-power generation produced by the project. Further, this year's CRA power costs are expected to be at least twice what Metropolitan paid last year. CRA power costs for the FY 2001-2002 revenue requirement are estimated to be $50 million but could reach $80 million if existing recent power market trends continue.

CEQA

The recommendations made in this letter are exempt from the California Environmental Quality Act (CEQA) by Public Resources Code Section 21080(b)(8) the recommendations are exempt because since they recommend setting of rates and charges for the purposes of: (1) meeting operating expenses, (2) purchasing or leasing supplies, equipment or materials, (3) meeting financial reserve needs and requirements, and (4) obtaining funds for capital projects necessary to maintain service within existing service areas; and, additionally, it is exempt from CEQA under State CEQA Guidelines 15378 (b)(5) since it constitutes the creation of government funding mechanisms which do not involve commitment to any specific project which may result in a potentially significant physical impact on the environment or which will be used to fund projects which have CEQA documentation or which will have CEQA documentation in place prior to construction of any facility or facilities.

ATTACHMENT A

PROJECTED 2001-2002 WATER REVENUE REQUIREMENTS

(Cash Basis: $ in thousands)

	2000-01	2001-02
Expenditures		
State Water Contract	$ 294,618	$ 292,988
Colorado River Aqueduct	63,294	100,593
Deposit to Transfer Fund	-	-
Withdrawal from Transfer Fund for ESRP Fill	(29,327)	(18,319)
Water Management Programs	33,621	38,042
Capital Program Financing	394,170	325,975
O&M and Operating Equipment	210,945	214,193
Sub-Total Costs	$ 967,322	$ 953,473
Adjustments		
Increase/(Decrease) in Required Reserves	(2,433)	(24,682)
Total Obligations	$ 964,888	$ 928,791
Less Other Revenues		
Property Taxes	$ (103,189)	$ (102,884)
Interest Income	(47,546)	(42,181)
Power and Miscellaneous Revenue	(15,700)	(16,014)
Contracts	-	(1,595)
Readiness to Serve Charge	(80,000)	(80,000)
Connection Maintenance Charge	(2,849)	(2,849)
Sub-Total Other Revenues	$ (249,283)	$ (245,523)
Total Water Revenue Requirement	$ 715,605	$ 683,268
Water Sales Revenue	$ 843,536	$ 798,789
Increase (Decrease) in Receipts	$ 127,931	$ 115,521
Water Sales (Cash Year TAF)		
Basic Treated	1,161	1,158
Basic Untreated	546	537
Seasonal Treated	84	75
Seasonal Untreated	298	254
Agricultural Treated	104	90
Agricultural Untreated	18	12
Total	2,212	2,126

ATTACHMENT B
PROJECTED RATES AND CHARGES (Effective January 1)

	2001	2002
Readiness to Serve Charge ($Millions)	**$80M**	**$80M**
Connection Maintenance Charge (CMC)[1]	**$50 per cubic foot second per month per connection**	**$50 per cubic foot second per month per connection**
WATER RATES ($/AF)		
Basic Treated	**$431**	**$431**
Basic Untreated	**$349**	**$349**
Seasonal Long-Term Treated	**$290**	**$290**
Seasonal Shift Treated	**$334**	**$345**
Seasonal Long-Term Untreated	**$233**	**$233**
Seasonal Shift Untreated	**$277**	**$288**
Agricultural Treated	**$294**	**$294**
Agricultural Untreated	**$236**	**$236**

Notes:

[1] The CMC is levied on each cubic foot per second of connected capacity per month. The maximum CMC is $5,000 per month per connection.

Attachment C

2001-02 READINESS-TO-SERVE (RTS) CHARGE

Member Agency		3-Year Average Demands (Acre-Feet) [1]	RTS Share	RTS CHARGES: 6 months @ $80 million per year (7/00-12/00)	RTS CHARGES: 6 months @ $80 million per year (1/01-6/01)	RTS CHARGES: Total RTS Charge Revenues
Anaheim		18,709	1.24%	$ 494,708	$ 494,708	$ 989,416
Beverly Hills		12,941	0.86%	342,189	342,189	684,379
Burbank		16,523	1.09%	436,905	436,905	873,811
Calleguas MWD		87,849	5.81%	2,322,926	2,322,926	4,645,852
Central Basin MWD		69,047	4.56%	1,825,759	1,825,759	3,651,517
Coastal MWD		39,958	2.64%	1,056,580	1,056,580	2,113,160
Compton		3,725	0.25%	98,497	98,497	196,995
Eastern MWD		48,240	3.19%	1,275,575	1,275,575	2,551,149
Foothill MWD		7,961	0.53%	210,507	210,507	421,014
Fullerton		7,457	0.49%	197,180	197,180	394,360
Glendale	(a)	26,456	1.75%	699,556	699,556	1,399,113
Inland Empire Utilities Agency		34,369	2.27%	908,794	908,794	1,817,588
Las Virgenes MWD		18,014	1.19%	476,331	476,331	952,662
Long Beach	(a)	42,539	2.81%	1,124,827	1,124,827	2,249,655
Los Angeles		164,220	10.86%	4,342,348	4,342,348	8,684,696
Municipal Water District of Orange County		177,584	11.74%	4,695,722	4,695,722	9,391,445
Pasadena		14,824	0.98%	391,980	391,980	783,960
San Diego County Water Authority		407,484	26.94%	10,774,798	10,774,798	21,549,596
San Fernando	(b)	106	0.01%	2,803	2,803	5,606
San Marino	(a)	1,327	0.09%	35,089	35,089	70,178
Santa Ana		12,633	0.84%	334,045	334,045	668,090
Santa Monica		5,008	0.33%	132,423	132,423	264,846
Three Valleys MWD		58,267	3.85%	1,540,711	1,540,711	3,081,422
Torrance	(a)	20,311	1.34%	537,069	537,069	1,074,137
Upper San Gabriel Valley MWD		7,163	0.47%	189,406	189,406	378,812
West Basin MWD		153,155	10.12%	4,049,764	4,049,764	8,099,529
Western © MWD		56,860	3.76%	1,503,507	1,503,507	3,007,014
MWD Total		1,512,730	100.00%	$ 40,000,000	$ 40,000,000	$ 80,000,000

(1) Average AF Sales = (FY93-94 + FY 94-95 + FY 95-96 AF Adjusted Sales)/3

(a) Maximum RTS charge is New Demand Charge Base (FY 1995-96 = base)
(b) Minimum RTS is 50% of FY 1995-96 RTS charge

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

ENGINEER'S REPORT

PROGRAM TO LEVY READINESS-TO-SERVE CHARGE, INCLUDING LOCAL OPTION FOR STANDBY CHARGE, DURING FISCAL YEAR 2001-2002

December 2000

BACKGROUND

The Metropolitan Water District of Southern California is a public agency with a primary purpose to provide imported water supply for domestic and municipal uses at wholesale rates to its member public agencies. More than 17 million people reside within Metropolitan's service area, which covers over 5,000 square miles and includes portions of the six counties of Los Angeles, Orange, Riverside, San Bernardino, San Diego and Ventura. Currently, Metropolitan provides over 50 percent of the water used within its service area.

REPORT PURPOSES

As part of its role as an imported water supplier, Metropolitan builds capital facilities and implements water management programs which ensure reliable high quality water supplies throughout its service area. The purpose of this report is to: (1) identify and describe those facilities and programs which will be financed in part by Metropolitan's readiness-to-serve (RTS) charge in FY 2001-2002, and (2) describe the method and basis for levying Metropolitan's standby charge for those agencies electing to collect a portion of their RTS obligations through Metropolitan's standby charge.

Metropolitan levies the RTS charge on its member agencies to recover a portion of the debt service on bonds issued to finance capital facilities needed to meet existing demands on Metropolitan's system. The standby charge is levied on parcels of land within certain of Metropolitan's member agencies as a method of collecting part or all of such member agency's RTS charge obligation. The RTS charge will partially pay for the facilities and programs described in this report. The standby charge, if levied, will be utilized solely for capital payments and debt service on the capital facilities identified in this report.

METROPOLITAN'S RESPONSE TO INCREASING WATER DEMANDS

To respond to increasing demands for water, Metropolitan and its member agencies collectively examined the available local and imported resource options in order to develop a least-cost plan that meets the reliability and quality needs of the region. The product of this intensive effort was an Integrated Resources Plan (IRP) for achieving a reliable and affordable water supply for Southern California. The major objective of the IRP was to develop a comprehensive water resources plan that ensures (1) reliability, (2) affordability, (3) water quality, (4) diversity of supply, and (5) adaptability for the region, while recognizing the environmental, institutional, and political constraints to resource development. As these constraints change over time, the IRP is periodically revisited and updated by Metropolitan and the member agencies to reflect current conditions. The IRP will be updated in 2001. To meet the water supply needs of existing and future customers within its service area, Metropolitan continues to identify and develop additional water supplies to maintain the reliability of the imported water supply and delivery system. These efforts include the construction of capital facilities and implementation of demand management programs.

Capital Facilities

The capital facilities include the State Water Project (SWP), the Colorado River Aqueduct (CRA), storage facilities including the recently completed Diamond Valley Lake (DVL), and additional conveyance and distribution system components. The benefits of these capital facilities are both local and system-wide, as the facilities directly contribute to the reliable delivery of water supplies throughout Metropolitan's service area.

State Water Project

In 1960, Metropolitan contracted with the California Department of Water Resources (DWR) to receive SWP supplies. Under this contract Metropolitan is obligated to pay its allocable portion of the construction and operation and maintenance costs of the SWP system through at least the year 2035, regardless of the quantities of project water Metropolitan takes. Metropolitan is entitled to over 2 million acre-feet of the total SWP entitlements of 4.2 million acre-feet. All Metropolitan member agencies benefit from the SWP supplies which are distributed to existing customers and are available to future customers throughout Metropolitan's service area. The potential benefit of the SWP allocable to the RTS charge in FY 2001-2002 is shown in Table 1.

System Storage Benefits

The Metropolitan system, for purposes of meeting demands during times of shortage, regulating system flows, and to ensure system reliability in the event of a system outage, provides over 1,000,000 acre-feet of system storage capacity. The recently completed DVL provides 800,000 acre-feet of storage capacity for water from the Colorado River Aqueduct and SWP, effectively doubling Southern California’s previous surface water storage capacity. Water stored in system storage during above average supply conditions (surplus) provides a reserve against shortages when supply sources are limited or disrupted. System storage also preserves Metropolitan's capability to deliver water during scheduled maintenance periods, when conveyance facilities

must be removed from service for rehabilitation, repair, or maintenance. The potential benefit of system storage in FY 2001-02 is shown in Table 1.

Conveyance and Distribution System Benefits

Metropolitan has an ongoing commitment, through physical system improvements and the maintenance and rehabilitation of existing facilities, to maintain the reliable delivery of water throughout the entire service area. System improvement projects include additional conveyance and distribution facilities to maintain the dependable delivery of water supplies, provide alternative system delivery capacity, and enhance system operations. Conveyance and distribution system improvement benefits also include projects to upgrade obsolete facilities or equipment, or to rehabilitate or replace spent facilities or equipment. These projects are needed to enhance system operations, comply with new regulations, and maintain a reliable distribution system. A list of conveyance and distribution system facilities is provided in Table 3 along with the FY 2001-02 estimated conveyance and distribution system benefits.

Demand Management Programs

Demand management programs that could be financed by the RTS charge and standby charge include Metropolitan's participation in providing financial incentives to local agencies for the construction and development of local resource programs and conservation projects. Investments in demand side management programs like conservation, water recycling and groundwater recovery reduce the need to provide additional imported water supplies and help defer the need for additional conveyance, distribution, and storage facilities. A summary of the estimated benefits of the demand management programs (as measured by Metropolitan's anticipated expenditures for these programs in FY 2001-02) is shown in Table 1.

Local Resources Program

In 1998, Metropolitan's Board adopted the Local Resources Program (LRP) with the goal of developing local water resources in a cost efficient manner. Financial incentives of up to $250 per acre-foot are provided to member agency-sponsored projects that best help the region achieve its local resource production goals of restoring degraded groundwater resources for potable use and developing recycled supplies. In both instances, the programs provide new water supplies, which help defer the need for additional regional conveyance, distribution and storage facilities.

Combined production from participating recycling and groundwater recovery projects is expected to yield approximately 136,000 acre-feet of water for FY 2001-02 with financial incentive payments of about $24 million. A regional recycling and recovered groundwater goal of 500,000 acre-feet per year has been set for the year 2020. An estimate of potential incentive payments for recycling and groundwater recovery projects is shown in Table 2.

Water Conservation

Metropolitan actively promotes water conservation programs within its service area as a cost effective strategy for ensuring the long-term reliability of supplies and as a means of reducing the

need to expand system conveyance, distribution and treatment capacity. Through programs such as the Conservation Credits Program and other financing mechanisms, Metropolitan reimburses local agencies for a share of their costs of implementing conservation projects. Since Fiscal Year 1990-91, Metropolitan has spent over $100 million to support local conservation projects.

In 1991, Metropolitan agreed to implement conservation "Best Management Practices" (BMPs). By signing the Memorandum of Understanding Regarding Urban Water Conservation in California, Metropolitan committed to implement proven and reliable water conserving technologies and educational programs for conservation within its jurisdiction. Based on Metropolitan's IRP, the Conservation Credits Program, in conjunction with plumbing codes and other conservation efforts, is expected to save over 500,000 acre-feet in FY 2000-01. By 2020, it is assumed that conservation practices will save 880,000 acre-feet, reducing total water demand by about 15 percent. Conservation is a critical element of Metropolitan's demand management program, effectively increasing the reliability of existing water supplies by lessening the need to import additional water while at the same time deferring the need to expand system capacity. An estimate of the potential benefits of water conservation projects is given in Table 2.

LONG-RANGE FINANCIAL PLANNING

Metropolitan's major capital facilities are financed largely from the proceeds of revenue bond issues, which are repaid over future years. The principal source of revenue for repayment of these bonds is water sales, which is currently Metropolitan's largest source of revenue. In addition, *ad valorem* property taxes provide an additional limited revenue source, which is used to pay pre-1978 voter-approved indebtedness.

Since the passage of Article XIIIA of the California Constitution, Metropolitan has necessarily relied more on water sales revenue than on *ad valorem* property taxes for the payment of construction debt. Water sales have become the dominant source of revenue, not only for operation and maintenance of the vast network of facilities supplying water to Southern California, but also for replacement and improvement of capital facilities.

The increased reliance on highly variable water sales revenue increases the probability of substantial rate swings from year to year mainly resulting from changing weather patterns. The use of water rates as a primary source of revenue has placed an increasing burden on rate payers, which might more equitably be paid in part by assessments on land that in part derives its value from the availability of water. In December 1993, Metropolitan's Board approved a revenue structure that included additional charges to establish a commitment to Metropolitan's capital improvement program and provide revenue stability. This revenue structure included the RTS charge.

Readiness-To-Serve Charge

As noted above, Metropolitan levies the RTS charge on its member agencies to recover a portion of the debt service on bonds issued to finance capital facilities needed to meet existing demands on Metropolitan's system. The estimated potential benefits that could be paid by an RTS charge

in FY 2000-01 are shown in Table 1. Potential benefits are estimated to be over $249 million in FY 2000-01.

Although the RTS charge could be set to recover the entire potential benefit amount, the General Manager is recommending that the RTS charge only recover a portion of the non-tax supported debt service that has been or will be issued to fund capital facilities. For FY 2001-02, this amount is estimated to be $80,000,000 (see Table 4). The conveyance and distribution system capital facilities considered for the RTS are shown in Table 3. These funds, when combined with Metropolitan's overall financial resources, will result in greater water rate stability for all users throughout Metropolitan's service area. Continuing a formula approved during the Rate Refinement process, the RTS charge for FY 2001-02 is allocated to each member agency on the basis of a three-year average of historic water purchases from Metropolitan for Fiscal Years 1993-94, 1994-95, 1995-96. This average includes sales for consumptive demands, agriculture, and storage. The estimated FY 2001-02 RTS for each member agency is shown in Table 4.

Standby Charge Option

Metropolitan's standby charge is authorized by the State Legislature and has been levied by Metropolitan since FY 1992-93. The standby charge recognizes that there are economic benefits to lands that have access to a water supply, whether or not such lands are using it. Utilization of the standby charge transfers some of the burden of maintaining Metropolitan's capital infrastructure from water rates and *ad valorem* taxes to all the benefiting properties within the service area. A fraction of the value of this benefit and of the cost of providing it can be effectively recovered, in part, through the imposition of a standby charge. The projects to be supported in part by a standby charge are capital projects that provide both local and Metropolitan-wide benefit to current landowners as well as existing water users. The estimated potential benefits system-wide are several times the amount to be recovered by means of the standby charge.

Metropolitan will levy standby charges only within the service areas of the member agencies that request that the standby charge be utilized. The standby charge for each acre or parcel of less than an acre will vary from member agency to member agency, as permitted under the legislation establishing Metropolitan's standby charge. The water standby charge for each member agency will be the same as those imposed by Metropolitan in FY 1996-97 and is shown in Table 5.

The proposed standby charge includes the re-imposition of water standby charges on: 1) parcels which water standby charges have been imposed in FY 1996-97 and annually thereafter ("pre-1997 standby charges") and 2) parcels annexed to Metropolitan and to an electing member agency after January 1997 ("annexation standby charges"). Only land within member agencies which standby charges were imposed in FY 1996-97 will be subject to the re-imposition of pre-1997 standby charges for FY 2001-02. Only land annexed to Metropolitan and to an electing member public agency with respect to which standby charges were approved in accordance with the procedures of Article XIIID, Section 4 of the California Constitution will be subject to the imposition or re-imposition, as applicable, of annexation standby charges for FY 2000-01. Table 6 includes a table of parcels subject to annexation standby charges, by county, including the proposed standby charge for each parcel annexed after June 1999.

All non-exempt parcels within the areas served by member agencies which utilized the standby charge to recover all or a portion of that agency's RTS obligation, and which are not listed in Table 6 as being subject to annexation standby charges, shall be subject to pre-1997 standby charges. A list of parcels subject to pre-1997 standby charges is on file with the Executive Secretary.

The estimated potential benefits of Metropolitan's water supply program, which could be paid by a standby charge, is approximately $249 million for FY 2001-02, as shown in Table 1. An average total standby charge of $59.56 per acre of land or per parcel of less than one acre would be necessary to pay for the total potential program benefits. Benefits in this amount will accrue to each acre of property and parcel within Metropolitan, as these properties are eligible to use water from the Metropolitan system. Because only properties located within Metropolitan's boundaries may receive water supplies from Metropolitan (except for certain contractual deliveries as permitted under Section 131 of the Metropolitan Water District Act), any benefit received by the public at large or by properties outside of the proposed area to be annexed is merely incidental.

Table 5 shows that the distribution of standby charge revenues from the various member agencies would provide a net revenue flow of approximately $42 million for FY 2001-02. This total amount is less than projected collections from the RTS charge. Metropolitan will use other revenue sources, such as water sales revenues, readiness-to-serve charge revenues (except to the extent collected through standby charges, as described above), interest income, and revenue from sales of hydroelectric power, to pay for the remaining program benefits. Thus, the benefits of Metropolitan's investments in water conveyance, storage, distribution and supply programs far exceed the recommended standby charge.

Equity

The RTS charge is a firm revenue source. The revenues to be collected through this charge will not vary with sales in the current year. This charge is levied on Metropolitan's member agencies and is not a fee or charge upon real property or upon persons as an incident of property ownership. It ensures that agencies that only occasionally purchase water from Metropolitan but receive the reliability benefits of Metropolitan's system pay a greater share of the costs to provide that reliability. Within member agencies that elect to pay the RTS charge through Metropolitan's standby charges, the standby charge results in lower water rates than would otherwise be necessary due to the amount of revenue collected from lands which benefit from the availability of Metropolitan's water supply. With the standby charge, these properties are now contributing a more appropriate share of the cost of importing water to Southern California.

Metropolitan's water supply program increases the availability and reliable delivery of water throughout Metropolitan's service area. Increased water supplies benefit existing consumers and land uses through direct deliveries to consumers and properties, and through the replenishment of groundwater basins and reservoir storage as reserves against shortages due to droughts, natural emergencies, or scheduled facility shut-downs for maintenance. The benefits of reliable water supplies from the SWP, CRA, DVL, and system improvements accrue to more than 250 cities and communities within Metropolitan's six-county service area. Metropolitan's regional water

system is interconnected, so water supplies from the SWP and DVL can be used interchangeably throughout most of the service area and therefore benefit water users and properties system-wide.

Additional Metropolitan deliveries required in the coming fiscal year due to the demands of property development will be reduced by the implementation of demand management projects, including water conservation, water recycling, and groundwater recovery projects. As with the SWP, DVL and the conveyance and distribution facilities, demand management programs increase the future reliability of water supplies. In addition, demand management programs provide system-wide benefits by effectively decreasing the demand for imported water, which helps to defer construction of additional system conveyance and distribution capacity. However, the abilities of each member agency to implement these projects under Metropolitan's financial assistance programs vary and are generally represented by the historic use of imported Metropolitan water.

A major advantage of a firm revenue source, such as a RTS charge, is that it contributes to revenue stability during times of drought or low water sales. It affords Metropolitan additional security, when borrowing funds, that a portion of the revenue stream will be unaffected by drought or by rainfall. This security will help maintain Metropolitan's historically high credit rating, which results in lower interest expense to Metropolitan, and therefore, lower overall cost to the residents of its service area.

SUMMARY

The foregoing and the attached tables describe the current benefits provided by the projects listed as mainstays to the water supply system for Metropolitan's service area. Benefits are provided to both water users and property owners. The projects represented by this report provide both local benefits as well as benefits throughout the entire service area. It is recommended, for FY 2001-02, that the RTS charge be imposed with an option for local agencies to request that a standby charge be imposed on lands within Metropolitan's service area as a credit against such member agency's RTS, up to the standby charge per acre or parcel of less than one acre levied by Metropolitan within the applicable member agency for FY 1995-96. The maximum standby charge would not exceed $15 per acre of land or per parcel of less than one acre. The benefits described in this Engineer's Report exceed the recommended charge. A listing of all parcels in the service area and the proposed 2001-2002 standby charge for each is available in the office of the Chief Financial Officer.

Prepared Under the Supervision Of:

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Water Resources Management

Prepared Under the Supervision Of:

Brian G. Thomas
Chief Financial Officer

TABLE 1

ESTIMATED DISTRIBUTION OF BENEFITS OF WATER SUPPLY PAYABLE BY STANDBY CHARGE

Water Conveyance, Storage, Distribution and Supply Program	Estimated Potential Program Benefits for FY2001-02	Dollars Per Parcel of 1 Acre or Less
Net Capital Payments to State Water Project (less portion paid by property taxes)	$59,370,868	$14.18
Non Tax Supported Debt Service Costs for System Storage [1]	77,458,358	18.51
Non Tax Supported Debt Service Costs for Conveyance and Distribution System [2]	74,420,344	17.78
Sub-Total Capital Payments	**211,249,570**	**50.47**
less Estimated Standby Charge Revenues	(42,143,840)	(10.07)
Remaining capital payments recovered by RTS, Water Rate, Interest Income and Other Revenues	169,105,730	40.40
Demand Management Programs: Water Recycling, Groundwater Recovery and Water Conservation Projects	**38,042,499**	**9.09**
Sub-Total Capital, Debt Service and Water Management Programs Costs not Paid by Standby Charge Revenues	207,148,229	49.49
Total Benefits: Capital and Water Management Programs	**$249,292,069**	**$59.56**

Notes:

[1] System storage includes Diamond Valley Lake, Lake Mathews, Lake Skinner and several other smaller surface reservoirs which provide regulatory storage for operational purposes.

[2] Conveyance and Distribution facilities include the Colorado River Aqueduct and the pipelines, laterals, feeders and canals that distribute water throughout the service area.

TABLE 2

WATER RECYCLING, GROUNDWATER RECOVERY AND CONSERVATION PROJECTS

Project Name	FY 2001-02 Payment
Water Recycling Projects	**$17,311,315**
Burbank Reclaimed Water System Expansion Project	
Calabasas Reclaimed Water System Expansion	
Carbon Canyon Reclamation Project	
Century Reclamation Program	
Cerritos Reclaimed Water Expansion Project	
Conejo Creek Diversion Project	
Eastern Reach 1, Phase II Water Reclamation Project	
Eastern Regional Reclaimed Water System	
Encina Basin Water Reclamation Project Phase I	
Escondito Regional Reclaimed Water Project	
Fallbrook Reclamation Project	
Glendale Water Reclamation Expansion Project	
Glendale Verdugo-Scholl Canyon Reclaimed Water Project	
Glendale Brand Park Reclaimed Water Project	
Green Acres Reclamation Project	
Irvine Ranch Reclamation Project	
Lakewood Water Reclamation Project	
Las Virgenes Reclamation Project	
Long Beach Reclamation Project	
Long Beach Reclaimed Water Master Plan Phase 1	
Los Angeles Greenbelt Project	
Moulton Niguel Water Reclamation Project	
North City Water Reclamation Project	
Oak Park/North Ranch Reclaimed Water Distribution System	
Oceanside Water Reclamation Project	
Otay Water Reclamation Project, Phase 1	
Padre Dam Reclaimed Water System Phase I	
Rancho California Reclamation Expansion Project	
Rancho Santa Fe Reclaimed Water System	
Rio Hondo Water Reclamation Program	
San Clemente Water Reclamation Project	
San Elijo Water Reclamation System	
San Pasqual Water Reclamation Project	
Santa Margarita Water Reclamation Expansion Project	
Santa Monica Dry-Weather Runoff Reclamation Facility	
Ramona/Santa Maria Water Reclamation Project	
Sepulveda Basin Water Reclamation Project	
Shadowridge Water Reclamation Project	
South Laguna Reclamation Expansion Project	
South Laguna Reclamation Project	
Trabuco Canyon Reclamation Expansion Project	
West Basin Water Reclamation Project	

TABLE 2 (Continued)

WATER RECYCLING, GROUNDWATER RECOVERY AND CONSERVATION PROJECTS

Project Name	FY 2001-02 Payment
Groundwater Recovery Projects	**$6,944,184**
Arlington Basin Groundwater Desalter Project	
Beverly Hills Desalter	
Burbank Lake Street Plant	
Capistrano Beach Desalter	
Chino Basin Desalination Program, Phase I	
Colored Water Treatment Facility	
Glenwood Nitrate Water Reclamation Project	
Irvine Desalter Project	
Lower Sweetwater River Groundwater Demineralization Project, Phase I	
Madrona Desalination Facility Project	
Menifee Basin Desalter	
Oceanside Desalter - Phase I	
Oceanside Desalter, Phase II	
Rowland Groundwater Treatment Plant	
San Juan Basin Desalter	
Santa Monica GW Treatment Plant	
Sepulveda Desalination Facility Project	
Temescal Basin Desalting Facility	
Tustin Desalter Project	
West Basin (No. 1)	
Westlake Wells - Tapia WRF Intertie Project	
Conservation Projects	**$13,787,000**
Commercial and Industrial Water Evaluations and Retrofits	
Indoor and Outdoor Residential Water Audits	
Landscape Education Programs	
Landscape Water Conservation	
Pilot Projects for "Potential" Best Management Practices	
Showerhead Retrofits	
Ultra-low-flush Toilet Retrofits	
Water and Energy Conservation Partnership	
Total	**$38,042,499**

Table 3

CONVEYANCE AND DISTRIBUTION SYSTEM BENEFITS

Description
Conveyance and Aqueduct Facilities
LITLE MORONGO CIRCULAR SIPHON
FAN HILL EXPERIMENTAL
FAN HILL EXPERIMENTAL SIPHON & TRANSITIONS
MECCA PASS TUNNELS
WHITEWATER TUNNELS
TUNNEL WATER INVESTIGATIONS
HAYFIELD TUNNEL NO. 2
CASA LOMA SIPHON- CENTER PORTION SCHEDULE 20C
BERNASCONI TUNNEL
CASA LOMA SIPHON- WEST PORTION SCHEDULE 20
COTTONWOOD TUNNEL
HAYFIELD TUNNEL NO. 1
COLORADO RIVER ACQUEDUCT & COVER CONDUIT, SCHEDULE 7
COLORADO RIVER ACQUEDUCT, CONCRETE LINED CANAL, SCHEDULE 7A
COLORADO RIVER TUNNEL
COPPER BASIN TUNNELS NO. 1 & 2
WEST EAGLE MOUNTAIN TUNNEL, WEST PORTION
COLORADO RIVER ACQUEDUCT, CONCRETE LINED CANAL, SCHEDULE 10
COLORADO RIVER ACQUEDUCT, 10 BOX SIPHONS, SCHEDULE 10A
COLORADO RIVER ACQUEDUCT, CIRC. SIPHON, SCHEDULE 10B
COLORADO RIVER ACQUEDUCT CUT & COVER CONDUIT SK.14
COLORADO RIVER ACQUEDUCT, CIRCULAR SIPHON, SK. 14A
COLORAD0 RIVER ACQUEDUCT, CONDUIT SCHEDULE 1
COLORADO RIVER ACQUEDUCT, 3 SIPHONS, SCHEDULE 1A
COLORADO RIVER ACQUEDUCT, 2 HALF-CAP SIPHONS, SCHEDULE 1B
HALF CAP CIRC. SIPHONS SCHEDULE 18J
CONDUIT SCHEDULE 23
CIRCULAR SIPHONS SCHEDULE 20
PERRIS VALLEY SIPHON SCHEDULE 22
VAL VERDE TUNNEL
IRON MOUNTAIN TUNNEL, EAST PORTION
COLORADO RIVER ACQUEDUCT, LINED CANAL SCHEDULE 5
COLORADO RIVER ACQUEDUCT, 12 HALF-CAP SIPHONS, SCHEDULE 5A
COLORADO RIVER ACQUEDUCT CANAL SCHEDULE 13
COLORADO RIVER ACQUEDUCT, 6 BOX SIPHONS, SCHEDULE 13B
COLORADO RIVER ACQUEDUCT CUT & COVER CONDUIT SK.13A
WHIPPLE MOUNTAIN TUNNEL
IRON MOUNTAIN TUNNEL, WEST PORTION
COLORADO RIVER ACQUEDUCT, LINED CANAL SCHEDULE 4A
COLORADO RIVER ACQUEDUCT, 10 HALF-CAP SIPHONS, SCHEDULE 4A
COXCOMB TUNNEL
WEST EAGLE MOUNTAIN TUNNEL, EAST PORTION
COACHELLA TUNNELS

Table 3

CONVEYANCE AND DISTRIBUTION SYSTEM BENEFITS

Description	
COLORADO RIVER ACQUEDUCT , CONCRETE LINED CANAL, SCHEDULE 9	
COLORADO RIVER ACQUEDUCT, 8 BOX SIPHONS, SCHEDULE 9B	
COLORADO RIVER ACQUEDUCT & COVER CONDUIT SCHEDULE 9A	
COLORADO RIVER ACQUEDUCT, CONDUIT SCHEDULE 2	
COLORADO RIVER ACQUEDUCT, CONDUIT, SCHEDULE 3 (ACCTG RECORDS - LINED CANAL?)	
COLORADO RIVER ACQUEDUCT, 8 HALF-CAP SIPHONS, SCHEDULE 3B	
COLORADO RIVER ACQUEDUCT, 12 HALF-CAP SIPHONS, SCHEDULE 3A	
COLORADO RIVER ACQUEDUCT, 7 HALF-CAP SIPHONS, SCHEDULE 2B	
COLORADO RIVER AQUEDUCT, 10 HALF-CAP SIPHONS SCHEDULE 17B	
CUT-AND-COVER CONDUIT SCHEDULE 17;17A	
COLORADO RIVER ACQUEDUCT CANAL SCHEDULE 11	
COLORADO RIVER ACQUEDUCT, 9 BOX SIPHONS, SCHEDULE 11B	
COLORADO RIVER ACQUEDUCT CUT & COVER CONDUIT SK.11A	
COLORADO RIVER ACQUEDUCT, CIRC. SIPHON, SCHEDULE 11C	
EAST EAGLE MOUNTAIN TUNNEL	
COLORADO RIVER AQUEDUCT, 1 BOX SIPHON, SCHEDULE HAYFIELD	
COLORADO RIVER ACQUEDUCT, LINED CANAL SCHEDULE 8	
COLORADO RIVER ACQUEDUCT, FRIDAY HALF-CAP SIPHON, SCHEDULE 6	
COLORADO RIVER ACQUEDUCT, HALF-CAP SIPHONS, SCHEDULE 8A	
COLORADO RIVER ACQUEDUCT, HALF-CAP SIPHONS, SCHEDULE 8B	
COLORADO RIVER ACQUEDUCT CUT & COVER CONDUIT SK.15	
COLORADO RIVER ACQUEDUCT, 2 CIRCULAR SIPHONS, SK. 15A	
COLORADO RIVER ACQUEDUCT, 2 16 FT.,CIRCULAR SIPHONS, SK.15B	
CONDUIT SCHEDULE 18	
HALF CAP CIRC. SIPHONS SCHEDULE 18A	
COLORADO RIVER ACQUEDUCT CUT & COVER CONDUIT SK.12	
COLORADO RIVER ACQUEDUCT, 2 CIRCULAR SIPHONS, SCHEDULE 12A	
COLORADO RIVER ACQUEDUCT, GENE INLET SIPHON	
COLORADO RIVER ACQUEDUCT, COPPER BASIN SIPHON	
CUT-AND-COVER CONDUIT, SCHEDULE 16	
COLORADO RIVER AQUEDUCT, 4 SIPHONS , SCHEDULE 16B	
COLORADO RIVER AQUEDUCT, 2 HALF-CAP SIPHONS, SCHEDULE 16A	
CONDUIT SCHEDULE 19	
HALF CAP CIRC. SIPHONS SCHEDULE 19A	
SAN JACINTO TUNNEL	
CASA LOMA SIPHON- EAST PORTION SCHEDULE 20A; 20B	
GATES, FOUR SAN JACINTO TUNNEL - CRA (ORG CONST)	
BLOWOFF AT WIDE CANYON SIPHON- CRA (INTERIM CONST)	
SAN JACINTO TUNNEL: ADDITIONAL GROUTING	
SAN JACINTO TUNNEL:SECOND BARREL OF CASA LOMA SIPHONS	
SAN JACINTO TUNNEL: EXPANSION OF SIPHONS (EAST OF TUNNEL)	
SAN JACINTO TUNNEL: EXPANSION OF SIPHONS (EAST OF TUNNEL)	
EAST BRANCH AQUEDUCT STUDIES	
CANAL CURB ALONG COLORADO RIVER AQUEDUCT	
CASA LOMA SIPHON- REPLACE FIRST BARREL	
SAND TRAP STUDY	
CASA LOMA PIPELINE-CONSTRUCT OVERFLOW BASIN & DRAIN LINE	
BERNASCONI TUNNEL NO.2, SCH. 311	
MODIFY STRUCTURE EAST WIDE CANYON SIPHON	
REPAIR DETERIORATED JOINTS IN CRA LAKEVIEW SIPHON	
INLAND FEEDER PROJECT	
Sub-Total Conveyance and Aqueduct Facilities Benefits	**$ 26,377,217**

Table 3

CONVEYANCE AND DISTRIBUTION SYSTEM BENEFITS

Description

Distribution Facilities

PORTION OF CASA LOMA SIPHON
CASA LOMA CANAL, SCHEDULE 11C (SPEC NO. 554)
CASA LOMA CANAL, SCHEDULE 11C (SPEC NO. 554)
SECOND SAN DIEGO ACQUEDUCT, SCHEDULE SD4C (SPEC NO. 554)
SECOND SAN DIEGO ACQUEDUCT, SCHEDULE SD2C (SPEC N0. 554)
SECOND SAN DIEGO ACQUEDUCT, SCHEDULE SD3C (SPEC NO. 554)
SECOND SAN DIEGO ACQUEDUCT, SCHEDULE SD1C (SPEC NO. 554)
SECOND SAN DIEGO ACQUEDUCT, MISCELLANEOUS CREDITS (SPEC NO. 554)
ORANGE COUNTY FEEDER SCHEDULE 34P
ORANGE COUNTY FEEDER SCHEDULE 37SC
ORANGE COUNTY FEEDER SCHEDULE 35P
ORANGE COUNTY FEEDER SCHEDULE 36P
ORANGE COUNTY FEEDER EXTENSION SCHEDULE 42S
METER & CHLORINATION EQUIPMENT - ORANGE COUNTY FEEDER
VALVE, 20" SECTIONALIZING - ORANGE COUNTY FEEDER (ORG CONST)
KIMBERLY STORM CHANNEL-ORANGE COUNTY FEEDER (ORG CONST)
STATION 1278+00 TO 1291+00 - ORANGE COUNTY FEEDER (ORG CONST)
EAGLE ROCK-PALOS VERDES FEEDER SCHEDULE 23SC
EAGLE ROCK-PALOS VERDES FEEDER SCHEDULE 21SC
EAGLE ROCK-PALOS VERDES FEEDER SCHEDULE 22SC
EAGLE ROCK-PALOS VERDES FEEDER SCHEDULE 24SC
EAGLE ROCK-PALOS VERDES FEEDER SCHEDULE 25SC
VALVES - PALOS VERDES FEEDER
PALOS VERDES FDR - WASHINGTON ST. PCS REHABILITATION
PALOS VERDES FDR - MODIFICATION OF CITY OF L A SERVICE CONNECTIONS
PALOS VERDES FEEDER-REHAB DOMINGUEZ CHAN (Project 100851)
SANTA MONICA FEEDER SCHEDULE 29SC (SPEC NO. 328)
SANTA MONICA FEEDER SCHEDULE 30SC
HOLLYWOOD TUNNEL (SPEC NO. 329)
SANTA MONICA FEEDER SCHEDULE 32C1 (SPEC NO. 333)
SANTA MONICA FEEDER SCHEDULE 33C1
SANTA MONICA FEEDER SCHEDULE 31P
TURNOUT STRUCTURE, SERVICE CONNECTION G-2-SANTA MONICA FEEDER (ORG CONST)
SANTA MONICA FDR - HOLLYWOOD TNL. REPLACE 16" PLETON SLEEVE VALVE
SANTA MONICA FDR SUNSET RELIEF STRUCTURE
Santa Monica Feeder-Replace Cast Iron Flanges (Project 102725)
SIERRA MADRE TUNNEL
PASADENA TUNNEL EXTENSION
UPPER FEEDER SCHEDULE 8P
PASADENA TUNNELS
MONROVIA TUNNELS NO.1 & NO.2
UPPER FEEDER SCHEDULE 4P
UPPER FEEDER SCHEDULE 5P
UPPER FEEDER SCHEDULE 10P
SAN RAFAEL TUNNELS NO. 1 & NO. 2
UPPER FEEDER SCHEDULE 2S
SANTA ANA RIVER BRIDGE SCHEDULE 2B
UPPER FEEDER SCHEDULE 11P
UPPER FEEDER SCHEDULE 3P
UPPER FEEDER SCHEDULE 1P
UPPER FEEDER SCHEDULE 7P
UPPER FEEDER SCHEDULE 6P

Table 3

CONVEYANCE AND DISTRIBUTION SYSTEM BENEFITS

Description
MONROVIA TUNNEL NO. 4
MONROVIA TUNNELS NO.3
UPPER FEEDER SCHEDULE 9P
SAN GABRIEL CANYON CROSSING SCHEDULE 8C
MONROVIA CANYON CROSSING SCHEDULE 9C
EAGLE ROCK CANYON CROSSING SCHEDULE 12C
MORRIS RESERVOIR CONNECTION (SPEC NO. 338)
REPLACE EXISTING EQP. ON UPPER FDR FROM LK.MATHEWS TO EAGLE ROCK
REPLACE EQUIPMENT ON UPPER FEEDER IN EAGLE ROCK (replace 115)
VALVE-HOLLYWOOD TUNNEL CONTROL STRUCTURE - SANTA MONICA FEEDER (INTERIM CONST)
WEST BASIN LATERAL EXTENSION
WEST BASIN LATERAL: STA.4+95 TO 355+19, SCH.43P (SPEC NO. 378)
WEST BASIN LATERAL: STA.4+95 TO 355+19, SCH.43P (SPEC NO. 378)
GARVEY-ASCOT CROSS CONNECTION: STA. 134+00 TO 147+00 (SPEC NO. 401 & 410)
GARVEY-ASCOT CROSS CONNECTION: STA. 134+00 TO 147+00 (SPEC NO. 401 & 410)
REMOVAL OF VALVE G-205 FROM MIDDLE FDR CEN. B-37
ORANGE COUNTY FEEDER EXTN.TERMINUS REVISION:STA.2053+43 TO 2134+81
VICTORIA ST. LATERAL EXTN. & VICTORIA ST.-223RD ST. CROSS FEEDER (SPEC NO. 406)
LOWER FEEDER: CAJALCO TUNNEL: STA. 1+00 TO 80+00 (SPEC NO. 413)
MIDDLE CROSS FEEDER:STA.285+40 TO 360+62.29(WADSW0RTH-FIGUEROA ST) (SPEC 452, SCH 54SC)
MIDDLE CROSS FEEDER:STA.285+40 TO 360+62.29(WADSW0RTH-FIGUEROA ST) (SPEC 452, SCH 55SC)
LOWER FEEDER:STA. 77+45 TO 282+50(CAJALCO TNL.TO E. BND.OF CORONA) SCH 70P (SPEC 438)
LOWER FEEDER: CAJALCO TUNNEL TO CORONA PIPELINE, SCH 71P (SPEC NO. 438)
SAN JUAN TUNNEL (SPEC NO. 437)
LOWER FEEDER: STA. 663+00 TO 793+80, SCH. 73SC (SPEC 455)
LOWER FEEDER: STA. 793+80 TO 919+54 SCH. 72, 73, 74 (SPEC NO. 455)
LOWER FEEDER:STA.524+05 TO 663+00(W.BND.OF CORONA TO SA RIVER CYN.)
MIDDLE FEEDER: STA. 244+75 TO 247+45 (SPEC NO. 416)
MIDDLE FEEDER: STA. 244+75 TO 247+45 (SPEC NO. 416)
MIDDLE FEEDER: STA. 244+75 TO 247+45 (SPEC NO. 416)
WEST ORANGE COUNTY FEEDER- STA.0/03 TO 458/90, SCH. 60SC (SPEC #427)
MIDDLE FEEDER: STA.944+00 TO 1105+50 (SO SAN GABE-GARVEY RSVR) SCH 59A (SPEC 498)
MIDDLE FEEDER: STA.944+00 TO 1105+50 (SO SAN GABE-GARVEY RSVR) SCH 59A (SPEC 498)
LOWER FEEDER: STA. 988+54.00 TO 1031+52.75 (SCH. 75P)
MIDDLE FEEDER: STA. 550+00 TO 759+00 (BALDWIN PK-SO SAN GABE) SCH 58SC (SPEC 491)
MIDDLE FEEDER: STA. 759+00 TO 944+00 (BALDWIN PK-SO SAN GABE) SCH 59SC (SPEC 491)
MIDDLE FEEDER: STA. 550+00 TO 759+00 (BALDWIN PK-SO SAN GABE) SCH 58SC (SPEC 491)
MIDDLE FEEDER: STA. 759+00 TO 944+00 (BALDWIN PK-SO SAN GABE) SCH 59SC (SPEC 491)
MIDDLE CROSS FEEDER: STA 0+09.98 TO 285+40-GARFIELD-WADSWORTH AVE(SPEC 453)
MIDDLE CROSS FEEDER: STA 0+09.98 TO 285+40-GARFIELD-WADSWORTH AVE(SPEC 453)
MIDDLE CROSS FEEDER: STA 0+09.98 TO 285+40-GARFIELD-WADSWORTH AVE(SPEC 453)
WESTORANGE COUNTY FEEDER EXT - STA. 459+01 TO 685+00, SCH. 61SC (SPEC#482)
CULVER CITY FEEDER: STA.0+12.07 TO 261+00, SCH. 62, 63,64 (SPEC NO. 512)
CULVER CITY FEEDER: STA.0+12.07 TO 261+00, SCH. 62, 63,64 (SPEC NO. 512)
MIDDLE FEEDER: STA. 7+53.65 TO 301+00 (LA VERNE-GRAND AVE.)SCH 56SC (SPEC 485)
MIDDLE FEEDER: STA. 7+53.65 TO 301+00 (GRAND AVE-BALDWIN PK.)SCH 57SC (SPEC 485)
MIDDLE FEEDER: STA. 7+53.65 TO 301+00 (GRAND AVE-BALDWIN PK.)SCH 57SC (SPEC 485)
MIDDLE FEEDER: STA. 7+53.65 TO 301+00 (LA VERNE-GRAND AVE.)SCH 56SC (SPEC 485)
EAST ORANGE COUNTY FEEDER, SCHEDULE 81P (SPEC #578)
EAST ORANGE COUNTY FEEDER, SCHEDULE 81P (SPEC #578)
EAST ORANGE COUNTY FEEDER NO.2, PRELIMINARY ENGINEERING
EAST ORANGE COUNTY FEEDER NO.2, PRELIMINARY ENGINEERING
EAST ORANGE COUNTY FEEDER NO.2, PRELIMINARY ENGINEERING
EAST ORANGE COUNTY FEEDER NO.2, PRELIMINARY ENGINEERING

Table 3

CONVEYANCE AND DISTRIBUTION SYSTEM BENEFITS

Description
EAST ORANGE COUNTY FEEDER NO.2, PRELIMINARY ENGINEERING
EAST ORANGE COUNTY FEEDER NO.2, PRELIMINARY ENGINEERING
EAST ORANGE COUNTY FEEDER NO.2, PRELIMINARY ENGINEERING
EAST ORANGE COUNTY FEEDER NO.2, PRELIMINARY ENGINEERING
EAST ORANGE COUNTY FEEDER NO.2, PRELIMINARY ENGINEERING
EAST ORANGE COUNTY FEEDER NO.2, PRELIMINARY ENGINEERING
LOWER FEEDER, SCHEDULE 80SC (SPEC NO. 480)
LOWER FEEDER, SCHEDULE 80SC (SPEC NO. 480)
LOWER FEEDER, SCHEDULE 79C (SPEC NO. 480)
LOWER FEEDER, SCHEDULE 79C (SPEC NO. 480)
LOWER FEEDER, SCHEDULE 80SC (SPEC NO. 480)
LOWER FEEDER, SCHEDULE 79C (SPEC NO. 480)
LOWER FEEDER, SCHEDULE 79C (SPEC NO. 480)
LOWER FEEDER, SCHEDULE 79C (SPEC NO. 480)
LOWER FEEDER, SCHEDULE 80SC, MISCELLANEOUS CREDITS (SPEC NO. 480)
LOWER FEEDER, SCHEDULE 80SC, MISCELLANEOUS CREDITS (SPEC NO. 480)
LOWER FEEDER, SCHEDULE 80SC, MISCELLANEOUS CREDITS (SPEC NO. 480)
INTERCONNECT & PRESURE CONTROL STRUCTURE AT LOWER & OC FDR. (SPEC #524)
COYOTE CREEK PRESSURE CONTROL STRUCTURE (SPEC NO. 524)
SAN GABRIEL PRESSURE CONTROL STRUCTURE (SPEC NO. 566)
MIDDLE FEEDER SCHEDULE 78SC (SPEC NO. 524)
MIDDLE FEEDER SCHEDULE 76SC (SPEC NO. 524)
MIDDLE FEEDER SCHEDULE 77SC (SPEC NO. 524)
DISCOUNTS & LIQUIDATING DAMAGES ON E & A WB-1 (SPEC NO. 524)
WEST COAST FEEDER, SCHEDULE 65SC (SPEC. NO. 560)
WEST COAST FEEDER, SCHEDULE 65SC (SPEC. NO. 560)
WEST COAST FEEDER, SCHEDULE 66SC (SPEC NO. 560)
WEST COAST FEEDER, SCHEDULE 66SC (SPEC NO. 560)
WEST COAST FEEDER, SCHEDULE 65SC (SPEC. NO. 560)
WEST COAST FEEDER, SCHEDULE 65SC (SPEC. NO. 560)
WEST COAST FEEDER, SCHEDULE 67SC (SPEC NO. 560)
WEST COAST FEEDER, DISCOUNTS & MISCELLANEOUS CREDITS (SPEC NO. 560)
WEST COAST FEEDER, DISCOUNTS & MISCELLANEOUS CREDITS (SPEC NO. 560)
INTERCONNECT EAST ORANGE COUNTY FDR. NO.2 & ORG COUNTY FDR. (SPEC #681)
SOUTH COAST FEEDER, SCH 68 PS AND 69PS (SPEC NO. 667)
LOWER FEEDER- CONSTRUCTION OF BLOWOFF STRUCTURE AT STA. 80+40
IMPROVEMENTS TO PUDDINGSTONE SPILLWAY ON UPPER FEEDER
ORANGE COUNTY FEEDER EXTENSION- VALVE STRUCTURE
ORANGE COUNTY FEEDER- REPLC. 20" SECTIONALIZING VALVE AT STA.1190+83
ORANGE COUNTY FEEDER-CONSTRUCT BLOWOFF STRUCTURE AT STA. 251+00
EAST ORANGE COUNTY FEEDER NO.2- MWD'S PORTION
REPLACE EXISTING EQP. ON UPPER FDR FROM LK.MATHEWS TO EAGLE ROCK
EAST ORANGE COUNTY FDR. DISSIPATOR STRUCTURE
REPLACE FLOWMETER ON ORANGE COUNTY FEEDER- STA. 800+00
REPLACE FLOWMETER ON ORANGE COUNTY FEEDER- STA. 800+00
SECOND LOWER FEEDER- SCH. 107-DIEMER PLNT. TO C.CRK.CONTROL STRUCT.
SECOND LOWER FEEDER-SCH.113 -W. OF LONG BEACH BLVD.TO ALAMEDA ST.
SECOND LOWER FEEDER-SCH.112 -WOODRUFF TO W. OF LONG BEACH BLVD.
SECOND LOWER FEEDER-CARBON CREEK PRESSURE CONTROL STRUCTURE
SECOND LOWER FEEDER-CARBON CREEK PRESSURE CONTROL STRUCTURE
SECOND LOWER FEEDER-SCH.112 -WOODRUFF TO W. OF LONG BEACH BLVD.
SECOND LOWER FEEDER- SCH. 107-DIEMER PLNT. TO C.CRK.CONTROL STRUCT.
SECOND LOWER FEEDER-SCH.113 -W. OF LONG BEACH BLVD.TO ALAMEDA ST.
SECOND LOWER FEEDER- SCH. 108

Table 3

CONVEYANCE AND DISTRIBUTION SYSTEM BENEFITS

Description
SECOND LOWER FEEDER- SCH. 108
OAK STREET PCS - VALVE REPLACEMENT
GLENDORA TUNNEL
FOOTHILL FDR.-SCH.269 & 270, PIPELINE ,HERMOSA AVE. TO CITRUS AVE.
NEWHALL AND BALBOA INLET TUNNELS
CASTAIC,SAUGUS, PLACERITA TUNNELS
GLENDORA TUNNEL
CASTAIC SIPHONS & PIPELINES(FOOTHILL FDR.) SCH. 201,203,204,206,207 & 209
NO. PORTAL NEWHALL TUNNEL (CANCELLED)
RAMONA PRESSURE CONTROL STRUCTURE
RAMONA PRESSURE CONTROL STRUCTURE
SECOND LOWER FEEDER- SCH. 114 & 115
SEPULVEDA FEEDER- SEPULVEDA TUNNEL, SCH.126
SEPULVEDA FEEDER-SCH.119,120,121& 122-BALBOA TRT.PLT. TO CHTSWRTH.ST
CASTAIC,SAUGUS, PLACERITA TUNNELS
CASTAIC SIPHONS & PIPELINES(FOOTHILL FDR.) SCH. 201,203,204,206,207 & 209
NEWHALL AND BALBOA INLET TUNNELS
GLENDORA TUNNEL
MIDDLE FEEDER PROTECTION AT RUSH ST. AND WALNUT GROVE AVE.
ORANGE COUNTY FEEDER-MODIFY SANTA ANA RELIEF STRUCTURE
ENCASEMENT OF P.V. FEEDER- SAN BERNARDINO FREEWAY
SANTA ANA CROSS FEEDER(FORMERLY EL TORO PIPELINE) CONNECTS OC AND EOC#2 FDRS
WRITE OFF DEMOLISHED MASTER METER AT SANTA ANA CROSS FDR
SECOND LOWER FEEDER- SCH. 114 & 115
SECOND LOWER FEEDER- SCH. 110 & 111- STA. 830+00 TO 1050+00
SECOND LOWER FEEDER- SCH. 110 & 111- STA. 830+00 TO 1050+00
SEPULVEDA FEEDER- EL SEGUNDO BLVD. TO 220TH ST.,SCH. 133 AND 134
FOOTHILL FDR.-SCH.271 & 272, PIPELINE CITRUS AVE. TO DWR. DEVIL CANYON
FOOTHILL FEEDER RIALTO PIPELINE- SCH. 266 & 267
SEPULVEDA FEEDER- SEPULVEDA TUNNEL TO SLAUSON AVE.
SEPULVEDA FEEDER- CULVER CITY FDR. TO WEST COAST FDR.
FOOTHILL FEEDER CONTROL STRUCTURE
ORANGE COUNTY FEEDER- RELOCATION STA. 1278+00 TO 1292+00
SEPULVEDA FEEDER- SCH. 123, 124 AND 125
SEPULVEDA FEEDER- SCH. 123, 124 AND 125
FOOTHILL FEEDER RIALTO PIPELINE- SCH 268 (CAMPUS AV. TO HERMOSA AV.)
FOOTHILL FEEDER RIALTO PIPELINE- SCH 268 (CAMPUS AV. TO HERMOSA AV.)
FOOTHILL FEEDER RIALTO PIPELINE- SCH 268 (CAMPUS AV. TO HERMOSA AV.)
FOOTHILL FEEDER- SAN FERNANDO TUNNEL
FOOTHILL FEEDER- SAN FERNANDO TUNNEL
FOOTHILL FEEDER- SAN FERNANDO TUNNEL
OLINDA PRESSURE CONTROL STRUCTURE- LOWER FEEDER
OLINDA PRESSURE CONTROL STRUCTURE- LOWER FEEDER
SEPULVEDA FEEDER- SCH. 123, 124 AND 125
SEPULVEDA FEEDER- VENICE PRESSURE CONTROL STRUCTURE
SEPULVEDA FEEDER- VENICE PRESSURE CONTROL STRUCTURE
SEPULVEDA FEEDER- VENICE PRESSURE CONTROL STRUCTURE
INLAND FOR SYSTEM- BOX SPRINGS FEEDER
EAST VALLEY FEEDER (FORMERLY CALLEGUAS CONDUIT)
GREG AVE. PCS-SURGE TANK, REPLACE INTERIOR LINING
FOOTHILL FEEDER RIALTO PIPELINE- SCH. 264 &265(SAN DIMAS TO THMP.CRK)
FOOTHILL FEEDERSYSTEM- SAN DIMAS FACILITIES, 2ND STAGE
FOOTHILL FEEDERSYSTEM- SAN DIMAS FACILITIES, 2ND STAGE
FOOTHILL FEEDER RIALTO PIPELINE- SCH. 264 &265(SAN DIMAS TO THMP.CRK)

Table 3

CONVEYANCE AND DISTRIBUTION SYSTEM BENEFITS

Description
FOOTHILL FEEDER RIALTO PIPELINE- SCH. 264 &265(SAN DIMAS TO THMP.CRK)
FOOTHILL FEEDERSYSTEM- SAN DIMAS FACILITIES, 2ND STAGE
SEPULVEDA FEEDER SYSTEM- CALABASAS FEEDER
SEPULVEDA FEEDER SYSTEM- CALABASAS FEEDER
SEPULVEDA FEEDER SYSTEM- CALABASAS FEEDER
WEST VALLEY #1 FEEDER (FORMERLY CALLEGUAS CONDUIT)
WEST VALLEY #1 FEEDER (FORMERLY CALLEGUAS CONDUIT)
WEST VALLEY #1 FEEDER (FORMERLY CALLEGUAS CONDUIT)
STRUCTURES, PHASE 2 -WEST VALLEY FEEDER NO. 1 (INTERIM CONST)
WEST VALLEY FEEDER NO. 2- HAVENHURST ST. TO CHATSWORTH ST.
WEST VALLEY FEEDER NO. 2- HAVENHURST ST. TO CHATSWORTH ST.
WEST VALLEY FEEDER NO. 2- HAVENHURST ST. TO CHATSWORTH ST.
YORBA LINDA FEEDER- TONNER TUNNELS NO.1 & 2
YORBA LINDA FEEDER- TONNER TUNNELS NO.1 & 2
YORBA LINDA FEEDER- SCH. 150 & 151
YORBA LINDA FEEDER- SCH. 150 & 151
YORBA LINDA FEEDER- SCH. 150 & 151
SEPULVEDA FEEDER- SEPULVEDA CANYON CONTROL FACILITY
SEPULVEDA FEEDER- SEPULVEDA CANYON CONTROL FACILITY
SEPULVEDA FEEDER- SEPULVEDA CANYON CONTROL FACILITY
WEST VALLEY FEEDER NO. 2- ALISO CREEK TO FULLBRIGHT PLACE
WEST VALLEY FEEDER NO. 2- ALISO CREEK TO FULLBRIGHT PLACE
WEST VALLEY FEEDER NO. 2- ALISO CREEK TO FULLBRIGHT PLACE
WEST VALLEY FEEDER NO. 2- FULLBRIGHT TO SANTA SUSANA TUNNEL
WEST VALLEY FEEDER NO. 2- FULLBRIGHT TO SANTA SUSANA TUNNEL
WEST VALLEY FEEDER NO. 2- FULLBRIGHT TO SANTA SUSANA TUNNEL
YORBA LINDA FEEDER- TONNER TUNNELS NO.1 & 2
YORBA LINDA FEEDER- SCH. 150 & 151
FOOTHILL FEEDER- SAN FERNANDO TUNNEL
ORANGE COUNTY FEEDER-RELOCATION AT KIMBERLY STORM CHANNEL
ORANGE COUNTY FEEDER- RELOCATION STA. 1278+00 TO 1292+00
YORBA LINDA FEEDER- SCHEDULE 153,155 AND 156
YORBA LINDA FEEDER- SCHEDULE 153,155 AND 156
SEPULVEDA FDR, WEST VALLEY FDR. NO.1- MODIF.OF STRUCTURES PHASE II
YORBA LINDA FEEDER- SCHEDULE 153,155 AND 156
WEST ORANGE COUNTY FEEDER -RELOCATION AT STATION 456+00+
LOWER FDR-RELOCATE IN IMPERIAL HIGHWAY, STA 2163+50
LWR FDR-REL/PROT.IMPERIAL HWY. AT ATSF RLY.TRACK -SANTA FE SPRNGS
PALOS VERDES FEEDER- RELOCATE HARBOR AND ARTESIA FREEWAYS
PALOS VERDES FDR- WASHINGTON ST. PCS
PALOS VERDES FDR- WASHINGTON ST. PCS
OAK STREET PCS- VALVE REPLACEMENT
SANTA MONICA FDR.-HOLLYWOOD TUNNEL REPL.16" PELTON SLEEVE VALVE
GREG AVENUE PCS- SURGE TANK, REPLACE INTERIOR LINING
SANTA MONICA FD.-MODIFY MANHOLE & BLOWOFF STRUCTION,STA. 4504-86
UPPER FEEDER-MODIFY PUDDINGSTONE SPILLWAY, STA.1950+62.71
WEST ORANGE COUNTY FDR. PCS-INSTALL 480V 3 PHASE ELEC. SERVICE
ORANGE COUNTY FEEDER-RELOCATE PIPE,STA. 473+21-52 TO STA. 473+5-82
ORANGE COUNTY FDR.-RELOCATE PRESSURE RELIEF STRUC.,STA 1772+72
PALOS VERDES FEEDER-108TH ST. PCS,INSTALL ELECT. VALVE OPERATORS
SANTA MONICA FEEDER-SUNSET RELIEF STRUCTURE-MODIFY STA. 433022
2ND LWR FDR,W.ORANGE CNTY.FDR.INTERCONN.STRUCT.INSTALL REM.CTRL.
UPPER FEEDER, MANHOLE MODIFICATION, STATION 1464+50
UPPER FEEDER, MANHOLE MODIFICATION, STATION 1495+54

Table 3

CONVEYANCE AND DISTRIBUTION SYSTEM BENEFITS

Description
UPPER FEEDER, MANHOLE MODIFICATION, STATION 1757+86
WEST ORANGE COUNTY FEEDER, RELOCATE STATIONS 132+16 TO 132+74
BOX SPRINGS FEEDER-PROT STA 18+70 TO 19+30 & 21+05 TO 21+65
EAST VALLEY FEEDER- STRUCTURE MODIFICATIONS
EAST VALLEY FEEDER- STRUCTURE MODIFICATIONS
EAST VALLEY FEEDER- STRUCTURE MODIFICATIONS
NEWHALL TUNNEL-INSTALL LINER
NEWHALL TUNNEL- LINER REPAIR
NEWHALL TUNNEL-INSTALL LINER
BOX SPRINGS FEEDER-PROT STA 18+70 TO 19+30 & 21+05 TO 21+66
WASHINGTON PCS ON PV FDR- PLATFORMS/LADDERS
SANTA ANA CROSS FEEDER-RELOCATE FLOWER STREET STORM DRAINAGE
SANTA ANA CROSS FEEDER-RELOCATE FLOWER STREET STORM DRAINAGE
ENLARGE FOOTHILL FEEDER CONTROL STRUCTURE
CAPACITY FEE FROM CASTAIC LAKE WATER AGENCY FOR USE OF FOOTHILL FEEDER
BOX SPRINGS FEEDER AND CONTROL STRUCTURE-PRESSURE CONTL STRUC
BOX SPRINGS FEEDER AND CONTROL STRUCTURE-SCH 317
BOX SPRINGS FEEDER AND CONTROL STRUCTURE-SCH 318
MINOR CAPITAL PROJECTS FOR FY 1988/89 - SANTA ANA CROSS FEEDER
UPPER FEEDER SANTA ANA RIVER BRIDGE-SEISMIC MODIFICATION
MINOR CAPITAL PROJ - BOX SPRINGS FDR, INSTALL CHLOR DIFUSER
CATHODIC PROTECTION SYSTEM EAST ORANGE COUNTY FEEDER NO. 2
MINOR CAPITAL PROJ - FOOTHILL FDR, ELEC PWR BLOWOFF/CHLOR STRUC
OLINDA PCS VIBRATION STUDY
PALOS VERDES FEEDER-VALVE REHAB, DOMMINGUEZ CHNL
PALOS VERDES FEEDER-CATHODIC PROTECTION SYSTE
MINOR CAPITAL PROJECTS FOR FY 1988/89 - 2ND LOWER FEEDER
SECOND LOWER FEEDER - STEEL LINER IN PORTION
MINOR CAPITAL PROJECTS FOR FY 1988/89 - SEPULVEDA FEEDER
MINOR CAPITAL PROJ - SEPULVEDA FDR, SCH 123/ CORR MITIGATION
UPPER FEEDER-REPLACE MAGNETIC FLOWMETER
UPPER FEEDER TO ACCOMODATE SANTA FE RAILWAY EXPANSION
UPPER FEEDER - CATHODIC PROTECTION (SCH 25)
MINOR CAPITAL PROJECTS FOR FY 1988/89 - WEST VALLEY FEEDER (50/50)
MINOR CAPITAL PROJECTS FOR FY 1988/89 - WEST VALLEY FEEDER (50/50)
MINOR CAPITAL PROJECTS-YORBA LINDA FEEDER
REFURBISH SERVICE CONNECTION - LOWER MIDDLE FEEDER
SANTA MONICA FEEDER - REPAIR MANHOLE RISERS
SANTA MONICA FEEDER - REPLACE CAST IRON FLANGES ON LOWER
BURBANK LATERAL SCHEDULE 38SC
BURBANK LATERAL EXTENSION
BURBANK LATERAL EXTENSION
COMPTON LATERAL SCHEDULE 28SC
COMPTON LATERAL EXTENSION
COMPTON LATERAL EXTENSION
LONG BEACH LATERAL SCHEDULE 26SC (SPEC NO. 293)
LONG BEACH LATERAL EXTENSION SCHEDULE 41P (SPEC NO. 342)
TORRANCE LATERAL SCHEDULE 27SC
SAN MARINO LATERAL: STA. 0+00 TO 54+10, SCH. 45SC (SPEC NO. 384) (SEE ANNUAL REPORT)
VICTORIA STREET LATERAL: STA. 0+00 TO 147+62 (SCH. 46P)
WEST BASIN LATERAL: STA.4+95 TO 355+19 (SCH.43P)
WEST BASIN LATERAL: STA.4+95 TO 355+19 (SCH.43P)
EAGLE ROCK CONNECTION AND LATERAL SCHEDULE 12P (SPEC NO. 395)
SANTIAGO LATERAL: STA. 0+00 TO 112+90 & SPILLWAY DISCHG. LINE, SCH 90SC (SPEC 461)

Table 3

CONVEYANCE AND DISTRIBUTION SYSTEM BENEFITS

Description
SANTIAGO LATRAL: STA. 112+90 TO 451+40,, SCH. 91P (SPEC NO. 477)
MINOR CAPITAL PROJECTS FOR FY 1988/89 - INGLEWOOD LATERAL
MINOR CAPITAL PROJECTS FOR FY 1989/90 - LONG BEACH LATERAL
MINOR CAPITAL PROJECTS FOR FY 1989/90 - SANTIAGO LATERAL CONTROL
LOW LEVEL TEHACHAPI TUNNEL- FEASIBILITY STUDY
TESTING PROGRAM AT YORBA LINDA TEST FACILITY
DISTRIBUTION SYSTEM - METRO GREENLINE ELECTROLYSIS MONITORING
DISTRIBUTION SYSTEM-ELECTROLYSIS MONITORING STATIONS
DISTRIBUTION SYS - TYPE 'M' METER REPLACEMENT
DISTRIBUTION SYSTEM-REPLACE FLOWMETERS
DISTRIBUTION SYSTEM-REPLACE MECHICAL METERS
DISTRIBUTION SYS - TYPE 'M' METER REPLACEMENT
WEST VALLEY FACILITIES STUDY
EQUIPMENT - 1ST SAN DIEGO AQUEDUCT
GATE NO 3 - 1ST SAN DIEGO AQUEDUCT
SECOND SAN DIEGO AQUEDUCT:6 13' PIPE SIPHONS-STA. BET.244+04-979+32 (SCH SDXP)
SECOND SAN DIEGO AQUEDUCT, SCHEDULE SD9P (SPEC. NO. 537)
SECOND SAN DIEGO AQUEDUCT, SCHEDULE SD8P (SPEC. NO. 537)
SECOND SAN DIEGO AQUEDUCT, SCHEDULE SD10P (SPEC. NO. 537)
SECOND SAN DIEGO AQUEDUCT3, SCHEDULE SD11SC (SPEC. NO. 537)
1ST BBL 1ST SAN DIEGO AQUEDUCT CAPITAL OBLIGATION
2ND BBL 1ST SAN DIEGO AQUEDUCT CAPITAL OBLIGATION
2ND BBL 1ST SAN DIEGO AQUEDUCT INTEREST OBLIGATION
REPLACEMENT OF RETIRED EQUIPMENT ON FIRST SAN DIEGO AQUEDUCT
FIRST SAN DIEGO ACQUEDUCT- REPLACE SLIDE GATES
LA VERNE PIPELINE
LA VERNE PIPELINE
Station 1820+50 to San Diego County Line (SCH SD15SG)
Station 1553+50 to 1820+50 (SCH SD14SG)
Station 1331+00 to 1593+14 (SDH SD13PS)
Station 1094+93 to 1331+00 (SCH SD12PS)
Canal Outlet and Screening Structure (SCH 5)
Canal Outlet and Screening Structure (SCH 5)
LAKE VIEW PIPELINE- SCH. 310,312 AND 313
INLAND FEEDER AULD VALLEY PRESSURE CONTROL STRUCTURE
PERRIS CONTROL FACIL.& CON.TO STATE DWR FAC.
PERRIS CONTROL FACIL.& CON.TO STATE DWR FAC.
PERRIS CONTROL FACIL.& CON.TO STATE DWR FAC.
SAN DIEGO PIPELINE NO. 2 AND 3 -MODIFY INTERCONNECTION
LAKE PERRIS PUMPBACK FACILITY
RIALTO PIPELINE- DELIVERY FACILITIES FOR CYCLIC STORAGE
SAN DIEO PIPE NO.5-SCH SD-16, SKINNER TO TEMECULA (SPEC NO. 1065)
LAKE VIEW PIPELINE-INSTALL CATHODIC PROTECTION-STATION 2210+00
LAKE PERRIS BY PASS PIPELINE- CLAIMS
SAN DIEO PIPE NO.5-SCH SD-17, TEMECULA TO DELIVERY POINT (SPEC NO. 1066)
AULD VALLEY PIPELINE
AULD VALLEY PIPELINE
LAKE PERRIS BY PASS PIPELINE
SAN DIEGO CANAL MODIFICATION- 5 ADDITIONAL SIPHONS
RIALTO PPLN- INSTALL 2 CATHDIC PROTECTION SYSTEM
RIALTO PPLN- INSTALL 2 CATHDIC PROTECTION SYSTEM
SAN DIEGO CANAL ENLARGEMENT PHASE 2
SAN DIEGO CANAL ENLARGEMENT PHASE 2
SAN DIEGO CANAL ENLARGEMENT PHASE 2

Table 3

CONVEYANCE AND DISTRIBUTION SYSTEM BENEFITS

Description		
STRUCTURE MODIFICATIONS TO SAN DIEGO PIPELINE'S # 1 AND 2		
INSPECTION OF THE ALLEN-McCOLLOCH PIPELINE		
AMP - CURRENT YEAR		
ETIWANDA PIPELINE - RIALTO PIPELINE TO UPPER FEEDER		
ETIWANDA PIPELINE CATHODIC PROTECTION		
MINOR CAPITAL PROJECTS- LAKEVIEW PIPELINE		
RIALTO PIPELINE AT DEVIL'S CANYON		
MINOR CAPITAL PROJ - SD PIPEL #4 &5-CORR CNTRL SYS		
SKINNER BYPASS PIPELINE CHLORINATION SYSTEM		
LAKE SKINNER -BYPASS PIPELINE #2 AND #3		
LAKE SKINNER - CHLORINATION SYSTEM OUTLET TOWER BYPASS PIPELINE		
ALLEN-McCULLOCH PIPELINE		
LAKE MATHEWS HEADWORKS- REPLACE TWO VALVES (WO #3543)		
SERVICE CONNECTION P-1-UPPER FEEDER (ORG CONST)		
UPPER FEEDER- SERVICE CONNECTION P-1		
JENSEN PLANT- SERVICE CONNECTION - LA 25		
SANTA MONICA FEEDER-GLENDALE SERVICE CONNECTION G-2 RECON T/2		
SANTA MONICA FEEDER-GLENDALE SERVICE CONNECTION G-2 RECON T/2		
SANTA MONICA FEEDER- BETTERMENT OF SERVICE CONNECTION BH-1		
RECONSTRUCT ORANGE COUNTY FEEDER SERVICE CONNECTION PM-1		
METER- SERVICE CONNECTION PM - 17 UPPER FEEDER (INTERIM CONST)		
REPLACE FLOWMETERS IN SERVICE CONNECTIONS		
REPLACE FLOWMETERS IN SERVICE CONNECTIONS		
REPLACE FLOWMETERS IN SERVICE CONNECTIONS		
VALVE,24" GATE -SERVICE CONNECTION - UPPER FEEDER (INTERIM CONST)		
MECHANICAL / VENTURI TYPE METERS- DISTR SYSTEM (INTERIM CONST)		
PALOS VERDES FDR- LA CITY MODIFICATION OF SERVICE CONNECTION		
MILLS FILTR. PLANT- SERVICE CONNECTION WR-24A TURNOUT STRUCTURE		
ORANGE COUNTY FDR.SERV.CONN.A-1,RELOC.METER CABINET & ELEC.SERV.		
SERVICE CONN. DW-CV-4,WHITE WATER SIPHON (2ND BARREL)STA. 9698+00		
SERVICE CONN. DW-CV-4, VALVE STRUCTURE,WATER SIPHON, STA. 9698+00		
SERVICE CONN. DW-CV-4, VALVE STRUCTURE,WATER SIPHON, STA. 9698+00		
MWD SHARE FOR DESIGN AND CONSTRUCSTION OF SC. LA-35		
ORANGE COUNTY FEEDER - SVC CONN SA-3, REPLACE MECHICAL METER		
Sub-Total Distribution Facilities Benefits	**$**	**48,043,127**
Total Conveyance and Distribution Facilities Benefits	**$**	**74,420,344**

TABLE 4

FISCAL YEAR 2001-02
ESTIMATED READINESS-TO-SERVE CHARGE REVENUE

Member Agency	Amount
Anaheim	$ 989,416
Beverly Hills	684,379
Burbank	873,811
Calleguas MWD	4,645,852
Central Basin MWD	3,651,517
Coastal MWD	2,113,160
Compton	196,995
Eastern MWD	2,551,149
Foothill MWD	421,014
Fullerton	394,360
Glendale	1,399,113
Inland Empire Utilities Agency	1,817,588
Las Virgenes MWD	952,662
Long Beach	2,249,655
Los Angeles	8,684,696
Municipal Water District of Orange County	9,391,445
Pasadena	783,960
San Diego County Water Authority	21,549,596
San Fernando	5,606
San Marino	70,178
Santa Ana	668,090
Santa Monica	264,846
Three Valleys MWD	3,081,422
Torrance	1,074,137
Upper San Gabriel Valley MWD	378,812
West Basin MWD	8,099,529
Western	3,007,014
Total	$ 80,000,000

TABLE 5

FISCAL YEAR 2001-02
ESTIMATED STANDBY CHARGE REVENUE

Member Agencies	Total Parcel Charge	Number Of Parcels Or Acres	Gross Revenues (Dollars) [1]
Anaheim	$8.55	68,284	$583,825
Beverly Hills	$0.00	-	$0
Burbank	$14.20	28,099	$399,012
Calleguas MWD	$9.58	245,623	$2,353,065
Central Basin MWD	$10.44	339,385	$3,543,178
Coastal MWD	$11.60	86,149	$999,327
Compton	$8.92	18,106	$161,508
Eastern MWD	$6.94	373,422	$2,591,550
Foothill MWD	$10.28	30,335	$311,848
Fullerton	$10.71	33,422	$357,945
Glendale	$12.23	44,797	$547,862
Inland Empire Utilities Agency	$7.59	225,759	$1,713,508
Las Virgenes MWD	$8.03	63,383	$508,964
Long Beach	$12.16	88,322	$1,074,000
Los Angeles	$0.00	-	$0
Municipal Water District of Orange County	$10.09	615,902	$6,214,452
Pasadena	$11.73	36,695	$430,433
San Diego County Water Authority	$11.51	1,068,038	$12,293,114
San Fernando	$7.87	5,142	$40,469
San Marino	$8.24	4,974	$40,985
Santa Ana	$7.88	53,671	$422,930
Santa Monica	$0.00	-	$0
Three Valleys MWD	$12.21	151,513	$1,849,973
Torrance	$12.23	38,644	$472,616
Upper San Gabriel Valley MWD	$9.27	209,114	$1,938,485
West Basin MWD	$0.00	-	$0
Western © MWD	$9.23	356,966	$3,294,792
MWD Total		4,185,744	$42,143,840

[1] Esimates per FY2000 actual receipts

Notes: a. The revenues are only an estimate. Actual revenue collected could be less than projected due to tax payment delinquencies.
b. Based on estimates provided 11/19/99 by Reiter-Lowry Consultants
c. Includes $270 in revenue from parcels in Orange County

Table 6

Riverside County:

Annexation	Parcel Number	Acres	Proposed Standby Charge (FY 01-02)
39th Fringe	359-210-026-4	13.73	126.72
	359-210-027-5	34.31	316.68
40th Fringe	949-020-003	15.95	142.22
	949-020-004	23.80	219.67
	949-020-006	15.00	138.45
66th Fringe (1)	911-060-010	5.60	38.86
	911-060-011	33.09	229.65
	911-080-001	0.75	6.94
	911-080-002	0.25	6.94
	911-080-003	1.75	12.15
	911-080-004	0.25	6.94
	911-080-005	2.25	15.62
	911-080-006	1.25	8.68
	911-080-007	0.25	6.94
	911-080-008	0.25	6.94
	911-080-009	12.24	84.95
	911-090-001	3.25	22.56
	911-090-002	0.50	6.94
	911-090-003	0.63	6.94
	911-090-004	1.25	8.68
	911-090-005	1.25	8.68
	911-090-006	0.25	6.94
	911-090-007	9.87	68.50
	911-090-008	1.00	6.94
	911-090-009	0.50	6.94
	911-090-010	0.50	6.94
	911-090-011	1.00	6.94
	911-190-006	0.06	6.94
	911-190-007	0.12	6.94
	911-190-009	0.22	6.94
	911-190-010	0.03	6.94
	911-190-011	0.15	6.94
	911-190-012	0.03	6.94
	911-190-013	0.22	6.94
	911-190-014	0.17	6.94
	911-190-015	0.17	6.94
	911-190-018	0.21	6.94
	911-190-019	0.18	6.94
	911-190-021	0.22	6.94
	911-190-022	1.06	7.36
	911-720-009	2.08	14.44
	911-720-010	30.00	208.20
	911-720-011	1.25	8.68
	911-720-012	0.63	6.94
	911-720-013	0.62	6.94

	911-720-014	7.50	52.05
	911-720-015	23.63	163.99
67th Fringe (1)	910-220-001	8.81	61.14
68th Fringe (1)	359-210-010	18.53	128.60
	359-210-011	19.24	133.53
	359-210-013	19.21	133.32
	359-540-001	18.68	129.64
	359-540-002	19.16	132.97
	359-540-003	19.28	133.80
	359-540-004	19.06	132.27
	359-540-009	19.90	138.11
	359-540-010	18.36	127.42
	359-540-014	19.77	137.20
	359-540-015	18.71	129.85
Murrieta Window	No Standby Charge		

Ventura County:

Annexation	Parcel Number	Acres	Proposed Standby Charge (FY 01-02)
Calleguas 57	216-0-192-085	0.62	9.58
	216-0-195-015	6.39	61.21
	231-0-040-275	14.96	143.32
	231-0-080-050	4.26	40.81
Calleguas 58	215-0-070-015	0.27	9.58
	215-0-070-050	0.50	9.58
	215-0-070-060	21.15	202.62
	215-0-070-080	53.31	510.71
Calleguas 59 (1)	183-0-070-090	107.00	1025.06
Calleguas 63 (1)	138-0-190-215	2.05	19.64
	138-0-190-365	31.59	302.63
	138-0-190-405	73.42	703.36
	138-0-190-415	0.42	9.58
	138-0-190-420	75.70	725.21
	138-0-190-430	3.65	34.97
	138-0-190-445	3.48	33.34
	179-0-070-100	62.52	598.94
Calleguas 64	Cancelled		
Calleguas 65	No Standby Charge		
Calleguas 66	183-0-100-220	6.59	63.13
Calleguas 67 (1)	183-0-010-335	11.23	107.58
	183-0-010-385	67.44	646.08