



**Mojave
Water
Agency**

BUDGET

Fiscal Year

2006

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2006 Mojave Water Agency Budget

ECONOMIC OVERVIEW	4
UNDERLYING PRINCIPLES	4
MAJOR AGENCY GOALS	4
PREPARATION	5
REVIEW & CONTROL	6
ESTIMATED RESERVE BALANCE 6/30/2004	6
BUDGET CHANGE SUMMARY	7
3 NEW EMPLOYEES (\$204,199)	7
<i>Senior Water Resources Technician</i>	7
<i>AWAC Coordinator</i>	8
<i>Water System Operator</i>	8
BUDGET ANALYSIS	9
2005 COMBINED BUDGET	9
REVENUES	10
REVENUES BY DEPARTMENT AND CATEGORY	11
WATER SALES	12
TAX REVENUES	13
TAX REVENUES BY YEAR	13
TAX REVENUES BY DEPARTMENT	13
STATE ERAF	14
EXPENSES	14
EXPENSES	15
EXPENSE SUMMARY	15
EXPENSE DETAIL SUMMARY	15
OVERHEAD CALCULATION SUMMARY	16
MWA EXPENSE SUMMARY	17
ADMINISTRATION DEPARTMENT	18
OPERATION & MAINTENANCE DEPARTMENT	19
WATER RESOURCES DEPARTMENT	20
WATERMASTER DEPARTMENT	21
CAPITAL & OVERHEAD PROJECTS	22
PROJECTS BY DEPARTMENT	22
ADMINISTRATIVE DEPARTMENT PROJECT NUMBERS	22
WATERMASTER DEPARTMENT	22
WATER RESOURCES DEPARTMENT PROJECT NUMBERS	23

2006 Mojave Water Agency Budget

FISCAL YEAR 2006 PROJECTS & DESCRIPTIONS 23
FISCAL YEAR 2006 PROJECTS & DESCRIPTIONS 24
DEBT SERVICE 36
DEBT SERVICE SUMMARY 36
ID M 840 DEBT SERVICE SUMMARY 36
ID M 840 PAYMENT SCHEDULE 38
DWR LOAN 860 DEBT SERVICE SUMMARY 38
DWR LOAN 860 PAYMENT SCHEDULE..... 39
DWR LOAN 870 DEBT SERVICE SUMMARY 40
DWR LOAN 870 PAYMENT SCHEDULE..... 40
DWR LOAN 880 DEBT SERVICE SUMMARY 41
DWR LOAN 880 PAYMENT SCHEDULE..... 41
CERTIFICATE OF PARTICIPATION 940 DEBT SERVICE SUMMARY 42
COP LOAN 940 REFUNDING SCHEDULE 42

Economic Overview

The economy in the High Desert is still roiling, we've experienced unprecedented growth and the value of the land set a record in the last fiscal year at 15%, and all indications are it will increase by 19% in FY 2006 within our Agency boundaries. Local civic leaders have recently said that every major sector has improved; retail, wholesale, housing, and distribution. The City of Victorville averaged 53 homes a week in 2004 and is averaging 67 homes a week in 2005 and the population has gone from 80,833 to 86,401, a 6.9% increase in the last year alone.

This anticipated growth has been the basis for our planning for the last four years. You find it in the Regional Water Management Plan, the Capital Improvement Program, and the Financial Plan. The Agency must prepare to support the increase in infrastructure that is upon us. The budget has been developed to do just that by incorporating two years (2006 & 2007). Even though the Agency will only be adopting the budget for 2006, 2007 has been added to help the Agency get a better perspective in able to meet the new challenges of providing sustainable water supplies for the rapid growth and new opportunities generated from a larger tax base.

Underlying Principles

The Strategic Plan contains the Agency's Vision and Mission Statements, defines our goals as a public agency, and establishes our culture as an organization of individuals. The primary purpose of the Plan is to provide the framework and focus for the Agency that will facilitate the organization fulfilling its legislative mandate. It forms our response to the challenges that we must address in managing this vital resource by providing a venue to develop specific goals and objectives for the organization, including "key elements" or concepts, management plans, and programs that require action by the Agency. The Mojave Water Agency revises the goals and key elements of the Strategic Plan annually based on articulated fiscal and formal Board of Director policies and that is then used to flesh out the budget with consideration of the Financial Plan and the Capital Improvement Program.

In order to better prepare for meeting present and future water demands, Mojave Water Agency adopted its five-year Strategic Plan in 2002. This document outlines specific goals and objectives to enable the Agency to fulfill its mission "to manage the region's water resources for the common benefit to assure stability in the sustained use by the citizens we serve." The annual budget is developed based on these stated goals and objectives, which are updated annually.

The Agency's use of an Application Based Costing ("ABC") System allocates resources consistent with the goals and objectives in the Strategic Plan. In addition to the Strategic Plan, this fiscal year the Agency has instituted a five-year Capital Improvement Plan (CIP) to plan for future water demands. Rather than just fund projects year-to-year through the use of a zero based budget funded annually, the Agency has begun projecting funds needed to complete both short-term and long-term projects through the multi-year ABC system that incorporates the CIP.

Major Agency Goals

Linking important objectives with necessary resources requires a process that identifies Goals and Key Elements of those goals at the very beginning of the budget process each year. Setting goals and priorities drive the budget process, shape the reserves, and help define the Capital Improvement Project planning.

For this reason each budget process begins with re-assessing the key elements and confirming that all the projects in progress and planned truly reflect the goals of the Agency and the Board of Directors, which reflect the needs of the Stakeholders and Community, and reflect any fiscal constraints revealed through the budget process.

The administrative budget includes several key projects designed to support the strategic goals of the Agency. An upgrade of our financial software will mitigate gaps in data flow identified in previous financial audits. This upgrade will increase efficiency and reduce the potential for data entry errors.

2006 Mojave Water Agency Budget

The administration budget also includes advance planning activities that will contribute to the Agency's strategic goal in developing the infrastructure to meet future water demands. Now that the Regional Water Management Plan is complete, it has become an integral part of both the 2006 budget and the Capital Improvement Projects.

With the proposed budget, staff is recommending strong support of our strategic partners in pursuit of our goal to engage the community in our mission. The proposed budget includes funds to enable specific activities to be carried out by and in conjunction with our partners, including Victor Valley College, Barstow Community College, Copper Mountain College, the Mojave Desert Resource Conservation District, and the Lewis Center for Educational Research. Staff expects the fruit borne by these partnerships this year to grow in the coming years with this continued investment.

The last major element of the administrative budget is the increasing commitment to the goals of securing additional water supplied through greater water conservation. Staff is recommending that our primary commitments to this goal be through our investment in the Alliance for Water Awareness and Conservation. This newly formed group of interested community partners has shown a significant initial commitment toward helping MWA achieve its goals in a collaborative format. The focus of this group for the next year will be to create the awareness in our local community that water conservation is an essential element in the overall water management portfolio that is necessary to provide a sustainable water supply for decades to come. MWA's commitment to this group is essential for it to achieve our common goals.

Preparation

The Chief Financial Officer consolidates the budgets from each department and is responsible to combine the projects and programs and then submit it through the General Manager to the Board of Directors for approval. Once all the projects required to reach the goals have been established and are created or re-evaluated, the projects are then costed and classified by determining whether the budget impact is a capital or a period cost. [See Capital Details (Projects)]

The projects, expenses and strategies are now projected for a two year period to add continuity, even though only the first year will be adopted by the Board.

Once the operating expenses are determined for each department, the "period cost projects" are added to the overhead with a reference back to the project so the non-recurring nature of the period cost will be self evident.

Costs are summarized into six (6) categories: Revenues & Expenses for Operations, Capital and Debt Service. (1)Capital Expenses are capital projects & departmental capital expenditures (assets). (2)Capital Revenues are made up of tax proceeds, reserve funds, and grants. (3)Operational Expenses are made up of salaries, benefits, water costs, and overhead expenses. Salaries and an appropriate overhead are transferred to capital projects from operational expense based on the labor distribution budgeted. The "labor transferred out" and the "burden transferred out" can be found in the departmental detail at the very bottom of the page. The amount of overhead applied to each labor dollar is based on an analysis of the overhead expenses and the direct labor. (See the "Overhead Calculation Formula on page 17.) (4)Operational Revenues are made up of primarily taxes with more and more each year being contributed from water sales. Currently taxes represent 59% of the operational income and water sales represents 33%. The rest is made up of interest income and DWR credits. (5) Debt Service Expenses are made up of the capital charges billed for DWR for the East Branch Enlargement Facilities, Water System Revenue Bonds, and the Delta Water and Transportation Capital Charges. (6) Debt Service Revenues are made up of taxes collected that are obligated to pay off debt. ID "M" is a refunding issued in 1996 for the capital cost to build the Morongo Basin Pipeline and all taxes collected must be used to pay off that bond debt. However, the taxes collected for MWA 1 and MWA 2 are collected to pay off the capital debt billed to us by the Department of Water Resources (DWR) for the Capital cost of the State Water Project. Any tax

2006 Mojave Water Agency Budget

collected each year in excess of that required to pay that year's capital charges, can be used for Maintenance, Improvements, and Operations.

Review & Control

Once the budget is approved, all financial statements are issued with the budget as a measure of performance, efficiency, and planning. All spending limits are still in place and must get proper approval even if part of an approved budget. The approval levels in effect this year are:

Position	<=\$1,000	<=\$2,000	<=\$5,000	<=\$25,000	>\$25,000
Board of Directors	Yes	Yes	Yes	Yes	Yes
General Manager	Yes	Yes	Yes	Yes	No
Assistant General Manager	Yes	Yes	Yes	No	No
Chief Financial Officer	Yes	Yes	Yes	No	No
Operations Manager	Yes	Yes	No	No	No
Executive Assistant	Yes	Yes	No	No	No
Exempt	Yes	No	No	No	No

Any deviation over the budget within a department can be made up by using budget excesses in other categories at the discretion of the Chief Financial Officer or the General Manager. In other words if account 6051 exceeds budget, then budget excess from account 6055 can be used to fill the shortage. The Capital budget is controlled the same way except that projects in excess of \$25,000 cannot be exceeded without Board approval. Monies cannot be transferred between departmental expenses and capital costs because of the source of funds (taxes, reserves, etc). The departments are: (1)Administration, (2)Operations, (3)Water Resources and (4)Watermaster. If a department exceeds their total expense or capital budget, the department's budget must be revised by staff for the remainder of the year and then approved by the Board of Directors.

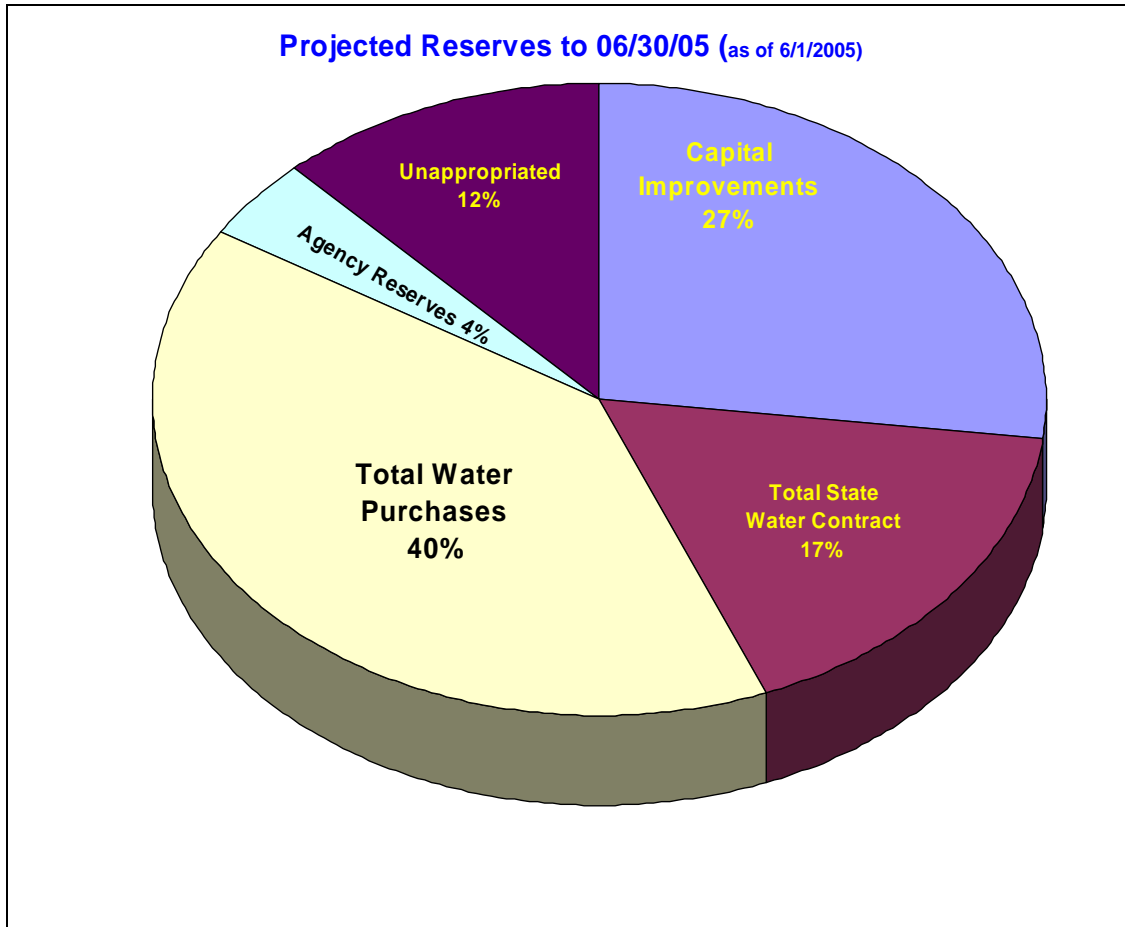
Estimated Reserve Balance 6/30/2005

Fund Equity Description	Actual 06/30/04 Balance		Current Transactions	Actual 06/30/05 Balance	
<u>Capital Improvements</u>					
General	2,500,000		4,000,000	6,500,000	
Other	13,115		-	13,115	
Total Capital Improvements		\$ 2,513,115	\$ 4,000,000		\$ 6,513,115
<u>State Wtr Contract</u>					
SWC Capacity: 75,800 AF	4,048,754		-	4,048,754	
Total State Water Contract		\$ 4,048,754	-		\$ 4,048,754
<u>Water Purchases</u>					
Inground Water	1,443,384		4,736,499	6,179,883	
Water Purchase Reserve	3,500,000		-	3,500,000	
Total Water Purchases		4,943,384	4,736,499		9,679,883
Agency Reserves		1,000,000			1,000,000
Unappropriated		7,473,143	(4,613,838)		2,859,305
Total Reserves		\$ 19,978,397	4,122,660		\$ 24,101,057
Investment in Utility Plant		166,699,808	4,815,500		171,515,308
Total Fund Equity		\$ 186,678,204	8,938,160		\$ 195,616,365

As you can see above, it is expected the Agency will have un-appropriated funds of \$2,859,305, this reduction being caused by increasing the Capital Improvements by \$4,000,000. The increase in the

2006 Mojave Water Agency Budget

Capital Improvement reserves are to assure funds will be available for un-scheduled repairs & maintenance.



Budget Change Summary

In order to carry out the goals and objectives this year, the Staff as directed by the Board, has contracted out all projects that do not require a continuing support of resources which is reflected in the project costs. However, after analyzing the need for additional resources required by the addition of pipelines, recharge basins, information flows, partnerships, and database storage, additional support was revealed and the budget proposes adding the following support staff:

3 New Employees (\$204,199)

- Senior Water Resources Technician
- AWAC Coordinator
- Water Systems Operator

Senior Water Resources Technician

The Board has requested that staff reevaluate and expand upon the assessment and tracking of minimal producers (private well owners who produce <10 acre-feet per year) to determine their impact on the Mojave River Basin. The Minimal Producer Program will be a labor intensive project which will be ongoing. An additional technical staff member will be needed to execute work associated with the

2006 Mojave Water Agency Budget

Minimal Producer Program. Work will consist of location of all minimal producers, estimates of individual water use, tracking of new minimal producers as related to Ordinance 11, and evaluation of Minimal Pool assumptions contained in the Mojave River Basin Adjudication. Ongoing tracking and assessment/re-assessment of minimal producer water usage and potential implementation of Ordinance 11 will mandate additional personnel dedicated to the Minimal Producer Program. In addition to the Minimal Producer Program, technical staff can also assist on well drilling activities and key well program development, both of which are increasingly labor intensive programs.

AWAC Coordinator

The entire Alliance for Water Awareness and Conservation ("AWAC") organization (29 participants) has requested that Mojave Water Agency fund a coordinator as efforts to achieve the 10% conservation goal that will become more aggressive in the coming years. The participants believe that MWA has shown leadership by creating AWAC and has adopted a strategic goal specifically targeting water conservation. While other AWAC participants have contributed funds and most have contributed funds and in-kind service, the group is once again looking to MWA to show leadership and fund this position. Community Liaison Officer Michael Stevens has spent an inordinate amount of time overseeing AWAC-related activities and having an AWAC Coordinator will relieve him of the responsibility so that he can devote more time to the many other duties/responsibilities of his position. Under general supervision of the Community Liaison Officer, performs a variety of professional and administrative activities leading to creation of water conservation programs in support of AWAC and Mojave Water Agency's Strategic Goals. Responsible for providing assistance and support to the AWAC coalition to achieve water conservation goals including development and implementation of programs that promote efficient use of our water resources. Responsible for monitoring the effectiveness of AWAC's efforts to provide feedback on how to improve or expand the efforts as needed. Responsible for overseeing implementation of the AWAC Marketing Plan, including coordination with various teams working to achieve AWAC's goals and activities. Represents AWAC in meetings with other public agencies; government officials; and civic, industrial, environmental, professional, and community groups and organizations; providing responses to questions and information about AWAC's goals and activities. Coordinates AWAC participation at various public events including staffing and materials. Travels to and coordinates with jurisdictions throughout the Agency to determine how AWAC can provide information and assistance.

Water System Operator

The MWA Operations and Maintenance Department is requesting that the Board approve the hiring of one new operator this year. This would be an entry level position for a Water Systems Operator Level I. With the new personnel the O&M staff would have 1 - Director of Operations, 2 - Water System Operator II, and 1 - Water System Operator I, for a total of four staff. The addition of one operator has been required for several reasons. Beginning in 2003 the quantity of water delivered and delivery locations by MWA has increased. This increase is planned to continue well into the future based on MWA's ability to store and purchase State Project Water. With the MWA facilities increasing from the standpoint of delivery locations, the ability to effectively operate and maintain the widespread MWA facilities is difficult when simultaneous deliveries occur. Prior to 2003 MWA delivered water primarily to HDWD via the Morongo Basin Pipeline. Two Water System Operators were enough to provide safe and efficient coverage for this one facility. Now, with the Mojave River Pipeline nearing completion and the multi delivery locations of pipeline the operator time is spread thin. There are circumstances that require two operators to be at one location for maintenance done in vaults, buildings, and basins which would prohibit other work at other locations being attended. With the additional operator the Staff will have the ability to have two, two man teams that can safely and efficiently address our current and planned system operation schemes. This past year MWA has also purchased equipment that will be used by several of the operations staff. During the use of the equipment two personnel will be required to be at the work site. With the added operator the Operations and Maintenance Department will be prepared for the increase in work effort over the next few years.

2006 Mojave Water Agency Budget

Budget Analysis

2005 COMBINED BUDGET

2005 COMBINED BUDGET					
Fund Description	Operations	Capital	Total Budget Revenues	Debt Service	Total Revenues
REVENUES					
100 General Fund	10,003,845		10,003,845		10,003,845
Grants		5,900,406	5,900,406		5,900,406
Turn back Pool					
Interest Income	320,287		320,287		320,287
600 State Water Contract	1,830,655		1,830,655	6,625,378	8,456,033
849 Improvement District "M"				4,104,572	4,104,572
Interest Income				72,300	72,300
900 Watermaster	823,000		823,000		823,000
949 Berrenda Mesa	2,223,141		2,223,141	1,924,753	4,147,894
Reserve Contribution		685,000	685,000		685,000
Total Revenues	15,200,928	6,585,406	21,786,334	12,727,003	34,513,336
EXPENSES	44%	19%		37%	
100 General Fund	10,131,028	10,712,821	20,843,849		20,843,849
600 State Water Contract				5,823,819	5,823,819
840 Improvement District "M"				3,822,153	3,822,153
860 Reach 1 - Oversize				350,985	350,985
870 Mojave River Pipeline Project				344,611	344,611
872 MRPP - Reach 1A, 3A & 3B					
880 High Desert Extension				105,964	105,964
900 Watermaster	816,850	5,000	821,850		821,850
949 Berrenda Mesa				1,924,753	1,924,753
Total Expenses	10,947,878	10,717,821	21,665,699	12,372,283	34,037,982
Revenues less Expenses	4,253,050	(4,132,415)	120,635	354,719	475,355
Reserved for Debt Service				(354,719)	(354,719)
Net Revenues	4,253,050	(4,132,415)	120,635	(0)	120,635

2006 COMBINED BUDGET

2006 COMBINED BUDGET					
Fund Description	Operations	Capital	Total Budget Revenues	Debt Service	Total Revenues
REVENUES					
100 General Fund	12,615,999		12,615,999		12,615,999
Grants		6,087,500	6,087,500		6,087,500
Turn back Pool					
Interest Income	350,000		350,000		350,000
600 State Water Contract	4,994,737		4,994,737	6,569,191	11,563,927
849 Improvement District "M"				3,454,904	3,454,904
Interest Income				72,300	72,300
900 Watermaster	2,471,657		2,471,657		2,471,657
949 Berrenda Mesa	4,111,136		4,111,136	1,695,881	5,807,017
Reserve Contribution				368,971	368,971
Total Revenues	24,543,528	6,087,500	30,631,028	12,161,247	42,792,275
EXPENSES					
100 General Fund	13,171,577	12,777,426	25,949,002		25,949,002
600 State Water Contract				5,761,942	5,761,942
840 Improvement District "M"				3,823,875	3,823,875
860 Reach 1 - Oversize				350,985	350,985
870 Mojave River Pipeline Project				350,300	350,300
872 MRPP - Reach 1A, 3A & 3B					
880 High Desert Extension				105,964	105,964
900 Watermaster	568,777		568,777		568,777
949 Berrenda Mesa				1,695,881	1,695,881
Total Expenses	13,740,354	12,777,426	26,517,779	12,088,947	38,606,726
Revenues less Expenses	10,803,175	(6,689,926)	4,113,249	72,300	4,185,549
Reserved for Debt Service				296,671	296,671
Net Revenues	10,803,175	(6,689,926)	4,113,249	368,971	4,482,220

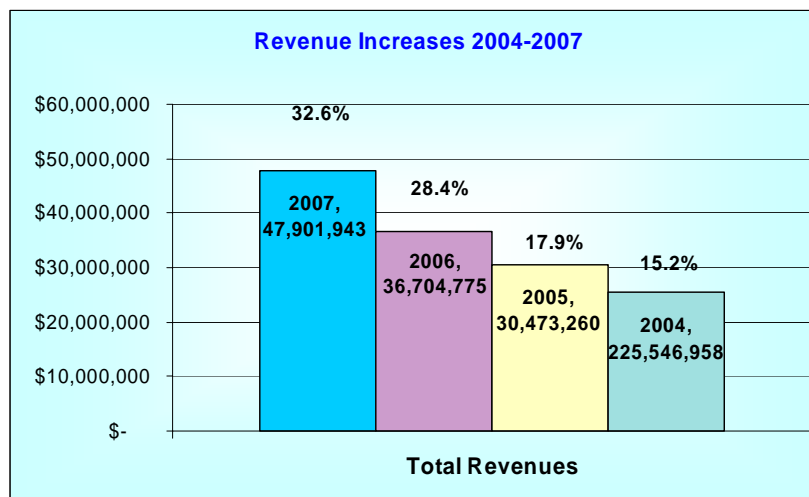
2006 Mojave Water Agency Budget

2007 COMBINED BUDGET

2007 COMBINED BUDGET					
Fund Description	Operations	Capital	Total Budget Revenues	Debt Service	Total Revenues
REVENUES					
100 General Fund	17,743,704		17,743,704		17,743,704
Grants		14,387,500	14,387,500		14,387,500
Turn back Pool					
Interest Income	380,000		380,000		380,000
600 State Water Contract	6,640,432		6,640,432	6,807,249	13,447,681
849 Improvement District "M"				3,753,819	3,753,819
Interest Income				72,300	72,300
900 Watermaster	5,528,041		5,528,041		5,528,041
949 Berrenda Mesa	5,052,292		5,052,292	1,924,106	6,976,398
Reserve Contribution					
Total Revenues	35,344,469	14,387,500	49,731,969	12,557,474	62,289,443
EXPENSES					
	102%	42%		36%	
100 General Fund	14,513,960	21,517,686	36,031,646		36,031,646
600 State Water Contract				6,000,000	6,000,000
840 Improvement District "M"				3,820,238	3,820,238
860 Reach 1 - Oversize				350,985	350,985
870 Mojave River Pipeline Project				350,300	350,300
872 MRPP - Reach 1A, 3A & 3B					
880 High Desert Extension				105,964	105,964
900 Watermaster	597,216	5,143	602,359		602,359
949 Berrenda Mesa				1,924,106	1,924,106
Total Expenses	15,111,176	21,522,829	36,634,005	12,551,592	49,185,597
Revenues less Expenses	20,233,293	(7,135,329)	13,097,964	5,882	13,103,846
Reserved for Debt Service				(5,882)	(5,882)
Net Revenues	20,233,293	(7,135,329)	13,097,964		13,097,964

Revenues

There are some significant events in the budget this year. Despite the State taking our General Revenue taxes for the second year, we still have a significant increase in revenues. The revenues below (without grant funds), we are projecting a 28.4% increase for 2006 and a 32.6% increase for 2007. This is caused by a substantial increase in tax revenues as well as large increases in replacement water sales.



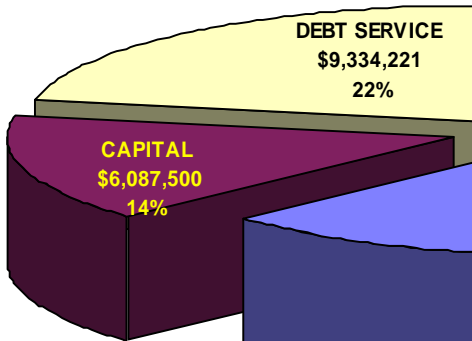
The table below clearly shows the two largest categories of increase are the General Fund and the State Water Contract.

2006 Mojave Water Agency Budget

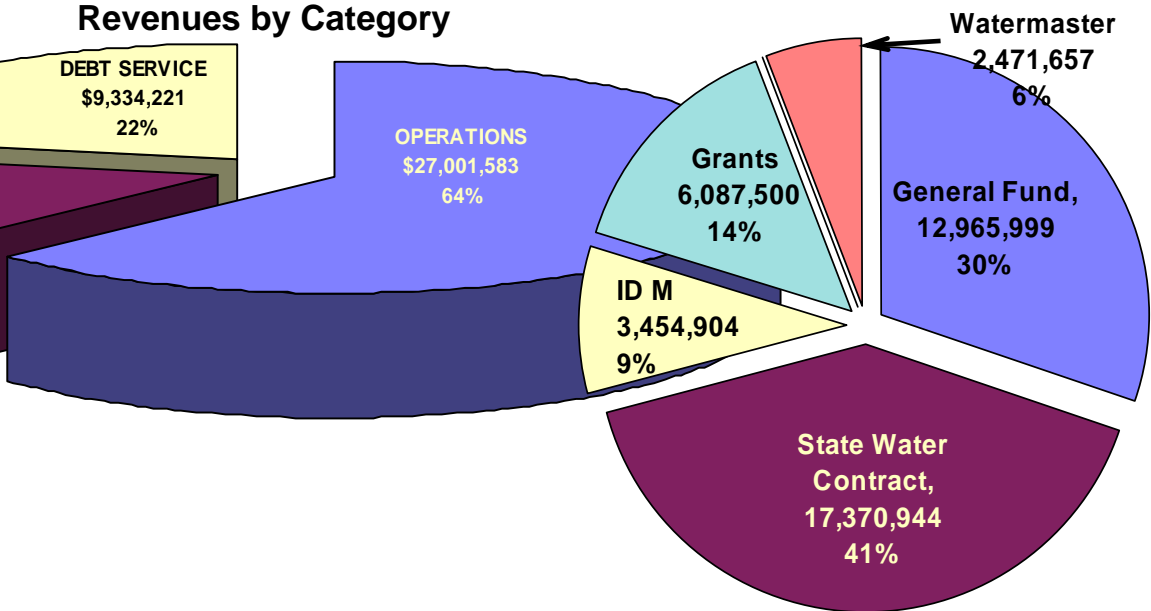
Revenues by Department and Category

FUND	DESCRIPTION	OPERATIONS	CAPITAL	DEBT SERVICE	TOTALS	
100	General Fund	12,965,999			12,965,999	31%
600	State Water Contract	11,563,927		5,807,017	17,370,944	41%
849	Improvement District "M"			3,454,904	3,454,904	8%
	Grants and Loans		6,087,500		6,087,500	14%
	Debt Service Interest Income			72,300	72,300	0%
900	Watermaster	\$2,471,657			2,471,657	6%
TOTALS		\$ 27,001,583	\$ 6,087,500	\$ 9,334,221	\$ 42,423,305	100%
		64%	14%	22%	100%	

Revenues by Category



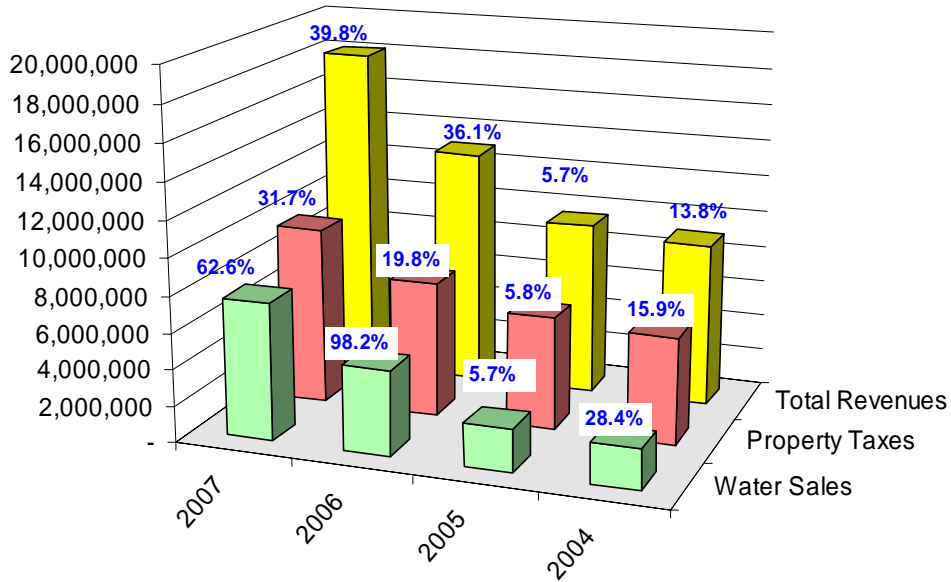
Revenues by Source



The details of the General Fund below clearly show that Water Sales and Property Taxes depict the largest increases as indicated on the graph below the table.

DESCRIPTION	Budget 2007	Budget 2006	Projected 2005	ACTUAL 2004
Water Sales	7,524,975	4,627,725	3,773,069	2,208,455
Minimum OMP&R (ID M)	170,000	186,756	111,603	162,944
Replacement Costs (ID M)	277,000	277,000	277,000	277,456
Property Taxes	9,746,729	7,400,518	6,175,744	5,835,505
Rental Income	14,000	14,000	14,000	14,004
Interest Income	380,000	350,000	320,287	300,945
Miscellaneous Income	1,000	10,000	3,078	648
Turnback Pool			287,980	215,985
Reimbursed Expenses	10,000	100,000	5,056	3,792
Total Revenues	18,123,704	12,965,999	10,967,817	9,019,734
Increase year to year	39.8%	18.2%	21.6%	13.8%

2006 Mojave Water Agency Budget

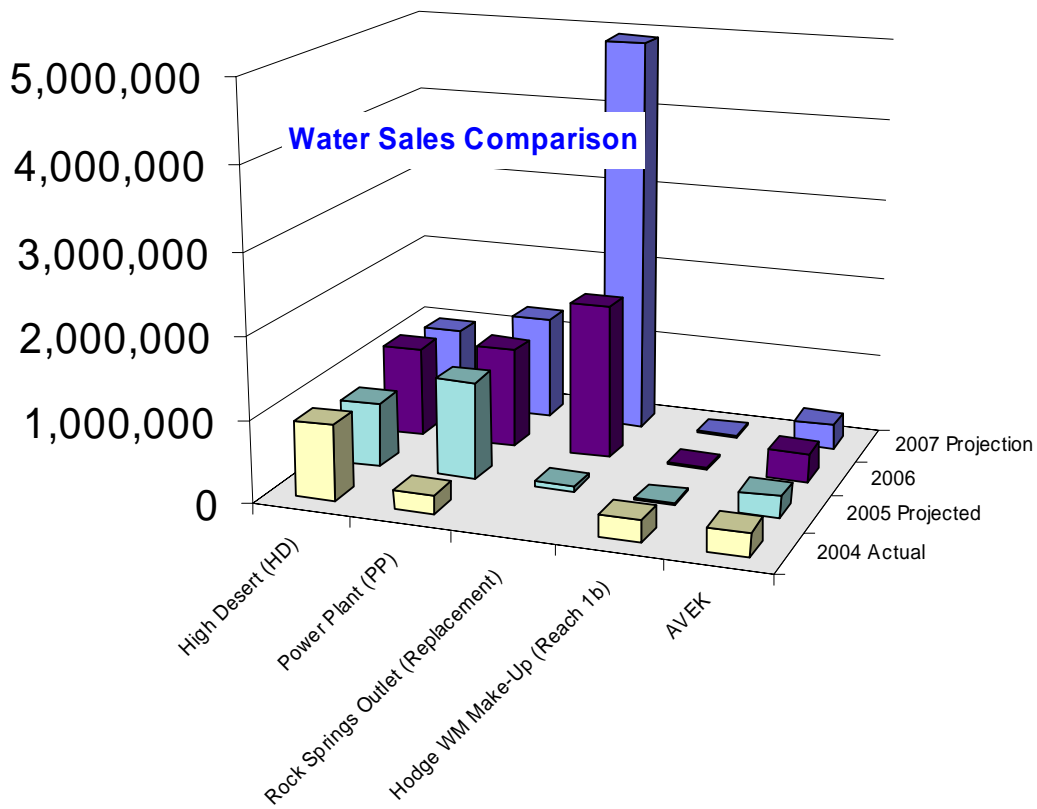


Water sales

There is a sudden, almost radical increase in fiscal 2006, caused by the sale of replacement water as depicted in the table below. There were no significant sales of replacement water in 2004 or 2005, therefore when replacement sales of 6,800 AF were budgeted in 2006, it caused a significant change and then a very large increase to 20,000 AF is expected in 2007. The graph and table below shows how the total water sales were impacted.

Water Sales	2007 Budgeted			2006 Budgeted			2005	2004
	Acre Ft	\$/AF	Extended	Acre Ft	\$/AF	Extension	Projected	Actual
High Desert (HD)	3,500	287	1,004,500	4,000	279	1,116,000	792,400	650,028
Power Plant (PP)	3,500	363	1,270,500	3,500	352	1,232,000	1,200,000	1,180,840
Rock Springs Outlet (Replacement)	20,000	246	4,920,000	6,800	281	1,910,800	64,349	
Hodge WM Make-Up (Reach 1b)	75	309	23,175	75	359	26,925	16,117	103,217
AVEK	1,300	236	306,800	1,500	228	342,000	262,500	225,309
	28,375	265	7,524,975	15875	292	4,627,725	2,335,366	2,208,455

2006 Mojave Water Agency Budget



Tax Revenues

Tax Revenues by Year

Tax Rate Area	2007 Budget	2006 Budget	2005 Projected	Actuals				
				2004	2003	2002	2001	2000
MWA 1	9,959,482	8,660,419	7,339,338	6,225,853	4,967,387	4,782,160	4,751,113	4,884,533
MWA 2	19,185,094	15,969,297	13,292,530	10,970,311	9,332,108	8,717,698	8,432,400	8,133,719
ID M	2,607,748	2,307,742	2,006,732	1,727,964	2,216,412	2,128,004	2,129,476	2,053,687
General	1,036,598	143,179	135,035	857,576	799,101	761,890	718,524	1,419,710
Total Increase	32,788,922	27,080,636	22,773,635	19,781,705	17,315,007	16,389,752	16,031,513	16,491,648

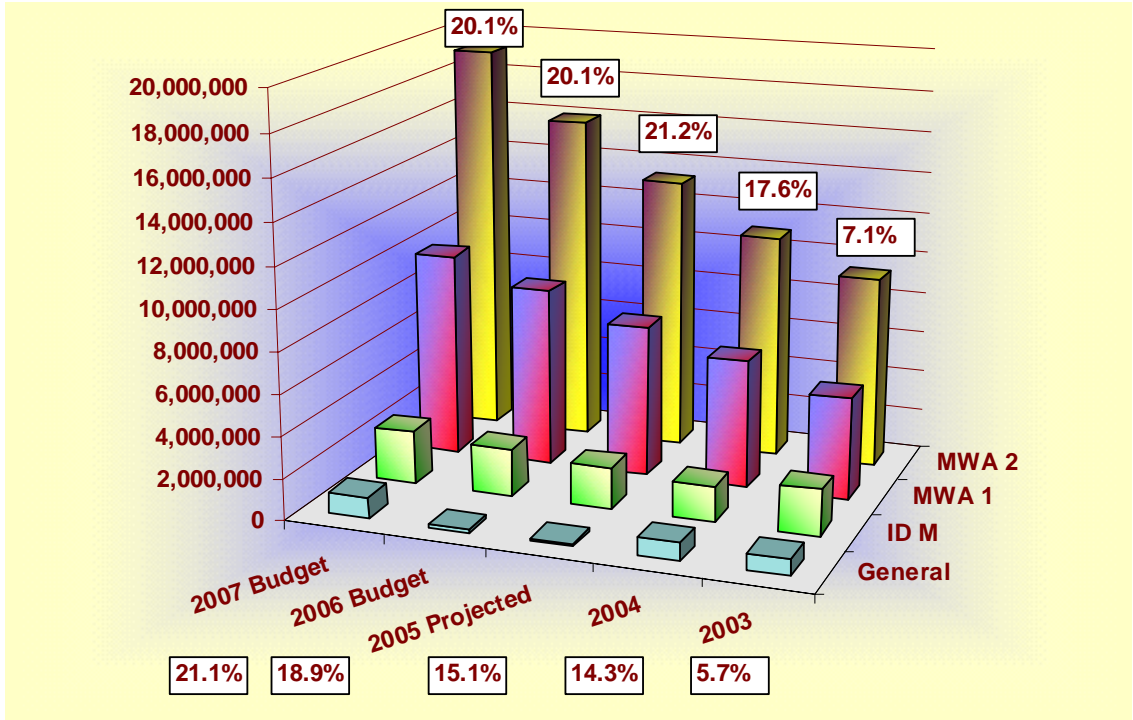
Tax Revenues by Department

SUMMARY Fiscal 2006	GENERAL 100	SWP 600	IDM 849	Brnda Mesa 949	WM LIENS 900	TOTAL
INCOME:						
MWA 1 & 2 TAXES		24,629,715				24,629,715
ADJ.MWA 2 TXS	7,258,771	(13,065,788)		5,807,017		
ID M TAXES			2,307,742			2,307,742
GENERAL TAXES	141,747				1,432	143,179
TOTAL INCOME:	7,400,518	11,563,927	2,307,742	5,807,017	1,432	27,080,636

2006 Mojave Water Agency Budget

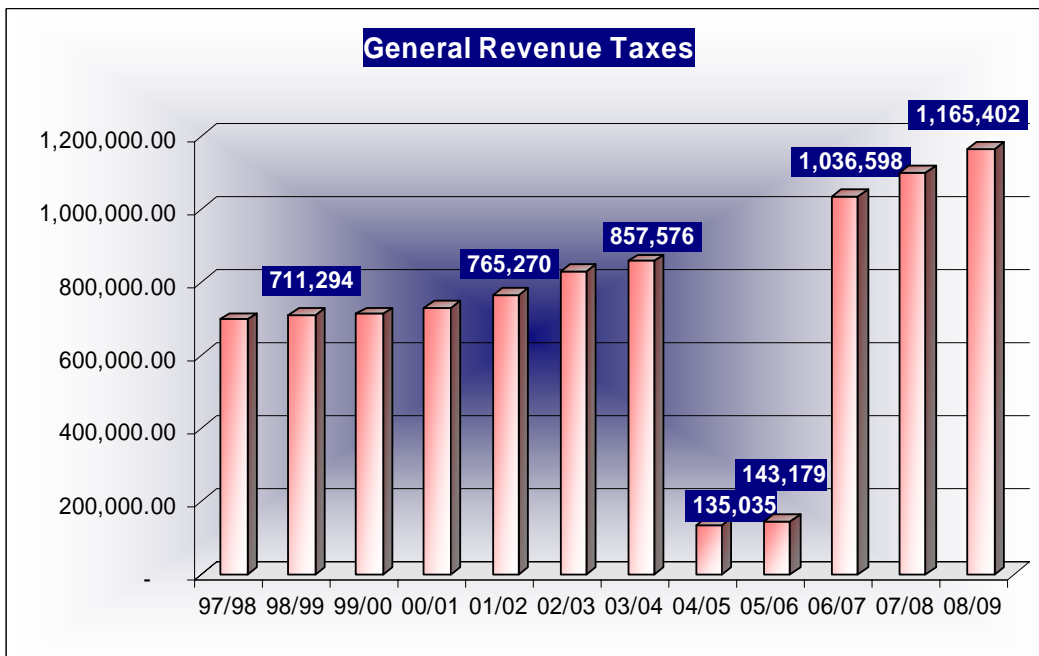
The chart below depicts the increases we've received since 2003 and as you can see the increases are becoming more prominent each year. It has been determined that the increases we see in the taxes each year represent economic events of 18 to 24 months prior. It would seem fair to assume that since the growth has continued into today that we can expect at least two more years of growth, which is how the projections to 2006 and 2007 were determined.

Based on the building permits, cost per square foot, and population increases in 2004 and 2005, the projections to 2006 and 2007 were extracted using the base assessed values of the same years.



State ERAF

The theft of our 1% of General Revenue taxes has been taken for the second year. Below are the amounts that have been received; as you can see we will have been shorted about \$1,600,000 over the two years.



Expenses

Expense Summary

Fund Description	Operations	Capital	Total Budget	Debt Service	Total
100 General Fund	13,176,577	12,777,426	25,954,002		25,954,002
600 State Water Contract				5,626,170	5,626,170
840 Improvement District "M"				3,823,875	3,823,875
860 Reach 1 - Oversize				350,985	350,985
870 Mojave River Pipeline Project				350,300	350,300
872 MRPP - Reach 1A, 3A & 3B					
880 High Desert Extension				105,964	105,964
900 Watermaster	568,777		568,777		568,777
949 Berrenda Mesa				1,695,881	1,695,881
Total Expenses	13,745,354	12,777,426	26,522,779	11,953,175	38,475,954
Net Revenues	10,933,947	(6,689,926)	4,244,021	368,971	4,612,992

Expense Detail Summary

MWA EXPENSE SUMMARY SHEET						
DESCRIPTION	100-AD	100-OM	100-WR	2006 MWA	2005 MWA	
Salaries	933,019	690,821	492,694	2,116,534	1,883,938	12.3%
Overtime		51,945		51,945	43,663	19.0%
Director Fees	143,657			143,657	136,819	5.0%
TOTAL SALARIES	1,076,676	742,766	492,694	2,312,136	2,064,421	12.0%
Fringe Benefits	653,473	390,467	311,497	1,355,437	1,028,044	31.8%
TOTAL SALARIES & BENEFITS	1,730,149	1,133,232	804,191	3,667,573	3,092,464	18.6%
Labor Transfers out	44,617	366,868	258,396	669,881	743,999	-10.0%
NET SALARIES & BENEFITS	1,685,533	766,364	545,795	2,997,692	2,348,465	27.6%
DWR Variable Transportation		2,113,230		2,113,230	1,650,200	28.1%
DWR Minimum OMP&R Component		4,036,194		4,036,194	3,808,066	6.0%
DWR East Branch Enlargement		202,284		202,284	152,483	32.7%
DWR Off Aqueduct Facilities		1,851,714		1,851,714	1,080,632	71.4%
SWC Member Allocation	90,000			90,000	86,612	3.9%
Total Water Purchase Costs	90,000	8,203,422		8,293,422	6,777,993	22.4%

There are three primary expense categories in our overhead expenses; Labor, DWR costs, and departmental expenses. Benefits cost 58.6% of the labor. Labor has increased 12.0% and benefits increased 31.8%. As explained above on page 7 above under the "Budget Change Summary" the Agency has budgeted three new positions this year which represents 7% of the 12% increase, the remainder is a result of the expected merit increases in fiscal 2006. The 32% increase in benefits is primarily caused by the increase of the Agency retirement contribution from 2.0% to 2.7%, which represents 25.2% of the benefits increase.

DWR costs have increased 52% due to a 26% increase in the Off-Aqueduct Facilities along with a 26% increase in variable cost. The increase in the variable costs of water is almost evenly split between the increase in the amount of water being purchased by the Agency and the 31% increase in the variable cost of the water. The variable cost of water is also offset by the much smaller increase in the Off-Aqueduct Power Cost. The Off-Aqueduct Facility charge went from 60,000 per month to \$135,000 per month in mid-year based on the Statement of Charges issued by DWR.

2006 Mojave Water Agency Budget

Overhead Calculation Summary

On the overhead allocation table below is the formula used to determine the overhead allocation factor to be used for this budget year. This allocates overhead costs to capital based on the amount of in-house labor required to complete a project. This is a key component in accurately spreading the cost department labor and overhead to both capital projects and other departments requiring support.

Description	Admin	W.M.	O & M	W.R.	Total	MWA	WM
Salaries	933,019	178,127	690,821	492,694	2,294,661	2,116,534	178,127
Benefits	653,473	98,293	390,467	311,497	1,453,730	1,355,437	98,293
Departmental Overhead	2,078,736	371,250	376,840	611,226	3,438,052	3,066,802	371,250
Direct Costs	90,000		8,203,422		8,293,422	8,293,422	
Total Department Expense	3,755,229	647,670	9,661,549	1,415,417	15,479,865	14,832,195	647,670
Head Count	13.5	3.5	10.0	9.6	36.6	33.1	3.5
Hours to Capital	780		11,660	16,388	28,828	28,828	
Overhead Costs	2,732,209	469,543	414,831	922,723	4,891,782	4,422,239	469,543
Labor Burden Rate	293%	264%	60%	187%	213%	209%	264%
Less Allocated Overhead Costs					(1,363,101)	(1,578,616)	(207,500)
Plus Allocated Overhead Costs					1,363,101	1,232,750	130,351
Adjusted Overhead Costs					4,891,784	4,076,374	392,397
Labor Burden Rate					213%	193%	220%

OVERHEAD ALLOCATION CALCULATION

Description	MWA	WM	Total	Head Count	Taxes & Rates	MWA	WM
Salaries	2,498,599	178,127	2,676,726			2,676,726	
Overtime	51,945	2,000	53,945			53,945	
Director Fees	143,657		143,657	143,657		129,919	13,738
Fringe Benefits	1,355,437	98,293	1,453,730			1,453,730	
DWR Variable Transportation	2,113,230		2,113,230		2,113,230	2,113,230	
DWR Minimum OMP&R Component	4,036,194		4,036,194		4,036,194	4,036,194	
DWR EB Enlargement OMP&R	202,284		202,284		202,284	202,284	
DWR Off Aqueduct Facilities	1,851,714		1,851,714		1,851,714	1,851,714	
SWC Member Allocation	90,000		90,000		90,000	90,000	
Directors Preapproved Travel	20,000		20,000			20,000	
Directors Expenses	5,000		5,000	5,000		4,522	478
Equipment Lease/Rent	66,782		66,782			66,782	
Safety Supplies	10,500	250	10,750	10,750		9,722	1,028
Recruiting	11,000		11,000			11,000	
Temporary Services	44,100		44,100			44,100	
Building Maintenance	40,000		40,000	40,000		36,175	3,825
Utilities	188,640		188,640	188,640		170,601	18,039
Photo Exp	200		200	200		181	19
Postage/Mailing	7,200	48,000	55,200			55,200	
Office Supplies	35,000		35,000	35,000		31,653	3,347
Small Tools	15,700	500	16,200	16,200		14,651	1,549
Books & Subscriptions	11,500	1,500	13,000			13,000	
Telephone	102,000		102,000	102,000		92,246	9,754
Printing	6,500	4,500	11,000			11,000	
Equipment Maintenance	86,000		86,000	86,000		77,776	8,224
Insurance	197,554		197,554	197,554		178,662	18,892
Dues, Fees & Memberships	41,100		41,100	41,100		37,170	3,930
Auto Expenses	50,000		50,000			50,000	
Travel, Meals, Lodging ("TML"), Staff	26,000	2,000	28,000			28,000	
Education & Training	59,000	5,000	64,000			64,000	
Consulting	160,000		160,000			160,000	
Legal Services	75,000	45,000	120,000			120,000	
Legal Services - Adjudication	50,000		50,000			50,000	
Professional Services - Lobbyist	114,000		114,000			114,000	
Accounting & Auditing	60,000	7,500	67,500			67,500	
Water Quality	5,000		5,000			5,000	
Engineering	208,866	147,000	355,866			355,866	
USGS	233,110		233,110			233,110	
Aerial Photos	11,150	10,000	21,150			21,150	
Public Relations	292,000		292,000	292,000		264,077	27,923
Water Conservation	500,000		500,000			500,000	
Election Expense							
County Tax Collection Fee	40,000		40,000	40,000		36,175	3,825
County Property Tax Admin Fee							
County Administrative Fee (SB 2557)	15,000		15,000			15,000	
IDM: 4% OMP&R Csts.Support	14,000		14,000			14,000	
Contingency	150,000		150,000	150,000		135,656	14,344
Other Expenses	15,000		15,000				
Interest Expense	15,000		15,000	15,000		13,566	1,434
Total Department Expense	15,324,961	549,670	15,874,631	1,363,101	8,293,422	15,744,280	130,351
Allocated Overhead	1,578,616	207,500	1,726,116	1,363,101		1,465,414	260,702

2006 Mojave Water Agency Budget

MWA Expense Summary

MWA EXPENSE SUMMARY SHEET					
DESCRIPTION	100-AD	100-OM	100-WR	2006 MWA	2005 MWA
Salaries	933,019	690,821	492,694	2,116,534	1,883,938
Overtime		51,945		51,945	43,663
Director Fees	143,657			143,657	136,819
TOTAL SALARIES	1,076,676	742,766	492,694	2,312,136	2,064,421
Fringe Benefits	653,473	390,467	311,497	1,355,437	1,028,044
TOTAL SALARIES & BENEFITS	1,730,149	1,133,232	804,191	3,667,573	3,092,464
Labor Transfers out	44,617	366,868	258,396	669,881	743,999
NET SALARIES & BENEFITS	1,685,533	766,364	545,795	2,997,692	2,348,465
DWR Variable Transportation		2,113,230		2,113,230	1,650,200
DWR Minimum OMP&R Component		4,036,194		4,036,194	3,808,066
DWR East Branch Enlargement		202,284		202,284	152,483
DWR Off Aqueduct Facilities		1,851,714		1,851,714	1,080,632
SWC Member Allocation	90,000			90,000	86,612
Total Water Purchase Costs	90,000	8,203,422		8,293,422	6,777,993
Directors Preapproved Travel	30,000			30,000	30,000
Director Conferences	21,000			21,000	
Directors Expenses	17,500			17,500	17,500
Equipment Lease/Rent	61,782	5,000		66,782	53,000
Safety Supplies	2,000	5,000	3,500	10,500	10,000
Recruiting	4,000	1,000	6,000	11,000	8,000
Temporary Services	15,000		30,000	45,000	44,100
Building Maintenance	40,000			40,000	43,000
Utilities	40,000	148,640		188,640	97,000
Photo Exp	200			200	1,200
Postage/Mailing	6,000	200	1,000	7,200	8,700
Office Supplies	35,000			35,000	30,500
Small Tools	200	6,000	8,000	14,200	31,500
Books & Subscriptions	6,500	2,500	62,500	71,500	13,500
Telephone	82,000	30,000		112,000	111,500
Printing	2,000	1,000	3,500	6,500	4,500
Computer & Equipment Maintenance	57,000	180,000	1,000	238,000	132,500
Data Collection			220,000	220,000	
Insurance	159,554	38,000		197,554	158,000
Dues, Fees & Memberships	35,000	4,500	1,600	41,100	33,500
Auto Expenses	3,000	35,000	12,000	50,000	48,200
Travel, Meals & Lodging (Staff)	20,000	2,000	4,000	26,000	17,500
Education & Training	55,000	14,000	10,000	79,000	36,000
Consulting	150,000		80,000	230,000	195,000
Legal Services	75,000			75,000	50,000
Legal Services - Adjudication	50,000			50,000	150,000
Professional Services - Advocate	114,000			114,000	120,000
Accounting & Auditing	60,000			60,000	80,000
Water Quality			5,000	5,000	5,000
Engineering			200,000	200,000	106,000
USGS			225,000	225,000	175,000
Aerial Photos			61,150	61,150	11,150
Public Information and Outreach	402,500			402,500	87,000
Water Conservation	500,000			500,000	70,000
Election Expense					35,000
County Tax Collection Fee	40,000			40,000	25,000
County Administrative Fee (SB 2557)	102,000			102,000	15,000
IDM: 4% OMP&R Csts.Support		14,000		14,000	14,000
Contingency	60,000	30,000	60,000	150,000	268,650
Other Expenses	15,000			15,000	27,000
Interest Expense	15,000			15,000	6,000
Total Before Transfers	2,276,236	516,840	994,250	3,787,326	2,370,500
Burden Transfers Out	547,407	832,808	526,648	(1,906,863)	(1,256,591)
Total Operating Expense	3,504,361	8,653,818	1,013,397	13,171,577	10,240,366
TOTAL CAPITAL COSTS	547,407	8,155,474	4,074,544	12,777,426	10,712,821
Grants and Loan Revenue	500,000	4,700,000	887,500	6,087,500	5,900,406
NET CAPITAL COSTS	47,407	3,455,474	3,187,044	6,689,926	4,812,415

Information Technology Budgeted Items

Dept	Acct No.	Project #	Product	Materials	Purpose
AD	1145		MAS90	3,500	
AD	1145	225	Document Imaging	7,500	Would include upgrades and contractual services from the softw
AD	1147	303	Boardroom	12,000	Additional audio/video upgrades as required
AD	1145		Notebook for Mike Stevens	3,500	
AD	1145		Portable Projector for PIO	4,000	
AD	1145		Replacement Computer	3,500	
AD Total				34,000	
I.T.	1145		Bonded T-1's	17,500	Additional T-1 Line to be bonded w/existing for 3mbps pipe
I.T.	1145		Cisco Smartnet	42,000	Service agreements
I.T.	1145		Expanets	38,000	Service agreements
I.T.	1145	239	Web/FTP	14,500	Implementation and upgrade products and services from various
I.T.	1145	302	Work Flow	35,000	This includes the introduction of MS SharePoint Portal Server & S
I.T.	1145		Symantec	4,000	Service agreements
I.T.	1145		Microsoft	7,500	Service agreements
I.T.	6075		Questys	5,000	Service agreements
I.T.	1145		Legato	6,000	Service agreements
I.T.	1145		Keyhole	7,200	Service agreements
I.T.	6075		Logitech	2,500	Service agreements
I.T.	1145		Veritas	2,500	Service agreements
I.T.	1145		RealQuest - Online Parcel Info	7,300	
I.T.	1145		Map Library	15,000	
I.T.	6075		Map Library Annual Maintenance	4,000	
I.T.	1145		Brightmail	2,500	Service agreements
I.T.	6075		Misc	12,000	Unforeseen software/hardware requirements that may occur as pr
I.T.	6100		Training	20,000	
I.T. Total				225,000	
O&M	1145		Autocad Upgrade from 14	2,500	
O&M	1145		Autocad Standalone	3,000	
O&M	1145		AutoSketch	150	
O&M	1145		Lookout	1,000	
O&M	1145		Delorme	100	
O&M	1145		MapSend	100	
O&M	1145		MISC	1,500	
O&M	1145		Telemetry Laptop	3,500	
O&M	1145		GPS Unit	1,000	
O&M	1145		Digital Camera	1,000	
O&M	1145		Ipaq	1,500	
O&M	6076		Wireless Connectivity	3,700	
O&M	1145		Replacement Computers (2)	7,000	
O&M Total				19,050	
WM	1145		Replacement Computers (4)	14,000	
WM Total				14,000	
WR	1145		ESRI based software licensing	60,000	
WR	1145	295	GIS Rollout	40,000	Would include upgrades and contractual services from the softw
WR	1145		Full Size Scanner (blueprints)	30,000	
WR	1145		Portable Projector	10,000	
WR	1145		MISC	10,000	Unforeseen software/hardware requirements that may occur as pr
WR	1145		Replacement Computers (2)	7,000	
WR Total				157,000	
Totals				449,050	
				Less Capital Items	200,000
				Operational	249,050

2006 Mojave Water Agency Budget

Administration Department		2007 Budget	2006 Budget	2005 Budget	2005 Projectd	Mar 2005 Actual	2004 Actual	2003 Actual
SALARIES & BENEFITS		105%						
6010	Salaries	979,670	933,019	818,041	894,066	596,044	813,169	691,035
6012	Overtime				1,221	814	681	873
5900	Director Fees	150,840	143,657	136,819	102,981	68,654	95,981	98,986
Total Salaries		1,130,510	1,076,676	954,860	998,268	665,512	909,831	790,894
6020	Benefits	686,147	653,473	512,576	457,751	305,167	411,363	384,694
Total Salaries and Benefits		1,816,657	1,730,149	1,467,436	1,456,019	970,679	1,321,194	1,175,588
Labor Transfer In								
Labor Transfer Out		46,848	44,617	113,320	63,023	42,015	74,578	35,189
Net Salaries and Benefits		1,769,809	1,685,533	1,354,116	1,392,996	928,664	1,246,616	1,140,399
5211	DWR Variable Transportation							
5215	DWR Minimum OMP&R Component							
5216	DWR East Branch Enlargement							
5217	DWR Off Aqueduct Facilities							
5219	SWC Member Allocation	94,500	90,000	86,612	98,222	65,481	99,913	58,353
State Water Purchase Costs		94,500	90,000	86,612	98,222	65,481	99,913	58,353
5935	Directors Legislative Travel	30,000	30,000					
5936	Director Conferences	21,000	21,000		19,320	12,880	6,705	3,239
5940	Directors Expenses	17,500	17,500	17,500	2,720	1,813	4,829	1,352
6046	Equipment Lease/Rent	64,871	61,782	51,000	68,670	45,780	38,810	15,927
6047	Safety Supplies	2,100	2,000	2,000	2,453	1,635	1,509	1,204
6048	Recruiting	4,200	4,000	4,000	735	490	200	5,297
6049	Temporary Services	15,750	15,000	1,500	14,013	9,342	36,380	725
6050	Building Maintenance	42,000	40,000	38,000	46,721	31,147	40,870	19,322
6055	Utilities	42,000	40,000	37,000	40,083	26,722	41,361	38,030
6058	Photo Exp	210	200	200	132	88	139	8
6059	Postage/Mailing	6,300	6,000	8,000	6,525	4,350	5,128	5,222
6060	Office Supplies	36,750	35,000	30,000	43,778	29,185	36,297	42,440
6061	Small Tools	210	200	100	330	220	82	131
6062	Books & Subscriptions	6,825	6,500	6,500	6,434	4,289	12,276	6,511
6065	Telephone	86,100	82,000	81,500	87,555	58,370	86,448	63,628
6070	Printing	2,100	2,000	2,000	1,481	987	2,104	2,417
6075	Computer & Equipment Maintenance	59,850	57,000	62,000	42,593	28,395	18,219	21,574
6078	Data Collection							
6080	Insurance	167,532	159,554	162,577	200,577	106,118	154,058	131,837
6085	Dues, Fees & Memberships	36,750	35,000	30,000	33,496	21,984	28,684	20,832
6090	Auto Expenses	3,150	3,000	3,000	3,467	2,311	2,434	1,513
6094	Travel, Meals & Lodging (Staff)	21,000	20,000	10,000	29,570	19,713	27,657	7,008
6100	Education & Training	57,750	55,000	15,000	12,344	8,229	27,869	2,215
6103	Consulting	157,500	150,000	175,000	163,202	108,801	123,735	84,855
6120	Legal Services	78,750	75,000	50,000	71,972	47,981	135,734	28,804
6120	Legal Services - Adjudication	52,500	50,000	150,000				171,159
6121	Professional Services - Advocate	119,700	114,000	120,000	109,149	72,766	104,831	21,000
6125	Accounting & Auditing	63,000	60,000	80,000	40,460	26,973	64,417	70,675
6133	Water Quality							
6135	Engineering			6,000				5,559
6140	USGS							
6152	FPA Water Purchases							
6155	Aerial Photos							1,319
6161	Public Information and Outreach	427,875	407,500	87,000	29,889	19,926	50,669	40,109
6165	Water Conservation	525,000	500,000	70,000	38,867	25,911	27,497	4,505
6205	Election Expense			35,000			54,389	
6210	County Tax Collection Fee	42,000	40,000	25,000	34,716	23,144	35,238	16,617
6211	County Property Tax Admin Fee			1,000				
6212	County Administrative Fee (SB 2557)	107,100	102,000	15,000	98,991	65,994	41,872	11,984
6225	IDM: 4% OMP&R Csts.Support							
6231	Contingency	63,000	60,000	157,000	11,585	7,723		
6235	Other Expenses	15,750	15,000	27,000	9,297	6,198	16,311	17,405
6310	Interest Expense	15,750	15,000		12,890	8,593	19,302	1,766
Total Non-Labor Expense		2,391,873	2,281,236	1,559,877	1,284,007	828,058	1,246,054	866,186
Total Departmental Expense		4,256,182	4,056,769	3,000,604	2,775,225	1,822,203	2,592,583	2,064,938
Less Labor Burden Out		76,430	72,791	204,429	90,646		133,942	
Total NET Departmental Expense		4,179,752	3,983,978	2,796,175	2,684,579	1,822,203	2,458,641	2,064,938

2006 Mojave Water Agency Budget

O&M Department	2007 Budget	2006 Budget	2005 Budget	2005 Projctd	3/15/05 Actual	2004 Actual	2003 Actual
SALARIES & BENEFITS	105%						
6010 Salaries	725,362	690,821	606,076	573,209	406,023	357,729	684,702
6012 Overtime	54,542	51,945	43,663	8,261	5,852	2,690	9,709
6015 Director Fees							
TOTAL SALARIES	779,904	742,766	649,739	581,470	411,875	360,419	694,411
6020 Benefits	409,990	390,467	290,197	302,272	214,109	305,167	294,248
TOTAL SALARIES & BENEFITS	1,189,894	1,133,232	939,936	883,742	625,984	665,586	988,659
Labor Transfers In							
Labor Transfers Out	385,211	366,868	404,159	334,995	237,288	222,332	435,622
NET SALARIES & BENEFITS	804,682	766,364	535,777	548,747	388,696	443,255	553,037
5211 C/S: DWR-Variable Trans(158.55/AF)	1,748,014	1,664,775	1,650,200	1,698,549	1,203,139	1,540,399	383,655
5212 C/S: DWR-Off Aqueduc (42.71/AF)	470,878	448,455		430,382	304,854		
5213 DWR Off Aqueduct & PPV					62,343	(334,334)	
5215 DWR Minimum OMP&R Component	4,238,004	4,036,194	3,808,066	3,592,587	2,544,749	4,066,835	4,326,894
5216 DWR East Branch Enlargement	212,398	202,284	152,483	117,623	83,316	123,300	(47,859)
5217 DWR Off Aqueduct Facilities	1,944,300	1,851,714	1,080,632	1,727,801	1,321,493		(173,984)
State Water Purchase Costs	8,613,593	8,203,422	6,691,381	7,566,942		5,396,200	4,488,706
6028 Safety Supplies	5,250	5,000	5,000	21	15	1,145	1,526
6035 Recruiting	1,050	1,000	1,000				5,196
6037 Temporary Services			1,000	13,914	9,856	5,030	
6046 Equipment Lease/Rent	5,250	5,000	2,000	1,163	824	1,409	1,576
6055 <u>Utilities</u>	156,072	148,640	60,000	116,368	82,427	133,375	114,193
6058 Photo Exp			1,000				
6059 Postage/Mailing	210	200	200	418	296	132	115
6060 Office Supplies			500				37
6061 Small Tools	6,300	6,000	26,900	9,030	6,396	9,658	5,028
6062 Books & Subscriptions	2,625	2,500	2,000	2,942	2,084	1,692	5,736
6065 Telephone	31,500	30,000	30,000	17,904	12,682	24,052	12,908
6065 Telephone/In - Directors						157	
6070 Printing	1,050	1,000	500	1,125	797	157	683
6075 Equipment Maintenance	189,000	180,000	117,500	31,011	21,966	20,323	42,488
6076 Equipment Maintenance-Comp Software						42,548	866
6078 Data Collection							
6080 Insurance	39,900	38,000	38,000	42,546	30,137	42,548	40,412
6081 Claims/Losses						43,573	
6085 Dues, Fees & Memberships	4,725	4,500	2,000	3,275	2,320	1,527	1,959
6090 Auto Expenses	36,750	35,000	36,200	34,852	24,687	43,573	35,939
6094 Travel Expense	2,100	2,000	3,500	1,669	1,182	369	2,123
6100 Education & Training	14,700	14,000	11,000	12,939	9,165	6,239	4,810
6225 IDM: 4% OMP&R Csts.Support	14,700	14,000	14,000	18,008	12,756	17,616	18,550
6231 Contingency	31,500	30,000					
Total Non-Labor Expense	542,682	516,840	352,300	307,186	217,590	395,336	294,090
Total Departmental Expense	10,346,169	9,486,626	7,983,617	8,422,875	606,286	6,234,790	5,335,833
Less Labor Out	385,211	366,868	404,159	334,995	237,288		
Less Labor Burden Out	874,448	832,808	729,101	604,104	427,907	609,960	
Total NET Departmental Expense	9,086,509	8,286,951	6,850,357	7,483,776	(58,909)	5,624,830	5,335,833

Operations and Maintenance Department

O&M Department	2007 Budget	2006 Budget	2005 Budget	2005 Projectd	3/15/05 Actual	2004 Actual	2003 Actual	100 OM	294	315	318	319	322	323	345	870	873	840	87A	Job Totals	Capital Costs	Period Costs
SALARIES & BENEFITS	105%																					
6010 Salaries	725,362	690,821	606,076	573,209	406,023	357,729	684,702	75,199	71,683	31,321		19,440	27,385	25,091		10,371	272,752	62,794	94,785	615,622	458,043	157,579
6012 Overtime	54,542	51,945	43,663	8,261	5,852	2,690	9,709	51,945														
6015 Director Fees								-														
TOTAL SALARIES	779,904	742,766	649,739	581,470	411,875	360,419	694,411	127,143	71,683	31,321		19,440	27,385	25,091		10,371	272,752	62,794	94,785	615,622	458,043	157,579
6020 Benefits	409,990	390,467	290,197	302,272	214,109	305,167	294,248	390,467														
TOTAL SALARIES & BENEFITS	1,189,894	1,133,232	939,936	883,742	625,984	665,586	988,659	517,610	71,683	31,321		19,440	27,385	25,091		10,371	272,752	62,794	94,785	615,622	366,868	157,579
Labor Transfers In																						
Labor Transfers Out	385,211	366,868	404,159	334,995	237,288	222,332	435,622															
NET SALARIES & BENEFITS	804,682	766,364	535,777	548,747	388,696	443,255	553,037	517,610	71,683	31,321		19,440	27,385	25,091		10,371	272,752	62,794	94,785	615,622	366,868	157,579
5211 C/S: DWR-Variable Trans(158.55/AF)	1,748,014	1,664,775	1,650,200	1,698,549	1,203,139	1,540,399	383,655															
5212 C/S: DWR-Off Aqueduc (42.71/AF)	470,878	448,455		430,382	304,854																	
5213 DWR Off Aqueduc & PPV					62,343	(334,334)																
5215 DWR Minimum OMP&R Component	4,238,004	4,036,194	3,808,066	3,592,587	2,544,749	4,066,835	4,326,894	3,808,066														
5216 DWR East Branch Enlargement	212,398	202,284	152,483	117,623	83,316	123,300	(47,859)	152,483														
5217 DWR Off Aqueduc Facilities	1,944,300	1,851,714	1,080,632	1,727,801	1,321,493		(173,984)	1,080,632														
State Water Purchase Costs	8,613,593	8,203,422	6,691,381	7,566,942		5,396,200	4,488,706	5,041,181														
6028 Safety Supplies	5,250	5,000	5,000	21	15	1,145	1,526	5,000														
6035 Recruiting	1,050	1,000	1,000				5,196	1,000														
6037 Temporary Services			1,000	13,914	9,856	5,030		-														
6046 Equipment Lease/Rent	5,250	5,000	2,000	1,163	824	1,409	1,576	5,000														
6055 Utilities	156,072	148,640	60,000	116,368	82,427	133,375	114,193	148,640														
6058 Photo Exp			1,000					-														
6059 Postage/Mailing	210	200	200	418	296	132	115	200														
6060 Office Supplies			500				37	-														
6061 Small Tools	6,300	6,000	26,900	9,030	6,396	9,658	5,028	6,000														
6062 Books & Subscriptions	2,625	2,500	2,000	2,942	2,084	1,692	5,736	2,500														
6065 Telephone	31,500	30,000	30,000	17,904	12,682	24,052	12,908	30,000														
6065 Telephone/In - Directors							157	-														
6070 Printing	1,050	1,000	500	1,125	797	157	683	1,000														
6075 Equipment Maintenance	189,000	180,000	117,500	31,011	21,966	20,323	42,488	40,000										75,000	65,000	140,000		140,000
6076 Equipment Maintenance-Comp Software						42,548	866															
6078 Data Collection																						
6080 Insurance	39,900	38,000	38,000	42,546	30,137	42,548	40,412	38,000														
6081 Claims/Losses							43,573															
6085 Dues, Fees & Memberships	4,725	4,500	2,000	3,275	2,320	1,527	1,959	4,500														
6090 Auto Expenses	36,750	35,000	36,200	34,852	24,687	43,573	35,939	35,000														
6094 Travel Expense	2,100	2,000	3,500	1,669	1,182	369	2,123	2,000														
6100 Education & Training	14,700	14,000	11,000	12,939	9,165	6,239	4,810	14,000														
6225 IDM: 4% OMP&R Csts.Support	14,700	14,000	14,000	18,008	12,756	17,616	18,550	14,000														
6231 Contingency	31,500	30,000																				
Total Non-Labor Expense	542,682	516,840	352,300	307,186	217,590	395,336	294,090	346,840										75,000	65,000	140,000		140,000
Total Departmental Expense	10,346,169	9,486,626	7,983,617	8,422,875	606,286	6,234,790	5,335,833	5,905,631		31,321			25,091				272,752	137,794	159,785	755,622	441,868	297,579
Less Labor Out	385,211	366,868	404,159	334,995	237,288																	
Less Labor Burden Out	874,448	832,808	729,101	604,104	427,907	609,960																
Total NET Departmental Expense	9,086,509	8,286,951	6,850,357	7,483,776	(58,909)	5,624,830	5,335,833															
CAPITAL REQUIREMENTS																						
Rock Springs Office improvements		30,000	19,600					30,000														
Vehicle F-150, for new operator, If not purchased in 04-05		2,000	105,000					2,000														
Forks for backhoe		5,000	35,000					5,000														
Motorized valve wrench		2,500						2,500														
Welding Equipment		4,000						4,000														
IT Budget		3,700																				
294 HDWD Site 3 Recharge		500,000							500,000												500,000	500,000
315 Rock Springs Valve Rplmnt		250,000								250,000											250,000	250,000
319 Cassia & Helendale PRV upgrades	300,000	350,000	500,000								250,000										350,000	350,000
322 Oro Grande Pipeline Project	11,000,000	200,000	80,000									350,000									200,000	200,000
323 Rock Spring Faciilty Improvements		50,000										200,000									50,000	50,000
318 Antelope Wash Recharge Facility	2,250,000	750,000									750,000										750,000	750,000
Lenwood Recharge Refurbishment		100,000												100,000							100,000	100,000
870 Mojave River Pipeline		65,000														65,000					65,000	65,000
873 Mojave RP-Reach 4B		4,500,000	3,500,000														4,500,000				4,500,000	4,500,000
Total Capital	13,550,000	6,812,200	4,239,600					43,500	500,000	250,000	750,000	350,000	200,000	50,000	100,000	65,000	4,500,000			6,765,000	6,765,000	
Project Labor	668,046	510,467							71,683	31,321		19,440	27,385	25,091		62,794	272,752	62,794	94,785	668,046	510,467	119,876
Project Burden	1,205,150	832,808							116,947	51,100		31,716	44,677	40,936		102,447	444,985	102,447	154,638	1,089,892	832,808	195,573
Total Capital Cost	15,423,196	8,155,474	4,239,600					43,500	688,630	332,421	750,000	401,156	272,062	116,027	100,000	230,241	5,217,737	165,241	249,422	8,522,938	8,108	

2006 Mojave Water Agency Budget

Water Resources Department		2007 Budget	2006 Budget	2005 Budget	2005 Projctd	3/15/05 Actual	2004 Actual	2003 Actual
SALARIES & BENEFITS		105%						
6010	Salaries	517,329	492,694	459,821	432,243	288,162	331,304	240,363
6012	Overtime	-	-	-	7,734	5,156	2,980	385
6015	Director Fees	-	-	-	-	-	-	-
TOTAL SALARIES		517,329	492,694	459,821	439,977	293,318	334,284	240,747
6020	Benefits	327,072	311,497	225,270	290,843	193,895	206,500	112,462
TOTAL SALARIES & BENEFITS		844,401	804,191	685,092	730,820	487,213	540,784	353,209
Labor Transfers in		-	-	-	-	-	-	-
6001	Labor Transfers out	271,316	258,396	226,520	178,124	118,749	126,438	-
NET SALARIES & BENEFITS		573,085	545,795	458,572	552,696	368,464	414,346	353,209
6047	Safety Supplies	3,675	3,500	3,000	2,338	1,559	3,418	2,325
6048	Recruiting	6,300	6,000	3,000	131	88	88	8,361
6049	Temporary Services	31,500	30,000	41,600	11,903	7,935	30,447	42,546
6059	Postage/Mailing	1,050	1,000	500	424	283	482	721
6061	Small Tools	8,400	8,000	4,500	2,905	1,936	6,033	5,475
6062	Books & Subscriptions	65,625	62,500	5,000	273	182	4,294	2,454
6070	Printing	3,675	3,500	2,000	1,289	859	2,149	605
6075	Equipment Maintenance-Comp Hardware	1,050	1,000	3,000	177	118	3,932	1,070
6078	Data Collection	231,000	220,000	-	-	-	-	-
6080	Insurance	-	-	-	-	-	-	-
6085	Dues, Fees & Memberships	1,680	1,600	1,500	1,376	917	1,142	6,051
6090	Auto Expenses	12,600	12,000	9,000	8,532	5,688	11,865	9,048
6094	Travel, Meals & Lodging (Staff)	4,200	4,000	4,000	897	598	823	615
6100	Education & Training	10,500	10,000	10,000	12,323	8,215	8,698	9,548
6103	Consulting	84,000	80,000	20,000	-	-	6,250	4,388
6133	Water Quality	5,250	5,000	5,000	469	313	1,687	10,016
6135	Engineering	210,000	200,000	100,000	34,109	22,739	169,080	1,220
6140	USGS	236,250	225,000	175,000	85,226	56,817	201,452	160,217
6155	Arial Photos	64,208	61,150	11,150	13,496	8,997	8,997	11,455
6231	Contingency	63,000	60,000	59,325	-	-	-	-
Total Non-Labor Expenses		1,043,963	994,250	462,575	175,865	117,243	472,905	277,480
Total Departmental Expense		1,888,363	1,798,441	1,337,667	728,561	485,707	887,251	630,689
Less Labor Out		377,018	258,396	226,520			126,438	
Less Labor Burden Out		258,396	526,648	408,641			99,711	
Total NET Departmental Expense		1,252,949	1,013,397	702,506	728,561	485,707	661,102	

Water Resources Department	2007 Budget	2006 Budget	2005 Budget	2005 Projctd	3/15/05 Actual	2004 Actual	2003 Actual	2002 Actual	100 Exps	229	317	286	287	295	296	297	298	299	309	325
SALARIES & BENEFITS	105%																			
6010 Salaries	517,329	492,694	459,821	432,243	288,162	331,304	240,363	267,668	115,676	12,861	27,036	1,729	7,569	41,049	16,798	5,278	13,371	6,321	4,839	17,078
6012 Overtime	-	-	-	7,734	5,156	2,980	385	7,326	-											
6015 Director Fees	-	-	-	-	-	-	-	-	-											
TOTAL SALARIES	517,329	492,694	459,821	439,977	293,318	334,284	240,747	274,994	115,676	12,861	27,036	1,729	7,569	41,049	16,798	5,278	13,371	6,321	4,839	17,078
6020 Benefits	327,072	311,497	225,270	290,843	193,895	206,500	112,462	127,432	311,497											
TOTAL SALARIES & BENEFITS	844,401	804,191	685,092	730,820	487,213	540,784	353,209	402,426	427,173	12,861	27,036	1,729	7,569	41,049	16,798	5,278	13,371	6,321	4,839	17,078
Labor Transfers in	-	-	-	-	-	-	-	-	-											
6001 Labor Transfers out	271,316	258,396	226,520	178,124	118,749	126,438				12,861	27,036	1,729	7,569	41,049	16,798	5,278	13,371	6,321	4,839	17,078
NET SALARIES & BENEFITS	573,085	545,795	458,572	552,696	368,464	414,346	353,209	402,426	427,173	-	-	-	-	-	-	-	-	-	-	-
6047 Safety Supplies	3,675	3,500	3,000	2,338	1,559	3,418	2,325	255	3,500											
6048 Recruiting	6,300	6,000	3,000	131	88	88	8,361	2,757	6,000											
6049 Temporary Services	31,500	30,000	41,600	11,903	7,935	30,447	42,546		30,000											
6059 Postage/Mailing	1,050	1,000	500	424	283	482	721	406	1,000											
6061 Small Tools	8,400	8,000	4,500	2,905	1,936	6,033	5,475	1,699	8,000											
6062 Books & Subscriptions	65,625	62,500	5,000	273	182	4,294	2,454	3,256	2,500											
6070 Printing	3,675	3,500	2,000	1,289	859	2,149	605	1,540	3,500											
6075 Equipment Maintenance-Comp Hardware	1,050	1,000	3,000	177	118	3,932	1,070	2,593	1,000											
6078 Data Collection	231,000	220,000																		
6080 Insurance	-	-	-	-	-	-	-	-	-											
6085 Dues, Fees & Memberships	1,680	1,600	1,500	1,376	917	1,142	6,051	5,314	1,600											
6090 Auto Expenses	12,600	12,000	9,000	8,532	5,688	11,865	9,048	3,129	12,000											
6094 Travel, Meals & Lodging (Staff)	4,200	4,000	4,000	897	598	823	615	2,139	4,000											
6100 Education & Training	10,500	10,000	10,000	12,323	8,215	8,698	9,548	1,388	10,000											
6103 Consulting	84,000	80,000	20,000	-	-	6,250	4,388	2,732	10,000											
6133 Water Quality	5,250	5,000	5,000	469	313	1,687	10,016	3,198	5,000											
6135 Engineering	210,000	200,000	100,000	34,109	22,739	169,080	1,220		100,000											
6140 USGS	236,250	225,000	175,000	85,226	56,817	201,452	160,217	160,236	50,000											
6155 Arial Photos	64,208	61,150	11,150	13,496	8,997	8,997	11,455	32	61,150											
6231 Contingency	63,000	60,000	59,325						60,000											
Total Non-Labor Expenses	1,043,963	994,250	462,575	175,865	117,243	472,905	277,480	190,674	369,250	-	-	-	-	-	-	-	-	-	-	-
Total Departmental Expense	1,888,363	1,798,441	1,337,667	728,561	485,707	887,251	630,689	593,100	796,423	12,861	27,036	1,729	7,569	41,049	16,798	5,278	13,371	6,321	4,839	17,078
Less Labor Out	377,018	258,396	226,520			126,438														
Less Labor Burden Out	258,396	526,648	408,641			99,711														
Total NET Departmental Expense	1,252,949	1,013,397	702,506	728,561	485,707	661,102														
CAPITAL REQUIREMENTS			(884,626)																	
Departmental Capital Costs																				
IT Budget for Water Resources		157,000	188,750			70,397			157,000											
New Vehicle		40,000	3,500			8,927			40,000											
2004 F-150 for additional field staff (was \$33,000)		-	3,500			29,253														
Digital Camera(s)		-	33,000																	
R&D:		-	10,000																	
Total Departmental Capital	200,000	197,000	238,750	-	-	108,577	-	-	197,000	-	-	-	-	-	-	-	-	-	-	-
Capital Project Costs																				
229 Water Quality Modeling-HDPP	50,000	250,000	500,000							250,000										
317 TZ well - New & Replace	55,000	500,000									500,000									
286 MWD Exchange Program	-	5,000										5,000								
287 MWA/MWD Long Term Storage	-	12,500											12,500							
295 GIS/Roll out of Enterprise	10,000	65,000												65,000						
296 Ames Means Recharge	225,000	125,000													125,000					
297 Alto Subarea Basin Model	150,000	30,000														30,000				
298 Oeste Subarea Basin Model	100,000	100,000															100,000			
299 Subsurface Flow Study TZ ?	-	30,000																30,000		
309 Pioneer Town Evaluation	20,000	20,000																	20,000	
325 2 New Key Wells-A.V. & Hesperia	3,000,000	250,000																		250,000
326 Cedar Street Retention Basin	500,000	50,000																		
327 Este Underflow Study	30,000	50,000																		
330 Joshua Basin Recharge Project	-	30,000	30,000																	
331 Meter Program	50,000	50,000	50,000																	
332 Minimal User Program	150,000	150,000	150,000																	
334 MWD Banking Oeste Investigation	-	30,000	30,000																	
335 South of RS Recharge Project	250,000	-	-																	
338 Upper Oro Grande Recharge Ponds	-	200,000	200,000																	
339 Water Quality - Surface Monitoring	200,000	80,000	80,000																	
341 Fish & Game Well Installation	-	250,000																		
342 Casement Wells	-	15,000																		
343 VVCC Riparian Habitat Study	-	50,000																		
970 Oro Grande Wash Recharge	-	750,000	750,000																	
Total Capital Project Costs	4,790,000	3,092,500	1,790,000	-	-	-	-	-	-	250,000	500,000	5,000	12,500	65,000	125,000	30,000	100,000	30,000	20,000	250,000
Total Capital	4,990,000	3,289,500	2,028,750							250,000	500,000	5,000	12,500	65,000	125,000	30,000	100,000	30,000	20,000	250,000
Project Labor	271,316	258,396	226,520							12,861	27,036	1,729	7,569	41,049	16,798	5,278	13,371	6,321	4,839	17,078
Project Burden	258,396	526,648	408,641							26,212	55,102	3,524	15,428	83,664	34,236	10,756	27,253	12,883	9,863	34,806
Total Capital Cost	5,519,712	4,074,544	2,663,911							289,073	582,138	10,253	35,497	189,714	176,033	46,034	140,624	49,204	34,703	301,884
																				

Water Resources Department	2007	2006																				Total	Capital	Period																																											
	Budget	Budget	326	327	330	331	332	334	335	338	339	341	342	343	970	214	230	246	251	253	288	310	312	Job Cost	Costs	Costs																																									
SALARIES & BENEFITS	105%																																																																		
6010 Salaries	517,329	492,694	17,078	15,675	5,176	-	5,187	972	8,761	7,261	10,396															33,962	13,456	2,668	1,944	10,917	4,215	972	74,727	9,723	377,018	258,396	118,622																														
6012 Overtime	-	-																									-	-	-	-	-	-	-															-	-	-	-	-	-	-	-	-	-	-	-								
6015 Director Fees	-	-																									-	-	-	-	-	-															-	-	-	-	-	-	-	-	-	-	-	-	-								
TOTAL SALARIES	517,329	492,694	17,078	15,675	5,176	-	5,187	972	8,761	7,261	10,396															33,962	13,456	2,668	1,944	10,917	4,215	972	74,727	9,723	377,018	258,396	118,622																														
6020 Benefits	327,072	311,497																									-	-	-	-	-	-															-	-	-	-	-	-	-	-	-	-	-	-	-	-							
TOTAL SALARIES & BENEFITS	844,401	804,191	17,078	15,675	5,176	-	5,187	972	8,761	7,261	10,396															33,962	13,456	2,668	1,944	10,917	4,215	972	74,727	9,723	377,018	258,396	118,622																														
6001 Labor Transfers in	-	-																									-	-	-	-	-	-															-	-	-	-	-	-	-	-	-	-	-	-	-	-							
6001 Labor Transfers out	271,316	258,396	17,078	15,675	5,176	-	5,187	972	8,761	7,261	10,396															33,962	13,456	2,668	1,944	10,917	4,215	972	74,727	9,723	258,396	258,396	-																														
NET SALARIES & BENEFITS	573,085	545,795																									-	-	-	-	-	-															-	13,456	2,668	1,944	10,917	4,215	972	74,727	9,723	118,622	-	118,622									
6047 Safety Supplies	3,675	3,500																									-	-	-	-	-	-															-	-	-	-	-	-	-	-	-	-	-	-	-	-							
6048 Recruiting	6,300	6,000																									-	-	-	-	-	-															-	-	-	-	-	-	-	-	-	-	-	-	-	-							
6049 Temporary Services	31,500	30,000																									-	-	-	-	-	-															-	-	-	-	-	-	-	-	-	-	-	-	-	-							
6059 Postage/Mailing	1,050	1,000																									-	-	-	-	-	-															-	-	-	-	-	-	-	-	-	-	-	-	-	-							
6061 Small Tools	8,400	8,000																									-	-	-	-	-	-															-	-	-	-	-	-	-	-	-	-	-	-	-	-							
6062 Books & Subscriptions	65,625	62,500																									-	-	-	-	-	-															60,000	-	-	-	-	-	-	-	-	-	-	-	-	-	60,000						
6070 Printing	3,675	3,500																									-	-	-	-	-	-															-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
6075 Equipment Maintenance-Comp Hardware	1,050	1,000																									-	-	-	-	-	-															-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
6078 Data Collection	231,000	220,000																									-	-	-	-	-	-															-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	220,000					
6080 Insurance	-	-																									-	-	-	-	-	-															-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
6085 Dues, Fees & Memberships	1,680	1,600																									-	-	-	-	-	-															-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
6090 Auto Expenses	12,600	12,000																									-	-	-	-	-	-															-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
6094 Travel, Meals & Lodging (Staff)	4,200	4,000																									-	-	-	-	-	-															-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
6100 Education & Training	10,500	10,000																									-	-	-	-	-	-															-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
6103 Consulting	84,000	80,000																									-	-	-	-	-	-															-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
6133 Water Quality	5,250	5,000																									-	-	-	-	-	-															-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
6135 Engineering	210,000	200,000																									-	-	-	-	-	-															-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
6140 USGS	236,250	225,000																									-	-	-	-	-	-															-	175,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	175,000				
6155 Arial Photos	64,208	61,150																									-	-	-	-	-	-															-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
6231 Contingency	63,000	60,000																									-	-	-	-	-	-															-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Total Non-Labor Expenses	1,043,963	994,250																									-	-	-	-	-	-															-	60,000	175,000	50,000	50,000	100,000	50,000	120,000	20,000	625,000	-	-	625,000								
Total Departmental Expense	1,888,363	1,798,441	17,078	15,675	5,176	-	5,187	972	8,761	7,261	10,396															33,962	73,456	177,668	51,944	60,917	104,215	50,972	194,727	29,723	1,002,018	258,396	743,622																														
Less Labor Out	377,018	258,396																									-	-	-	-	-	-															-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Less Labor Burden Out	258,396	526,648																									-	-	-	-	-	-															-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Total NET Departmental Expense	1,252,949	1,013,397																									-	-	-	-	-	-															-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
CAPITAL REQUIREMENTS																																																																			
Departmental Capital Costs																																																																			
IT Budget for Water Resources		157,000																																																																	
New Vehicle		40,000																																																																	
2004 F-150 for additional field staff (was \$33,000)		-																																																																	
Digital Camera(s)		-																																																																	
R&D:		-																																																																	
Total Departmental Capital	200,000	197,000																																																																	
Capital Project Costs																																																																			
229 Water Quality Modeling-HDPP	50,000	250,000																																																																	
317 TZ well - New & Replace	55,000	500,000																																																																	
286 MWD Exchange Program	-	5,000																																																																	
287 MWA/MWD Long Term Storage	-	12,500																																																																	
295 GIS/Roll out of Enterprise	10,000	65,000																																																																	
296 Ames Means Recharge	225,000	125,000																																																																	
297 Alto Subarea Basin Model	150,000	30,000																																																																	
298 Oeste Subarea Basin Model	100,000	100,000																																																																	
299 Subsurface Flow Study TZ ?	-	30,000																																																																	
309 Pioneer Town Evaluation	20,000	20,000																																																																	
325 2 New Key Wells-A.V. & Hesperia	3,000,000	250,000																																																																	
326 Cedar Street Retention Basin	500,000	50,000	50,000																																																																
327 Este Underflow Study	30,000	50,000		50,000																																																															
330 Joshua Basin Recharge Project	-	30,000			30,000																																																														
331 Meter Program	50,000	50,000				50,000																																																													
332 Minimal User Program	150,000	150,000					150,000																																																												
334 MWD Banking Oeste Investigation	-	30,000						30,000																																																											

2006 Mojave Water Agency Budget

Watermaster Department	2007 Budget	2006 Budget	2005 Budget	2005 Projected	12/31/04 Actual	2004 Actual
6000 900 WM Fringe Benefits	103,208	98,293	91,790	83,164	41,582	91,790
6010 900 WM Salaries	187,033	178,127	176,660	162,702	81,351	175,835
6012 900 WM Overtime	2,100	2,000	2,000	2,000	1,056	1,302
Sub-Total Salaries & Benefits	292,341	278,420	270,450	247,866	123,989	258,755
5210 900 WM Water Delivery Charges	105,000	100,000	200,000	100,000		103,217
6046 900 WM Equipment Lease/Rent						
6047 900 WM Safety Supplies	263	250	250	200		
6048 900 WM Recruiting						
6049 900 WM Temporary Services						
6050 900 WM Building Maintenance						
6055 900 WM Utilities						
6059 900 WM Postage/Mailing	50,400	48,000	48,000	35,000	2,521	4,602
6060 900 WM Office Supplies						
6061 900 WM Small Tools	525	500	500	200		295
6062 900 WM Books & Subscriptions	1,575	1,500	500	1,207	1,207	42
6065 900 WM Telephone						14
6070 900 WM Printing	4,725	4,500	3,500	518	259	4,358
6075 900 WM Equipment Maintenance					257	39
6076 900 WM Computer Software Maintenance						
6077 900 WM Computer Hardware Maintenance						
6085 900 WM Dues, Fees & Memberships						
6090 900 WM Auto Expenses					354	1,664
6094 900 WM Travel Expenses	2,100	2,000	2,000	1,500	469	186
6100 900 WM Education & Training	5,250	5,000	5,000	5,000	555	386
6120 900 WM Legal Services	47,250	45,000	45,000	35,000	6,706	30,942
6125 900 WM Audit/Accounting	7,875	7,500	7,500	3,000		4,765
6135 900 WM Engineering	154,350	147,000	147,000	147,000	67,269	189,133
6155 900 WM Aerial Photos	10,500	10,000	10,000	8,997	8,997	8,997
6210 900 WM County Tax Collection Fee						
6234 900 WM Bad Debt Expense						693,364
6235 900 WM Other Expenses						29
Departmental Expenses	389,813	371,250	469,250	337,622	88,594	1,042,033
6401 Material Transfers Out	(132,398)	(126,093)	(122,350)	(122,244)	(61,122)	(125,651)
6402 Material Transfers In	47,460	45,200	45,200	39,352	19,676	38,125
Total after Transfers	304,875	290,357	392,100	254,730	47,148	954,507
Total Departmental Costs	597,216	568,777	662,550	502,596	171,137	420,755
Capitol Requirements						
1145 900 Capital Purchases	10,500	10,000	5,000	6,750	4,000	4,000
Total Budget	607,716	578,777	667,550	509,346	518,677	424,755
Less Water Delivery Charge	\$607,716	\$478,777	\$467,550			

Information Technology Budgeted Items

Dept	Acct No.	Project #	Product	Materials	Purpose
AD	1145		MAS90	3,500	
AD	1145	225	Document Imaging	7,500	Would include upgrades and contractual services from the softw
AD	1147	303	Boardroom	12,000	Additional audio/video upgrades as required
AD	1145		Notebook for Mike Stevens	3,500	
AD	1145		Portable Projector for PIO	4,000	
AD	1145		Replacement Computer	3,500	
AD Total				34,000	
I.T.	1145		Bonded T-1's	17,500	Additional T-1 Line to be bonded w/existing for 3mbps pipe
I.T.	1145		Cisco Smartnet	42,000	Service agreements
I.T.	1145		Expanets	38,000	Service agreements
I.T.	1145	239	Web/FTP	14,500	Implementation and upgrade products and services from various
I.T.	1145	302	Work Flow	35,000	This includes the introduction of MS SharePoint Portal Server & S
I.T.	1145		Symantec	4,000	Service agreements
I.T.	1145		Microsoft	7,500	Service agreements
I.T.	6075		Questys	5,000	Service agreements
I.T.	1145		Legato	6,000	Service agreements
I.T.	1145		Keyhole	7,200	Service agreements
I.T.	6075		Logitech	2,500	Service agreements
I.T.	1145		Veritas	2,500	Service agreements
I.T.	1145		RealQuest - Online Parcel Info	7,300	
I.T.	1145		Map Library	15,000	
I.T.	6075		Map Library Annual Maintenance	4,000	
I.T.	1145		Brightmail	2,500	Service agreements
I.T.	6075		Misc	12,000	Unforeseen software/hardware requirements that may occur as pr
I.T.	6100		Training	20,000	
I.T. Total				225,000	
O&M	1145		Autocad Upgrade from 14	2,500	
O&M	1145		Autocad Standalone	3,000	
O&M	1145		AutoSketch	150	
O&M	1145		Lookout	1,000	
O&M	1145		Delorme	100	
O&M	1145		MapSend	100	
O&M	1145		MISC	1,500	
O&M	1145		Telemetry Laptop	3,500	
O&M	1145		GPS Unit	1,000	
O&M	1145		Digital Camera	1,000	
O&M	1145		Ipaq	1,500	
O&M	6076		Wireless Connectivity	3,700	
O&M	1145		Replacement Computers (2)	7,000	
O&M Total				19,050	
WM	1145		Replacement Computers (4)	14,000	
WM Total				14,000	
WR	1145		ESRI based software licensing	60,000	
WR	1145	295	GIS Rollout	40,000	Would include upgrades and contractual services from the softw
WR	1145		Full Size Scanner (blueprints)	30,000	
WR	1145		Portable Projector	10,000	
WR	1145		MISC	10,000	Unforeseen software/hardware requirements that may occur as pr
WR	1145		Replacement Computers (2)	7,000	
WR Total				157,000	
Totals				449,050	
				Less Capital Items	200,000
				Operational	249,050

Capital & Overhead Projects**Projects by Department**

Administrative Department Project Numbers								
Job	Description	Material	Labor	Burden	Total Job Cost	Grants & Loans	Net Cost	2007 Budget
	C Departmental Capital Costs	88,000			88,000		88,000	
239	C Web / FTP	37,500			37,500		37,500	7,500
269	C Database Intergate Quetyes	7,500			7,500		7,500	7,500
302	C Work Flow Process Impl	35,000	255	417	35,672		35,672	
303	C Board Room Multimedia	12,000	1,765	2,879	16,643		16,643	10,000
320	C Conservation Incentives	50,000			50,000		50,000	75,000
321	C MWA Building Expansion	150,000			150,000		150,000	500,000
329	C Inventory Program	10,000	179	292	10,470		10,470	
851	C RWMP Update	40,000	42,418	69,203	151,621		151,621	
Total Capital Projects		430,000	44,617	72,791	547,407		547,407	600,000
201	P VVCC Strategic Partnership	20,000	1,961	3,199	25,160		25,160	20,000
207	P Adjudication		4,261	6,952	11,213		11,213	
208	P MWA Budget		11,453	18,685	30,138		30,138	
209	P Agency Newsletter		1,081	1,763	2,844		2,844	
210	P Board Meetings		35,960	58,668	94,628		94,628	
211	P Human Resources		21,160	34,522	55,682		55,682	
212	P Computer Support	12,000	27,547	44,942	84,489		84,489	
222	P Federal Legislative Advocacy	42,000			42,000		42,000	42,000
226	P Public Information Support	100,000	16,455	26,845	143,300		143,300	90,000
228	P Employee Education/Training	30,000	553	902	31,455		31,455	30,000
231	P Annual Reports-Admin	30,000			30,000		30,000	
233	P Lewis Ctr Strategic Ptnrshp	20,000	358	583	20,941		20,941	20,000
234	P Education Mini Grants	5,000	284	464	5,748		5,748	5,000
235	P Moj.Enviro.Ed.Coal.Ptnrshp.	2,000	105	172	2,277		2,277	2,000
243	P Facility Tours	5,000	1,494	2,437	8,931		8,931	5,000
344	P Demo Garden @ Headquarters	9,000			9,000		9,000	9,000
346	P MWA Historical Showcase	5,000	799	1,304	7,103		7,103	
250	P Water Rate Study	20,000	15,326	25,004	60,329		60,329	
259	P Annual Water Symposium	5,000	999	1,630	7,629		7,629	5,000
268	P Barstow CC Partnership	26,000	715	1,167	27,882		27,882	26,000
285	P Invasive Species Removal	500,000			500,000	500,000		500,000
290	P MDRCD Partnership	17,000	715	1,167	18,882		18,882	17,000
291	P Copper Mt.Strategis Ptnrshp	10,000			10,000		10,000	10,000
292	P Fortyune v MWA							
304	P Community Sponsorships	10,000	179	292	10,470		10,470	10,000
305	P AWAC	75,000	32,502	53,025	160,527		160,527	100,000
311	P MR: Ecological Exploration		799	1,304	2,103		2,103	
324	P State Legislative Advocacy	72,000			72,000		72,000	72,000
Total Period Cost		1,015,000	174,705	285,025	1,474,730	500,000	974,730	963,000
Total Projects		1,445,000	219,322	357,815	2,022,137	500,000	1,522,137	1,563,000

2006 Mojave Water Agency Budget

Operations and Maintenance Department Job Numbers

Job	Description	Material	Labor	Burden	Total Job Cost	Grants & Loans	Net Cost	2007 Projects
	C Departmental Capital Costs	47,200			47,200		47,200	
294	C HDWD Site 3 Recharge	500,000	71,683	116,947	688,630		688,630	
318	C Antelope Wash Recharge	750,000			750,000			2,250,000
315	C Rock Springs Valve Rplcmnt	250,000	31,321	51,100	332,421		332,421	
319	C Cassia & Helendale PRV upgrades	350,000	19,440	31,716	401,156		401,156	300,000
322	C Lower Oro Grande Pipeline Project	200,000	27,385	44,677	272,062	200,000	72,062	11,000,000
323	C Rock Spring Facility Improvements	50,000	25,091	40,936	116,027		116,027	
345	C Lenwood Recharge Refurbishment	100,000			100,000		100,000	
870	C Mojave River Pipeline	65,000	62,794	102,447	230,241		230,241	
873	C Mojave RP-Reach 4B	4,500,000	272,752	444,985	5,217,737	4,500,000	717,737	
Total Capital Projects		6,812,200	510,467	832,808	8,155,474	4,700,000	2,705,474	13,550,000
840	P Morongo Basin Pipeline	75,000	62,794	102,447	240,241		240,241	50,000
87A	P Mojave River Pipeline-Expense	65,000	94,785	154,638	314,422		314,422	50,000
Total Period Cost		140,000	157,579	257,084	554,663		554,663	100,000
Total Projects		6,952,200	668,046	1,089,892	8,710,138	4,700,000	3,260,138	13,650,000

Water Resources Department

Job	Type	Description	Material	Total Job Cost	Grants & Loans	Net Cost	2007
	C	Departmental Capital Cost	197,000	197,000		197,000	200,000
229	C	Water Quality Modeling-HDPP	250,000	289,073	250,000	39,073	50,000
317	C	TZ well - New & Replace	500,000	582,138	150,000	432,138	55,000
286	C	MWD Exchange Program	5,000	10,253		10,253	
287	C	MWA/MWD Long Term Storage	12,500	35,497	12,500	22,997	
295	C	GIS/Roll out of Enterprise	65,000	189,714		189,714	10,000
296	C	Ames Means Recharge	125,000	176,033	125,000	51,033	225,000
297	C	Alto Subarea Basin Model	30,000	46,034		46,034	150,000
298	C	Oeste Subarea Basin Model	100,000	140,624		140,624	100,000
299	C	Subsurface Flow Study TZ ?	30,000	49,204		49,204	
309	C	Pioneer Town Evaluation	20,000	34,703		34,703	20,000
325	C	South Apple Valley Recharge Basin	250,000	301,884		301,884	3,000,000
326	C	Cedar Street Retention Basin	50,000	101,884		101,884	500,000
327	C	Este Underflow Study	50,000	97,623		97,623	30,000
330	C	Joshua Basin Recharge Project	30,000	45,726		45,726	
331	C	Meter Program	50,000	50,000		50,000	50,000
332	C	Minimal User Program	150,000	165,760		165,760	150,000
334	C	MWD Banking Oeste Investigation	30,000	32,953		32,953	
335	C	South of RS Recharge Project		26,616		26,616	250,000
338	C	Upper Oro Grande Recharge Ponds	200,000	222,061		222,061	
339	C	Water Quality - Surface Monitoring	80,000	111,583		111,583	200,000
341	C	Fish & Game Well Installation	250,000	250,000	50,000	200,000	
342	C	Casement Wells	15,000	15,000		15,000	
343	C	VVCC Reparian Habitat Study	50,000	50,000	50,000		
970	C	Oro Grande Wash Investigation	750,000	853,181	250,000	603,181	
Total Capital Project Costs			3,289,500	4,074,544	887,500	3,187,044	4,990,000
214	P	WR Library	60,000	100,882		100,882	25,000
230	P	USGS Cooperative	175,000	183,110		183,110	175,000
246	P	Engineer's Report-WR	50,000	55,910		55,910	25,000
251	P	Bore Log GIS Intergration	50,000	83,187		83,187	50,000
253	P	Key Well Program	100,000	112,815		112,815	100,000
288	P	SWP Special Projects	50,000	52,955		52,955	
310	P	Data Collections: WR	120,000	347,031		347,031	15,000
312	P	Harper Lake/ Hinkley Investigation	20,000	49,540		49,540	45,000
Total Period Project Costs			625,000	985,430		985,430	435,000
Total Project Costs			3,914,500	5,059,974	887,500	4,172,474	5,425,000

2006 Mojave Water Agency Budget

Fiscal Year 2006 Projects & Descriptions

201 VVCC Strategic Partnership: Goal 4 \$20,000

The Agency has collaborated with the Victor Valley Community College (VVCC) to advance the use of geographic information systems (GIS) for water resources management. The VVCC has recently established a GIS training program and laboratory. The Agency has provided equipment and data for VVCC to use in developing their GIS programs. Agency staff guests for course lectures, and is also receiving training at the college. A student intern program is currently in effect at MWA to provide students with valuable work experience and a labor pool for the Agency. The partnership results in the exchange of significant quantities of data and increased understanding of the water resource management capabilities presented by GIS.

209 Agency Newsletter: Goal 4B

Staff Time required to publish the Agency Newsletter. The Agency publishes a newsletter that provides information on MWA water resources management programs. It also presents articles pertinent to water conservation and education programs. A.) Increase the community's understanding of why long-term management of our water resources is important. B.) Ensure that the public and stakeholders understand the agency's roles and responsibilities, and how they can assist in managing our water resources. C.) Encourage participation by the public, government agencies, and regulatory and environmental organizations in our efforts to manage our water resources.

214 Resource Center: Goal 1A \$60,000

The library will be used to consolidate as much information as possible within the Virtual Library and to make it available through sophisticated cross-referenced files for easy access, use, and distribution. The Water Resources Department initiated an effort to properly scan and archive all MWA technical publications during the last fiscal year. The majority of significant documents housed in MWA's considerable library have been scanned and assembled as PDF documents. In addition to MWA documents, together available technical publications (USGS, doctoral theses, BLM, Department of Oil and Gas, Department of Agriculture, etc.) have been located and incorporated into the electronic library. Funds allocated in the 2004-05 fiscal year will be for the continuation of document location and archival and the cataloging and organization of the hundreds of significant documents already archived.

222 Federal Legislative Advocacy: Goal 1A \$42,000

This is a lobbyist that has been hired by the agency to seek federal legislation on behalf of the agency

226 Public Information Support: Goal 4B \$100,000

All costs and labor incurred in the process of public information work including: working with MDRCD to establish a brochure for wide distribution to nurseries, landscapers, real estate, home builders, etc. showing how household water conservation saves money and can have curb appeal; community sponsored special events; and cooperative participation through public/private partnerships through sponsorship of events that aide in promoting the Agency's message on water conservation.

228 Employee Education/Training: Goal 1C \$30,000

Employee education & training, including labor, on site testing of levels to establish off site levels of training. Off site training will be concentrated at Executrain in Ontario and on site testing will be a combination of programs designed to establish levels of knowledge for particular applications.

229 Water Quality Modeling-HDPP: Goal 3A Grant Funded \$250,000

Lahontan Regional Water Quality Control Board (LRWQCB) requested that MWA develop a water quality (TDS-Total Dissolved Solids) model to determine the effects of importing State Water Project water. MWA will hire a consultant to utilize information from the USGS groundwater flow model and incorporate water quality data into the MWA GIS database to create a model platform for this purpose. This request by LRWQCB is associated with a permit for the High Desert Power Project located near Victorville, CA, and the project proponent has agreed to fund

2006 Mojave Water Agency Budget

\$500,000 and match one-half of any costs for the project beyond \$500,000. (Please see the LWRQCB minutes from March 2002.)

230 USGS Cooperative:

Goal 5B

\$175,000

Advance scientific understanding of the region's water resources to support efficient management of water resources. The United States Geological Survey (USGS) is the lead agency in the Mojave Desert Ecological Program, an effort to gather data to support resource management in the Mojave Desert. The data, including some generated by the MWA through its cooperative programs with the USGS, is being compiled into a GIS. Agency staff has acquired the initial data products from this effort and will include the appropriate data coverage from that data set into our GIS system. Staff will continue to develop the working relationship with the Mojave Desert Ecological Program staff to exchange data pertinent to our mission and goal. Also included is the Agency-wide Ground Water Model. In 2000 the USGS completed a ground water flow model for the Mojave River Basins, the El Mirage Basin, and the Lucerne Valley Basin west of the Helendale Fault. The model should be updated to encompass the remaining portions of the MWA. The MWA collects large quantities of water level, water quality and climate data in the field. The data is currently manually entered into logbooks and then must be manually entered into computer database programs. The data collected is also provided to the USGS for entry into the National Water Inventory System following quality assurance tests. The USGS also manually collects large quantities of field data for MWA cooperative programs. The manual collection of data and subsequent manual entry into a data base increases the potential for error. The two agencies recently entered into a cooperative program to automate field data collection and streamline data quality assurance. Agency staff has developed prototype equipment utilizing handheld personal digital assistants, GPS units, laptop computers and available software programs. These concepts are being further developed by the USGS as a potential new standard for their field data collection and allow rapid integration of collected data into Agency information systems. This program will also make pertinent data available to Agency stakeholders in a timelier manner. Arsenic study would consist of a three year cooperative program proposal from USGS to study elevated arsenic concentration sources and potential remediation for portions of the Alto Sub Area in excess of recently promulgated federal standards. The study may also provide information regarding cost-effective ways that the contaminant source can be managed to acceptable levels of impact, The MWA will support this program to the extend possible through existing cooperative programs with the USGS. Also included is the re-evaluation of subsurface flows between sub areas. The MWA will utilize recently generated information and recommend any adjustments that might be necessary to Watermaster and the Court. The data will also be used to devise methods to monitor future changes in subsurface flows between sub areas. Through a cooperative agreement with the USGS, MWA receives services that include well monitoring, water quality sampling and various other support functions over the course of the year. In most cases, the work is done through a cost sharing arrangement.

231 Annual Reports-Admin:

Goal 1A

\$30,000

Narrative

The MWA publishes an annual report that summarizes the Agency mission, objectives and accomplishments for the prior years. The report also summarizes Agency finances, increase the community's understanding of why long-term management of our water resources is important, ensures that the public and stakeholders understand the Agency's roles and responsibilities, and how they can assist in managing our water resources and encourages participation by the public, government agencies, and regulatory and environmental organizations in our efforts to manage our water resources.

233 Lewis Center Strategic Partnership:

Goal 4C

\$20,000

The Lewis Center for Educational Research in Apple Valley continues to develop a number of curriculums pertinent to natural resource management. Their programs and facility emphasize the application of technology for this purpose. Their facility is located adjacent to the upper Mojave River Narrows, which provides access to a reach of the River with extensive riparian habitat and perennial stream flows. Staff at the Center has expressed interest in developing scientifically valid monitoring programs and data analyses to quantify the impacts human activity may be having on the River system. Agency staff has provided the Center with suggestions for programs that would enhance understanding of the local natural resources. The MWA also facilitates introduction of Center staff to individuals and organizations that may help them with their programs. The Agency maintains an exhibit at the Lewis Center that

2006 Mojave Water Agency Budget

reflects changes that have occurred to vegetation along the River as water supplies have been developed and used for increased human activity. This partnership is expected to continue to further public understanding of the issues pertinent to water resources management through presentation of data developed by the students at the facility. The agency may develop an exhibit at the Lewis Center that emphasizes the importance of our local water resources need to properly manage them. This partnership is expected to continue to further public understanding of the issues pertinent to the river system.

234 Education Mini Grants: Goal 4B \$5,000

These are several educational opportunities pertinent to water resources management issues that could be developed at local schools and colleges provided a minimal amount of initial funding is made available. The Agency will consider selectively funding some of these programs to the extent that they support our mission and goals.

235 Mojave. Enviro. Ed. Coalition: Goal 4C \$2,000

The Mojave Environmental Education Coalition (MEEC) has recently formed to provide a forum for disseminating information about the environment of the Mojave Desert to the public. The Agency will contribute information and resources to the MEEC to the extent that appropriate information can be developed and disseminated to the public in support of the Agency mission.

239 Web/FTP Services-Update & Main: Goal 1A \$37,500

Renovate the Agency website to more modern web apps and xml (where necessary) with downloadable formats consistent with new technology available. Control the website at the agency offices and have the site hosted only by and internet/website company.

243 Facility Tours: Goal 4A \$5,000

Tours are provided to the public and stakeholder community to reinforce understanding of the Agency and its function. Tours are conducted at local Agency facilities, such as pipeline, recharge sites and climate stations, and at State Water Project facilities such as Silverwood Lake and the Edmonston Pumping Plant. These tours provide the participants with a sense of the scope of the programs that involve MWA, and provide understanding of the Agency and the affects of the State Water Project.

246 Engineer's Report-WR: Goal 5B \$50,000

Annual report produced by the MWA that documents weather, permit, surface water, water quality, water delivery data collected by the Agency. This publication is sold and given away. The Agency publishes an Annual Engineer's Report on Water Supply that summarizes water supply and demand information for the preceding Water Year. The report tabulates surface water inflow and outflow, groundwater production and use, imported water deliveries, changes to groundwater in storage, climate data, building activity and population changes and summarizes Agency facilities and programs. The Report provides the Agency Board of Directors, our stakeholders and the public with a summary of the state of the groundwater basins and Agency water resources management programs. Updates would be provided on a quarterly basis

250 Water Rate Study: Goal 1C \$20,000

All costs, including labor and consulting costs, incurred in the process of analyzing and designing a rate application study for all the water rates set by the Agency.

251 Bore Log GIS Integration: Goal 5A \$50,000

Scan all driller's logs and associated well information that the Agency currently maintains in paper form into an electronic format and subsequently integrated into the Agency GIS database. Scan all well logs and put into database. Interpret all construction and geology details. The majority of labor will be covered by intern and students with minimal to moderate supervision regarding the scanning portion of the project. Litho logic interpretation will take more time and should spill over to the following year. Incorporation of all available well information from bore logs and canvass sheets into the MWA GIS database for data archival and resource management decision making. This effort is considered a key element in other projects such as the Minimal User Program and the Key Well Program.

2006 Mojave Water Agency Budget

253 Key Well Program:

Goal 5A

\$100,000

Establish a key well program which ties all existing monitoring points into one program, identifies areas of poor coverage, QAQC existing data; assimilate new wells and data sources. The agency data bases contain a vast amount of water level and water quality data from a number of sources, but it is primarily derived from Agency-monitored wells. The Agency will develop a key well program that consists of a collection of key wells that accurately represent the existing and historical condition of the groundwater basin the Agency manages. Hydrographs will be developed and updated on a regular basis and made available to the Agency Board of Directors and to the public. The Agency will also continue to compile groundwater information and data for as wide a geographic area as possible to increase its value to a number of agencies and the public. Expanded data collection will also facilitate communication and data exchange between the Agency and the other entities. Expansion of the system and development of data exchange protocol will be needed if the data is to be more accessible to stakeholders. Continuation of efforts to develop a comprehensive well monitoring and sampling program which accurately reflects the regional water quantity and quality of specific groundwater basins. This work includes the accumulation and evaluation of new and existing wells. Work associated with the program includes water quality analysis, geophysics, down-hole camera surveys, accurate survey locations, well protection and etc. The Key Well Program will be used on an ongoing basis and will be the fundamental method to measure water quantity and quality for groundwater to measure water quantity and quality for groundwater.

259 Annual Water Symposium:

Goal 4A

\$5,000

The water symposium will be an annual event sponsored by MWA to reach out to elected officials with regional based water related information. The event will also provide a venue to elected officials to communicate with each other.

268 Barstow CC Partnership:

Goal 4C

\$26,000

Barstow College will continue to broaden its demonstration garden to include addition of a shade structure, concrete pathway and additional desert-adaptive plants and irrigation systems. Along the perimeter of the college interactive learning stations, signage and educational displays will be added. In order to involve more of the student population, the College will increase its curriculum by adding a practical science class that includes a component on water conservation, and explore through a needs assessment whether to add a Xeriscaping Certificate Program. Barstow College continues to collaborate with MWA's other Strategic Partners, and once again as a result of the collaboration, the Master Gardener Class will be offered.

270 Annual Report-WM:

Goal 4B

Staff time for preparation of the Annual Watermaster Report to the Court. This includes data collection, data compilation, report generation, writing/revising text, editing, and reproduction. A. Increase the community's understanding of why long-term management of our water resources is important. B. Ensure that the public and stakeholders understand the Agency's roles and responsibilities, and how they can assist in managing our water resources. C. Encourage participation by the public, government agencies, and regulatory and environmental organizations in our efforts to manage our water resources.

271 Computer Programming & GIS-WM: Goal 5

Staff time for ongoing programming and maintenance of the Watermaster database, GIS data integration and development and other programming as needed.

272 Billing and Reconciliation-WM:

Goal 1

Staff time for inputting and tracking account receivables for quarterly and annual billings for Administrative, Biological, Replacement and Makeup Assessments pursuant to the Judgment. Tasks include generating reports and invoices, posting payments and reconciling accounts for ongoing Watermaster programs.

273 Water Transfers-WM:

Goal 5

Staff time for public contact, inputting, tracking, compiling and processing water transfers, including temporary, permanent, replacement and makeup water transfers. Tasks include compliance review, generating reports and reporting transactions to the general public, the producers, and the Court.

2006 Mojave Water Agency Budget

274 Production Verification-WM **Goal 5**

Staff time for compiling data, calculating water production, reviewing aerial photographs, performing field investigations and other related duties. Tasks include calculating and verifying the amount of water produced from approximately 1,500 wells under the Watermaster and reporting verified amounts to the producers, the general public, and the Court.

275 Public Contact & Correspond-WM: **Goal 4**

Staff time attributed to explaining Watermaster functions and processes either to producers or the general public. This may include contact by telephone, in the field, at the agency office, written responses or other.

276 Public Records Requests-WM: **Goal 4**

Staff time attributed to completing public records requests for Watermaster data and other data collected by Watermaster. Tasks include discerning data requests, completing requests and following through. This may also include generating new reports as requested.

277 Quarterly Reporting-WM: **Goal 4**

Staff time attributed to generating quarterly reports and letters, mailing to and receiving reports from producers, inputting quarterly water production data into the Watermaster database, reconciling problems with data, interfacing with accounting regarding quarterly assessment receivables, generating reports and organizing and filing as needed.

278 Data Gathering-WM: **Goal 4**

Staff time for gathering data needed by Watermaster for programs outlined in the Judgment. Tasks include requesting data, collecting data in the field from producers and from other public agencies, analyzing and summarizing the data into reports and Watermaster documents. Some data may be collected summarized in support of ongoing legal issues. Consumptive use analysis and continued implementation of the Judgment: Review and update consumptive use rates for different water use types for MWA and Watermaster programs. Would also solidify understanding of land uses and identification of sewerage and unsewered areas.

279 Meetings and Preparation-WM: **Goal 1**

Staff time attributed to preparing Watermaster meeting agendas. Tasks include preparing monthly reports, creating agenda, writing staff reports, organizing information, preparing data for presentation and attendance to meeting.

280 Legal Issues-WM: **Goal 5**

Staff time attributed to collecting and analyzing data, preparing reports, writing declarations, etc., in support of ongoing legal issues of the Watermaster and Adjudication efforts. This information may be used by department staff, MWA staff, Watermaster and MWA legal counsel and the Watermaster Engineer.

281 Clerical-WM: **Goal 5**

Staff time for typing, sorting, copying, filing, organizing Watermaster reports, files, correspondence and data, etc.

282 Administration-WM: **Goal 5**

Staff time attributed to administration aspects of Watermaster including budgeting, office management, supervising and general organization.

283 SAC Elections-WM: **Goal 1**

Staff time for conducting the Sub area Advisory Committee Election. The election occurs every 3 years. Tasks include conducting nominations, generating and mailing ballots, tallying votes, certifying results and sending notice to the parties

285 Invasive Species Removal: **Goal 6** **Grant Funded** **\$500,000**

Invasive plant species from the Mojave river riparian area.

2006 Mojave Water Agency Budget

- 286 MWD Exchange Demo Program: Goal 2 \$5,000**
Funds have not been budgeted, and the estimate that we may incur costs this year (2003-04) is approximately \$30,000 for consultant and staff time. MWA and MWD will first attempt a pilot program to demonstrate the ability to mutually benefit from exchange of SWP approved Table A amount. If successful we will develop a long-term program. Costs associated with environmental monitoring for the MWD banking pilot project.
- 287 MWA/MWD Long Term Storage: Goal 2 Grant Funded \$12,500**
For Long term storage program with MWD. This is the second phase of the water releases in job cost #286 with the MWA/MWD exchange done in 2003.
- 288 SWP Special Projects: Goal 2 \$50,000**
Consulting services potentially needed to address policy and legal issues associated with the State Water Contract.
- 290 MDRCD Partnership: Goal 4 \$26,000**
"MOU entered into on 9/11/03 with MWA and Mojave Desert Resource Conservation District (MDRCD). The purpose of this MOU is to heighten the public's awareness of ways to conserve water and convert high water use landscaping to low-maintenance trees and shrubs. Other projects or activities to be pursued and not specified in this MOU will be implemented on an ""as funded-as approved"" basis by each agency's Board of Directors. MWA has agreed to provide, but not be limited to the following services: financial assistance for implementation and completion of the project; technical assistance toward development of the projects; coordinate assistance by other Strategic Partnerships with whom MWA has arrangements and who have expertise to assist. Unless specifically itemized as an expense to be paid with funds appropriated by MWA for the strategic partnership with MDRCD, each party shall bear respective expenses incurred in implementation of this MOU."
- 291 Copper Mountain Strategic Partnership: Goal 4 \$10,000**
Copper Mountain College (CMC) experienced several challenges during last fiscal year which prevented achievement of the agreed upon goals. However, both CMC and Mojave Water Agency are firmly committed to follow through on completion of the demonstration garden at the College's new Desert Studies Center. In addition, the College will explore development of curriculum that will provide educational opportunities in the area of natural plant vegetation and conservation programs.
- 294 HDWD Site Three (3) Recharge: Goal 2 \$500,000**
This project was carried forward from last year's budget. In conjunction with Hi-Desert Water District, MWA will provide design and construction services for the construction of 7,400 feet of 24 inch pipe to a new recharge location, Site 3. The project provides estimated 6,000-10,000 acre feet of storage in the Warren Valley Basin. The total cost of the project is estimated at \$2 million, of which MWA is providing \$500,000 in capital cost.
- 295 GIS/Roll-out of enterprise: Goal 1 \$65,000**
Costs associated with reconfiguring the GIS database and implementing the necessary hardware and software to allow MWA personnel access to the Agency GIS database. The enterprise system will allow MWA personnel to input, retrieve and analyze data from the GIS database using simple, yet very sophisticated desktop tools.
- 296 Ames/Means – Recharge: Goal 2 Grant Funded \$125,000**
An investigation of the Ames/Means groundwater basin to test the suitability of a potential artificial recharge location. Work will consist of a review of existing data, basin conceptual model development, geophysical testing, well installation and water usage projections. This work will continue beyond the 2006-07 fiscal year and is partially grant funded through the DWR and will be administered as a collaborative project with the Bighorn Desert View Water Agency.
- 297 Alto Sub-area-Basin Concept Modeling: Goal 5 \$30,000**
Initiate a technical study in the Alto sub-basin to summarize and analyze voluminous amounts of data associated with the subject basin. This effort will be very similar to the recently completed Transition Zone reports. Work will consist of collection, evaluation and analysis of all available data for the Alto Sub-basin. Analysis will consist of the

2006 Mojave Water Agency Budget

identification of production aquifers, review of water budgets, regional water quality, groundwater characteristics over time, water production trends, evaluation of base flow, etc. Work associated with the project will result in a comprehensive evaluation of the basin using all available data, the foundation of a key well program for the Alto sub-basin, explanation of the hydraulic and chemical characteristics for the Alto groundwater basin, and a trend analysis of water production characteristics and associated water market study.

298 Oeste Sub-area-Basin Concept Modeling: Goal 5 **\$100,000**

Complete a technical study in the Oeste sub-basin to summarize and analyze voluminous amounts of data associated with the subject basin. This effort will be very similar to the recently completed Transition Zone reports. Work will consist of collection, evaluation and analysis of all available data for the Oeste Sub-basin. Analysis will consist of the identification of production aquifers, review of water budgets, regional water quality, groundwater characteristics over time, water production trends, evaluation of base flow, etc. Work associated with the project will result in a comprehensive evaluation of the basin using all available data, the foundation of a key well program for the Oeste sub-basin, explanation of the hydraulic and chemical characteristics for the Oeste groundwater basin, and a trend analysis of water production characteristics and associated water market study.

299 Subsurface Flow Study: Goal 5B **\$30,000**

Evaluate the amount of subsurface flow between sub-basins within the Mojave River Basin Adjudication (Judgment). A report to the court regarding a re-evaluation of subsurface flow between sub-areas from the original Adjudication is due to the Court in 2006. Work will consist of a comprehensive review of all historical water level data to determine changes in groundwater flow characteristics between sub-basins over time. This project will result in reports/maps documenting the study findings, which will be submitted to the Court for review.

302 Work Flow Process Implementation: Goal 1C **\$35,000**

Introduce Digital Signatures/Document Process Management. Incorporate several of the recommendations found in the ITSP Update for the removal of identified bottlenecks within the Agency's document management process. This includes "Work Flow Process Implementation & Training", "Software for Task Management & Tracking", and "Hardware for Secure, Electronic Signatures". These elements will increase response times, minimize repetitive tasks and maximize staff time with respect to document development and collaboration.

303 Board Room Multimedia: Goal 1C **\$12,000**

Upgrade board room multimedia to better present minutes, programs and media presentations.

304 Community Sponsorship: Goal 4C **\$10,000**

Narrative

Mojave Water Agency is frequently solicited for funds to support various community events and the Agency sees sponsoring community events as a way to achieve our goals.

305 AWAC: Goal 4C **\$75,000**

The Agency recognizes that it will require a portfolio of actions to relieve the region's overdraft situation. Prominent among the actions is a greater emphasis on water conservation. MWA was instrumental in creating the Alliance for Water Awareness and Conservation (AWAC), a 27-member coalition that is providing information about the need to conserve, and how to do it.

309 Pioneer Town Evaluation: Goal 6B **\$20,000**

Investigate the geology and hydrogeology of the Pioneer Town area. Specific objectives will be to assess ongoing water quality and quantity issues for the area on a regional basis and make recommendations.

2006 Mojave Water Agency Budget

310 Data Collection: Goal 5B \$120,000

Costs associated with water quality sampling, groundwater monitoring, weather station data, and etcetera. Funds will also be for monitoring stations maintenance, special data collection projects, and small directed studies where specific data are needed.

311 Ecological Exploration: Goal 4C \$0.00

An agreement between Victor Valley Community College, Lewis Center for Academic Excellence (AAE) and the Mojave Water Agency, has established shared contributions of time, money and equipment. This project will encompass assets from the Mojave Water Agency, and their strategic partners, Victor Valley Community College and Lewis Center for Academic Excellence (AAE). All participants will contribute to the development of this project in accordance with the previously established Memorandum of Understanding (MOU). Other strategic partners may be included into this program upon review and consent of the principal partners and the Project Manager. The Mojave River Ecological Exploration Project (MREEP) is designed to further natural resources education and conservation awareness in both an academic setting and for the community at large. MREEP will also serve to help establish an educational pipeline for those students who display an interest and an aptitude for Natural Resource Management, Biological Sciences - with an emphasis on Ecology and Resource Management, and Geo-Spatial technologies.

312 Harper Lake/Hinkley Investigation: Goal 5B \$12,000

The Harper Lake Investigation will encompass the underling hydrogeology of this unique dry lake region. The project will create a baseline for the existing water quality and quantity in this area. In order to create a baseline for the water quality and quantity, the Agency will be testing and monitoring well sites in the area and researching existing documentation of the water situation. This area is currently rural desert, but there are plans by developers to create a methane run electric generation plant and a dairy industry business in the Harper Lake area. By investigating the situation prior to construction of these industries, the agency will be able to generate viable water data to help understand and possibly alleviate future water overdraft in that sub-basin.

315 Pressure Reduction Valve-Rock Springs: Goal 2A \$250,000

Replacement pressure reduction valve and meter for the Rock Springs Outlet facility, including associated construction activities and ancillary costs, at a cost not-to-exceed \$310,000.00 Construction activities to replace the Lindsey Pressure Reduction Valve and Meter at the Rock Springs Outlet Facility located off of Deep Creek Rd adjacent to the Mojave River. In 1994, the Rock Springs Outlet became operational. Since that time, the operational ability of the valve to deliver water has progressively deteriorated. In 1996 MWA and Lindsey Sleeve Valve, the manufacturer, retrofitted a new sleeve on the valve and that seemed to work for a while; however, with increased operation and deliveries being made at the outlet, over time the valve has become difficult to operate. The present status is that the valve is leaking and can only be operated on a fixed setting once the valve is opened. It has always been our plan to replace the valve; however, with the small amount of water being delivered after 1994 the need was not pressing. With the scheduled water deliveries planned in the future, we feel that the need now exists to install a new valve. Additionally, with the leakage problem we have a water pond that could create a mosquito area. The flow meter would also be replaced and the 48 inch butterfly valve repaired during the time the installation of the new PRV occurs.

316 Lucerne Valley Water/Sewer System: Goal 2A \$25,000

Lucerne Valley Econ. Dev. Assoc. (LVEDA) filed for a CDBG grant (via Econ and Community Dev.) for a water/sewer engineering-cost study as a prerequisite to a future construction grant/loan. MWA would be the likely entity to administer the cost/engineering study. The purpose of LVEDA's application is to fund an engineering/cost study as a prerequisite to providing necessary information for affected land owners and the community and to seek grants and/or loans to fund the ultimate water/wastewater system construction. LVEDA's application describes a potential partnership with the Mojave Water Agency as a means of facilitating this project.

2006 Mojave Water Agency Budget

317 FEMA Monitoring Well Repair: Goal 2B Grant Funded \$500,000

Of the 19 wells along the Mojave River in the joint funding agreement with USGS that were damaged during the winter storms between 12/27/04 and 1/11/05. An application for disaster assistance was approved 3/18/2005. Installation of approximately 4 - 10 monitoring wells along key areas of the Transition Zone. These wells will be used to monitor water levels in the Transition Zone pursuant to Judgment requirements. The wells will be located in areas of known data gaps based on recommendations from the recent Transition Zone report. Replacement wells will consist of river wells destroyed during the January 2005 storms.

318 The Antelope Wash Recharge Ponds: Goal 2B \$750,000

Project is a High Priority in the IRWMP. The work includes design of a turnout on the Reach 1A of the Morongo Basin Pipeline, construction of a Flow Control facility, and land purchase for the ponds. This project may expand to more ponds depending on the funds available through the Proposition 50 State grant MWA is seeking this year.

319 Cassia and Helendale Upgrades: Goal 2A \$350,000

Upgrade of pressure reduction facilities which include the installation of the second Bailey Poly jet sleeve valves. The addition of the second sleeve valve will bring the flow capacity of the Mojave River Pipeline Project to the design flow rates. In addition, Cassia upgrade would include a cleanout strainer to remove the debris before the PRV valve. The valves and strainer are funded under the EPA and State grants.

320 Conservation Incentives: Goal 6B \$50,000

A relatively broad category of incentives used at the retail market to promote conservation. This could be Cash for Grass incentive of approximately 25 cents per square foot to install desert adaptive landscapes instead of grass in new housing developments. Would also include incentives to developers to use low water use landscaping, in their developments. Any and all programs that promote the use of low water use or no water use landscaping.

321 Expansion of Headquarters Building: Goal 1C \$150,000

The final design and engineering required to complete the investigation into consolidating the administration of the Agency into one location. This will include additional square footage added on to the current building that may include a second floor.

322 Lower Oro Grande Pipeline Project: Goal 2B Grant Funded \$200,000

A High Priority project in the IRWMP and will include design of the south of the aqueduct turnout and land acquisition. The complete project will be part of the Proposition 50 funding application MWA will submit in December 2005.

323 Rock Springs Facilities Improvements: Goal 1C \$50,000

The Rock Springs improvement includes the addition of an equipment garage, completion of the personnel office space inside the existing metal building.

324 State Legislative Advocacy: Goal 1A \$72,000

Mojave Water Agency has utilized the services of Ed Manning of Manning Advocates since October 2003. Mr. Manning has performed admirably while representing the Agency's interests, testifying on the Agency's behalf at several key legislative hearings. He has shown initiative and has aggressively represented the Agency during numerous meetings with State Legislators and State Agencies. Because it would be impractical for MWA staff to frequent Sacramento, Mr. Manning has done a superb job representing our interests and fulfilling the obligations set forth in his contract.

325 South A.V. Recharge Investigation: Goal 2B \$250,000

Preliminary investigation to define areas geologically suitable for recharge in the southern Apple Valley area. The goal of the study will be to define a specific area for further investigation/assessment with the ultimate goal to purchase a suitable recharge area before land prices and development make it prohibitive or impossible.

2006 Mojave Water Agency Budget

- 326 Cedar Street Retention Basin:** **Goal 2B** **\$50,000**
Assessment of an area near Cedar Street in the City of Hesperia for geologically suitability for recharge. A storm water detention basin will be constructed in a wash adjacent to Cedar Street. This basin will similar to the Ranchero Road Improvement Project in the Antelope Wash. This detention basin may be utilized as a dual-use facility (storm water detention and recharge) if geologically suitable for recharge.
- 327 Este Underflow Study:** **Goal 5B** **\$50,000**
Investigations to determine groundwater flow in the Este Sub-basin. This work is anticipated to consist of pump tests, focused geophysical testing and some limited drilling. These efforts will fill data gaps identified in the Este Groundwater Basin Study
- 329 Inventory Program:** **Goal 1C** **\$10,000**
Develop high level use cases so that MWA staff can fully appreciate the alternative methods of implementing a water inventory. MWA staff has decided not to move forward until the water inventory is fully understood. This is to develop a collaborative water inventory application that would benefit Mojave Water Agency. The use case work will show the effectiveness of increasing the access to MAS 90 within other departments. Collaboration will be important for the high level use cases Seebit develops so that a website can be created for this purpose and will allow everyone at MWA to be involved.
- 330 Joshua Basin Recharge Project:** **Goal 2B** **\$30,000**
Study to identify the feasibility of recharging the Joshua Basin. Work may include engineering analysis of existing and needed infrastructure, definition of areas geologically suitable for recharge and limited geotechnical testing.
- 331 Meter Program:** **Goal 5A** **\$50,000**
Provide funding to parties to the Judgment and Minimal Producers who volunteer to install flow meters on their wells. In general the program will reimburse participating parties for the cost of the flow meter, installation and labor up to \$2,500 per well. Participating parties will be required to maintain records and report measured water production to the Watermaster or Mojave Water Agency on an annual or quarterly basis. This project will result in increased accuracy of reported water production by parties to the Judgment and a basis for evaluation of Minimal Producer water usage within the Mojave Water Agency's boundaries. In addition this project will comply with the Agency's agreement with Southern California Edison Company (SCE) to explore alternative means of verifying water production within the Mojave Basin Area, therefore reducing the need for electrical usage data supplied by SCE to the Watermaster.
- 332 Minimal User Program:** **Goal 5B** **\$150,000**
The Board has requested that staff reevaluate and expand upon the assessment and tracking of minimal producers (private well owners who produce less than 10 acre-feet per year) to determine their impact on the Mojave River Basin. The Minimal Producer Program will be a labor intensive project which will be ongoing. An additional technical staff member will be needed to execute work associated with the Minimal Producer Program. Work will consist of location of all minimal producers, estimates of individual water use, tracking of new minimal producers as related to Ordinance 11, and evaluation of Minimal Pool assumptions contained in the Mojave River Basin Adjudication. Ongoing tracking and assessment/re-assessment of minimal producer water usage and potential implementation of Ordinance 11 will mandate additional personnel dedicated to the Minimal Producer Program. In addition to the Minimal Producer Program, technical staff can also assist on well drilling activities and key well program development, both of which are increasingly labor intensive programs.
- 334 MWD Banking Oeste Investigation:** **Goal 2B** **\$30,000**
MWA Banking, MWA in conjunction MWD is investigating the viability of using the Oeste Sub area for potential groundwater recharge of state project water. The study will identify land, water conveyance system, and other requirements to accomplish groundwater recharge in the Oeste area.

2006 Mojave Water Agency Budget

335 South of RS Recharge Project: Goal 2B \$0.00

This project is listed in the IRWMP as Recharge Facilities South of Rock Spring Turnout. A pipeline would be constructed from the Morongo Basin Pipeline to a turnout location as far south (upstream) in the Mojave River channel as possible. The project would provide for a metering and flow control facility. In the IRWMP the project is estimated to have a recharge capacity of 8,000 af per year.

337 Super Well Field Investigation: Goal 2D \$0.00

Investigation and engineering assessment of the viability of a communal well field and water distribution system for the Alto area located adjacent to the Mojave River.

338 Upper Oro Grande Recharge Ponds: Goal 2B \$200,000

Work relate to engineering design and property acquisition of land associated with a permanent recharge facility in the Oro Grande Wash.

339 Water Quality Surface Monitoring: Goal 5B \$80,000

A permanent real-time water quality monitoring station located at the Narrows. This station is intended to be installed and maintained by the USGS in conjunction with the Lower Narrows Gauging Station. This station will provide key water quality data associated with variable flow conditions in the Mojave River.

340 Electronic System File Setup: Goal 1C

This job replace the WIP job number 269 - Agency wide Data Base implementation from the fiscal year 2004/05 as of 7/1/05. Seebits was awarded the contract for the annual update of the Information Technology Strategic Plan. They have provided MWA management with information to carry forward the ITSP into 2004/05. This included a review of current years achievements measured by the ITSP and a careful understanding of the current Mid-Term and Long-Term goals and objectives. It also includes interviews with MWA staff from the first line input technicians to management in order to understand the actual processes in place today. This MWA information will be overlaid with current business trends and supporting technologies to make recommendation for 2005/06 Immediate Plan, updating of the Mid-Term Plan and guidance for the Long-Term Plan. Seebits will make a presentation of these ITSP recommendations to the Technology Committee and MWA management. The management of knowledge to increase the value MWA human resource assets the rough training and technological empowerment is important for the ITSP. The management of knowledge to make MWA information assets accessible will also increase the overall value of the Agency. It is because of the immediate need for information accessibility based on a secure model Seebits will setup SQL server for GSI data in accordance with that secure model. The milestone for this fixed price statement of work is as follows: Develop Model for Accessible Data Diagram of Model and SQL Setup \$ 4,000. Understand Agency Process System Process map \$4000 Build a High Level Data Diagram Normalized Enterprise Data Model \$4,000. Prioritize goals and Objective Setup of Decision Support for MWA \$2,500 Construct ITSP Recommendations Presentation of Recommendation \$4,000. Additional deliverable will be generated as indicated in the project plan. The deliverables listed above are only those associated with milestones chosen to structure the project in sections. Seebits will create a website with all of the presentation material in an easy to follow linked navigation. This gives MWA staff and management the ability to quickly find and reference all of the project results. The documentation for this project will be the property of MWA and will be delivered in native application format and in PDF format for easy viewing of the total body of information created by this project.

341 Fish & Game Well Installation: Goal 2B Grant Funded \$250,000

Assist California Department of Fish and Game with the management and installation of 4 nested monitoring wells. Three (3) wells to be located in the Transition Zone and one (1) well located near Camp Cady. The wells will be funded through the Biological Fund generated from the Mojave River Basin adjudication. These wells once constructed will be incorporated into the MWA Key Well Network.

2006 Mojave Water Agency Budget

342 Easements for wells: Goal 2B \$15,000

Over the years MWA has maintained a series of monitoring wells within our agency. Some of these wells will become vital to the key well program MWA is developing. In order to preserve our Agency's access Right of Way to these and other monitoring wells MWA will begin acquiring permanent easements so that we can maintain our monitoring program in the future. In most cases the easements will be acquired from private parties.

343 VVCC Riparian Habitat Study: Goal 6A Grant Funded \$50,000

This project will be funded from the Biological fund generated from the Mojave River Adjudication. In conjunction with VVCC, MWA will undertake a study of the Riparian Habitat within the Mojave River Drainage basin. The study will focus on the native plant species and their present population, the amount of non-native species invasion, and the area where habitat has either vanished or is in severe decline. The project will have the support of the VVCC Professors, and will involve local students who attend the college.

344 Demonstration Garden: Goal 6A \$9,000

In continuation of the MWA desert demonstration garden, MWA in conjunction with local entities will add and improve the present demonstration garden located in the front of MWA's office in Apple Valley. New varieties plants will be added to the garden this year. Sunshades will be building for the existing bench seating.

345 Lenwood Recharge Refurbishment: Goal 2B \$100,000

Presently, the Lenwood Recharge Ponds only allow for off channel recharge of imported water. The ponds also require maintenance following recharging. The objective of the project would include modifications to the current recharge pond configuration to allow on channel recharge. This may include additional pipe, earthwork and control systems that would tie-in to existing facilities at the Lenwood Recharge site. Having the ability to deliver imported water directly to the existing river channel would increase the amount of water rechargeable at the Lenwood site. In addition to the increase in capacity the requirement for maintenance of the recharge area in the river channel would not be required.

346 MWA Historical Showcase: Goal 4B \$5,000

A display will be created that will showcase the Agencies history by presenting landmark items that set the direction of the Agency and its' mission.

840 Morongo Basin Pipeline Maintenance: Goal 2A \$75,000

This project collects the cost to repair and maintain the Morongo Basin Pipeline. The cost of this work is paid for by the participants that built the pipeline.

851 RWMP Update: Goal 2B \$40,000

This program is an update to the regional water management plan. Funding for this program is from an ISI Grant from the Department of Water Resources for \$100,000 for Phase I, completed and request for funds dated 8/19/2002. Funding for this program is from an AB 303 Grant from the Department of Water Resources for \$250,000. This grant began 6/25/01 and is for Phase II. Regional Water Management Plan, Phase III: Detailed review of specific alternatives as may be determined, development of a final draft Plan document and preparation of an EIR. Phase 3 will require at least 18 months total, and would begin in June or July of 2003. Cost estimated to be \$375,000 and staff resources Phase 3: \$200,000; \$175,000 for 1/2 of the EIR. Strategic Goal#6; Key Element: Joint Landscape Conservation Program: Study of Cost Savings through Irrigation Methods; Evaluation of Costs of Conservation and Imported Water Residential/Agricultural Water Conservation Analysis: It is currently unclear how much water can be conserved within the MWA. A study of the water savings potential from both residential and agricultural sources would aid in future planning and would identify potential partners for implementation of water conservation programs. The cost-benefit of conservation compared with imported water purchase (annual and entitlement purchase) would also be performed. Components of this analysis may be met through the RWMP Phase 3 Program.

2006 Mojave Water Agency Budget

870 Mojave River Pipeline: Goal 2A \$65,000

Start up costs for the pipeline including the demonstration and preliminary engineering work prior to starting the pipeline construction. These reports were used to obtain EPA grants and DWR Loans to pay for the construction of the pipeline. Ongoing costs are included for operations and maintenance on the completed sections of the pipeline. Also, any costs for the MRP that uncollectible on grants regardless of what phase are posted here.

873 Mojave RP-Reach 3: Goal 2A Grant Funded \$4,500,000

This is the final segment of the Mojave River Pipeline, Reach 4B and the Newberry Springs Recharge Facility. Construction is scheduled to begin in July 2005 and be completed before the end of the year. Reach 4B includes 45,000 feet of 20 inch diameter pipe and a recharge pond of 10 acres. The project when completed will have the capacity to deliver up to 9,000 acre feet of SPW to the Baja area.

970 Oro Grande Wash Recharge: Goal 2B Grant Funded \$750,000

A Pilot test to ascertain feasibility of augmenting recharge in the vicinity of the Oro Grande Wash. A study by the USGS was conducted and paid for by the Victor Valley Water District Strategic Goal # 2; Key Element; Oro Grande Wash Turnout and Recharge Facility: Design and construct a permanent turnout, flow control and recharge facility at the Oro Grande Wash.

Debt Service

Debt Service Summary

Ref	Description	Matures	Jul, 2005		Debt Service	Net Change	Jun, 2006 Rsv Balance	Balance Due 2006
			Rsv Balance	Revenue				
840	Improvement District M	09/01/2022	\$ 8,470,791	\$ 2,777,170	\$ 3,823,875	\$(1,046,706)	\$ 7,424,085	\$40,810,000
860	DWR Loan Contract Number E74005	04/01/2014	354,131	350,985	350,985	0	354,131	2,479,928
870	DWR Loan Contract Number E72008	10/01/2018	353,805	350,300	350,300	(0)	353,805	3,602,072
872	U.S. Department of Agriculture	03/01/2004	\$525,000 Loan Matured March 1, 2004 . . .					
880	DWR Loan Contract Number E74007	10/01/2014	108,852	105,964	105,964		107,212	789,836
940	Certificate of Participation	09/01/2022	157	1,333,915	1,333,395	520	677	23,360,000
			\$ 9,287,736	\$ 4,918,334	\$ 5,964,519	\$(1,046,185)	\$ 8,239,910	\$ 71,041,836

The schedule above summarizes the payments for Fiscal Year 2005-06 and the resulting reserve balance. The table lays out the debt service details for each outstanding loan. You will see the loan amount debt service period, remaining debt, number and amount of payments, and assessed values where appropriate.

The last payment for USDA loan 872 was \$525,000, which cost the Agency \$120,430 per year and was completed in 2004. The amount collected for the DWR capital costs will be \$11,563,927 which more than needed to pay the DWR capital charges, thereby leaving \$4,994,737 to contribute to the MWA General Fund.

Please note the amount of tax collected for COP (949) will be \$5,807,017 to pay a debt service payment of \$1,695,881, leaving \$4,111,136 to contribute to the DWR capacity based charges in the MWA General Fund.

ID M 840 Debt Service Summary

The reserves for 2005 had reduced from \$9,903,030 to \$8,470,791. With the tax rate having been reduced from \$0.15 cents per \$100 of assessed value to .10 cents in 2005 and now again in 2006 to .09 cents, the reserves are expected to reduced again to \$7,424,085.

Again, there had been much analysis done on how to address the reserve; subsequently, the Board authorized a reduction in the tax rate from \$0.15 cents per \$100 of assessed value to \$0.10 cents in 2005 with 40% of the debt being paid by the participants. Now, in 2006 it is being suggested that the rate be further reduced to 8 cents and the participation be reduced to 30%.

2006 Mojave Water Agency Budget

The reserves had built to over \$9 million dollars at the end of Fiscal Year 2004, which is more than is needed for two years of payments. The rate was reduced from \$0.15 to \$0.10 for 2004 to reduce the excess collected and to bring the reserves in line with the debt (see above). However, increases in the assessed value of the land and improvements reduced the reduction. Now that we have been given permission to change the amount of debt service paid by the participants it is being proposed that both the tax rate and participation be lowered again.

Improvement District M		
(ID 840)		
of the Mojave Water Agency		
General Obligation Bonds		
Morongo Basin Pipeline Project		
Election of 1990, Refunding Series 1991 & 1992		
Dated: April 1, 1996		
Tax Rate .10 cents per \$100 of Assessed Valuation		
Rate dropped from .15 to .10 in 2004		
Bonds unissued: \$13,257,501	Collection Dates	
Issue Amount: \$51,780,000	March 1	September 1
Matures in: 9/1/2022		
Fiscal Year Ending 2006		
Assessed Valuations and Collection		
Reserve Balance Est 6/30/2005		8,470,791
Principal	1,460,000	
Interest Due	2,363,875	
Total Debt Service	3,823,875	
Amount Collected		
Tax Receipts (40%) [@ .10cents]	1,602,732	
Participants (30%)	1,147,163	
		2,749,895
Interest Income	27,275	
Increase/(decrease) in Reserve Bal.		(1,046,706)
Reserve Balance 6/30/2006		7,424,085

2006 Mojave Water Agency Budget

ID M 840 Payment Schedule

Pmt Dates	Interest Rate	Periodic Totals	Fiscal Principal	Fiscal Interest	Fiscal Totals	Remaining Principal
4/1/1996						51,780,000.00
9/1/1996		1,183,645.83				51,780,000.00
3/1/1997		1,420,375.00	-	2,604,020.83	2,604,020.83	51,780,000.00
9/1/1997	3.75%	2,440,375.00				51,780,000.00
3/1/1998		1,401,250.00	1,020,000	2,821,625.00	3,841,625.00	50,760,000.00
9/1/1998	4.20%	2,461,250.00				50,760,000.00
3/1/1999		1,378,990.00	1,060,000	2,780,240.00	3,840,240.00	49,700,000.00
9/1/1999	4.40%	2,483,990.00				49,700,000.00
3/1/2000		1,354,680.00	1,105,000	2,733,670.00	3,838,670.00	48,595,000.00
9/1/2000	4.60%	2,509,680.00				48,595,000.00
3/1/2001		1,328,115.00	1,155,000	2,682,795.00	3,837,795.00	47,440,000.00
9/1/2001	4.70%	2,528,115.00				47,440,000.00
3/1/2002		1,299,915.00	1,200,000	2,628,030.00	3,828,030.00	46,240,000.00
9/1/2002	4.85%	2,559,915.00				46,240,000.00
3/1/2003		1,269,360.00	1,260,000	2,569,275.00	3,829,275.00	44,980,000.00
9/1/2003	5.00%	2,594,360.00				44,980,000.00
3/1/2004		1,236,235.00	1,325,000	2,505,595.00	3,830,595.00	43,655,000.00
9/1/2004	5.10%	2,621,235.00				43,655,000.00
3/1/2005		1,200,917.50	1,385,000	2,437,152.50	3,822,152.50	42,270,000.00
9/1/2005	5.20%	2,660,917.50				42,270,000.00
3/1/2006		1,162,957.50	1,460,000	2,363,875.00	3,823,875.00	40,810,000.00
9/1/2006	5.30%	2,697,957.50				40,810,000.00
3/1/2007		1,122,280.00	1,535,000	2,285,237.50	3,820,237.50	39,275,000.00
3/1/2021		181,395.00	3,310,000	458,780.00	3,768,780.00	6,255,000.00
9/1/2021	5.75%	3,686,395.00				6,255,000.00
3/1/2022		79,750.00	3,505,000	261,145.00	3,766,145.00	2,750,000.00
9/1/2022	5.80%	2,829,750.00	2,750,000	79,750.00	2,829,750.00	-
Totals		100,618,025.83	51,780,000	48,838,025.83	100,618,025.83	

DWR Loan 860 Debt Service Summary

Citizens Business Bank is the designated fiscal agent between MWA and DWR, which contains a reserve requirement of two semi-annual payments, which totals \$351,000. This money was used to build the Hi-Desert Extension and is repaid using MWA 2 tax.

2006 Mojave Water Agency Budget

Department of Water Resources Fiscal Services Agreement 860: 1213-100-60 Loan Contract Number E74005 Dated: October 1, 1994		
Issue Amount: \$5,250,000	April 1	October 1
Semi-Annual Pa \$ 350,984	\$175,492	\$ 175,492
Matures April 1, 2014		
Fiscal Year Ending 2006 Assessed Valuations and Collection		
Reserve Balance 6/30/2005		354,131
Principal	270,486	
Interest Due	80,499	
Total Debt Service	350,985	
Payment	350,985	
Reserve Balance 6/30/2006		354,131

DWR Loan 860 Payment Schedule

Pmt Dates	Fiscal Principal	Fiscal Interest	Fiscal Totals	Balance
10/01/94				\$5,250,000.00
04/01/95	194,935.69	156,048.87	350,984.56	5,055,064.31
10/01/95				5,055,064.31
04/01/96	200,827.63	150,156.93	350,984.56	4,854,236.68
10/01/96				4,854,236.68
04/01/97	206,897.64	144,086.92	350,984.56	4,647,339.04
10/01/97				4,647,339.04
04/01/98	213,151.12	137,833.44	350,984.56	4,434,187.92
10/01/98				4,434,187.92
04/01/99	219,593.61	131,390.95	350,984.56	4,214,594.31
10/01/99				4,214,594.31
04/01/00	226,230.84	124,753.72	350,984.56	3,988,363.47
10/01/00				3,988,363.47
04/01/01	233,068.66	117,915.90	350,984.56	3,755,294.81
10/01/01				3,755,294.81
04/01/02	240,113.16	110,871.40	350,984.56	3,515,181.65
10/01/02				3,515,181.65
04/01/03	247,370.58	103,613.98	350,984.56	3,267,811.07
10/01/03				3,267,811.07
04/01/04	254,847.35	96,137.21	350,984.56	3,012,963.72
10/01/04				3,012,963.72
04/01/05	262,550.11	88,434.45	350,984.56	2,750,413.61
10/01/05				2,750,413.61
04/01/06	270,485.70	80,498.86	350,984.56	2,479,927.91
10/01/06				2,479,927.91
04/01/07	278,661.12	72,323.44	350,984.56	2,201,266.79
10/01/13				343,242.64
04/01/14	343,242.64	7,741.92	350,984.56	(0.00)
	5,250,000.00	1,769,691.20	7,019,691.20	

2006 Mojave Water Agency Budget

DWR Loan 870 Debt Service Summary

Citizens Business Bank is the designated fiscal agent between MWA and DWR, which contains a reserve requirement of two semi-annual payments, which was \$344,610 and now is \$350,300. This money was used to start the Mojave River Pipeline Project until grant funds were received.

Department of Water Resources Fiscal Services Agreement 870: 1213-100 Loan Contract Number E72008 Dated: April 1, 1999			
Issue Amount:	\$5,250,000	April 1	October 1
Semi-Annual Payments:	\$ 350,300	\$175,150	\$ 175,150
October 1, 2018			
Fiscal Year Ending 2005 Assessed Valuations and Collection			
Reserve Balance 6/30/2005			353,805
Principal	242,329		
Interest Due	<u>107,971</u>		
Total Debt Service		350,300	
Payment		350,300	
Reserve Balance 6/30/2006			353,805

DWR Loan 870 Payment Schedule

Pmt Dates	Fiscal Principal	Fiscal Interest	Fiscal Totals	Balance
				\$5,250,000.00
03/31/99	98,805.40	73,500.00	172,305.40	5,151,194.60
09/30/99				5,151,194.60
04/01/00	201,780.00	142,830.80	344,610.80	4,949,414.60
10/01/00				4,949,414.60
10/01/03				4,309,292.08
04/01/04	228,974.80	121,325.32	350,300.12	4,080,317.28
10/01/04				4,080,317.28
04/01/05	235,916.21	114,383.91	350,300.12	3,844,401.07
10/01/05				3,844,401.07
04/01/06	242,328.83	107,971.29	350,300.12	3,602,072.24
10/01/06				3,602,072.24
04/01/07	249,161.52	101,138.60	350,300.12	3,352,910.72
04/01/17	329,076.73	21,223.39	350,300.12	440,344.86
10/01/17				440,344.86
04/01/18	338,309.61	11,990.51	350,300.12	102,035.25
10/01/18	169,867.23	2,438.17	172,305.40	(67,831.98)
	<u>5,317,831.98</u>	<u>1,659,723.82</u>	6,977,555.80	

2006 Mojave Water Agency Budget

DWR Loan 880 Debt Service Summary

Citizens Business Bank is the designated fiscal agent between MWA and DWR, which contains a reserve requirement of two semi-annual payments at \$106,000. This money was used to build the Hi-Desert Extension and is repaid using MWA 2 taxes.

<p>Department of Water Resources Fiscal Services Agreement 880: 1213-100-80 Loan Contract Number E74007A Dated: April 1, 1995</p>		
Issue Amount:	\$ 1,585,000	April 1 October 1
Semi-Annual Pa	\$ 105,964	\$ 52,982 \$ 52,982
10/01/2014		
<p>Fiscal Year Ending 2005 Assessed Valuations and Collection</p>		
Reserve Balance 6/30/2004		108,852
Principal	78,128	
Interest Due	<u>27,836</u>	
Total Debt Service	105,964	
Payment	105,964	<u>(1,640)</u>
Reserve Balance 6/30/2005		<u>107,212</u>

DWR Loan 880 Payment Schedule

Pmt Dates	Fiscal Principal	Fiscal Interest	Fiscal Totals	Balance
				\$ 1,585,000.00
4/1/1995	29,206.96	23,775.00	52,981.96	1,555,793.04
10/1/1995				1,555,793.04
4/1/2003	73,578.69	32,385.23	105,963.92	1,024,186.78
10/1/2003				1,024,186.78
<hr style="border: 1px solid red;"/>				
4/1/2004	75,802.61	30,161.31	105,963.92	948,384.17
10/1/2004				948,384.17
4/1/2005	78,093.74	27,870.18	105,963.92	870,290.43
10/1/2005				870,290.43
4/1/2006	80,454.12	25,509.80	105,963.92	789,836.31
10/1/2006				789,836.31
4/1/2007	82,885.85	23,078.07	105,963.92	706,950.46
10/1/2013				154,293.88
4/1/2014	102,095.12	3,868.80	105,963.92	52,198.76
<hr style="border: 1px solid red;"/>				
10/1/2014	52,198.76	783.20	52,981.96	(0.00)
	<u>1,585,000.00</u>	<u>534,278.40</u>	<u>2,119,278.40</u>	

2006 Mojave Water Agency Budget

Certificate of Participation 940 Debt Service Summary

The original Bonds were issued for \$26,545,000 on May 14, 1997 to purchase an additional 25,000 acre feet of entitlement in the State Water Project, known as the Berrenda Mesa Capacity. This increased the Agency's capacity to 75,800af from 50,800. This issue was refunded as of November 1, 2004 at \$24,125,000, the aggregate principal amount of the 2004 Refunding Certificates of Participation. The payoff date remains 9/1/2022, with a reduction of interest expense of approximately \$3,422,000.

2004 Refunding Certificate of Participation ID 940 Supplemental Table A Amount Project Installment Purchase Agreement Between Mojave Water Agency and the MWA Public Facilities Corporation Installment Payments to be Made by MWA Amended and Restated November 1, 2004			
Issue Amount:	\$24,125,000	Collection Dates	
		March 1	September 1
09/01/2022			
Fiscal Year Ending 2005 Assessed Valuations and Collection			
Reserve Balance 6/30/2004			
Principal	765,000		
Interest Due	930,881		
Total Debt Service		1,695,881	
Amount Collected			
Tax Receipts	5,807,017		
To General for DWR Chgs	(4,111,136)		
		1,695,881	
Interest Income		147	
Increase/(decrease) in Reserve Balance			147
Reserve Balance 6/30/2005			147

COP Loan 940 Refunding Schedule

DATE	Principal	Interest	PERIOD Total	Calendar Totals	Fiscal Totals	Debt Balance
03/01/05		\$183,236	\$183,236		\$183,236	\$ 24,125,000
09/01/05	\$765,000	\$471,178	1,236,178	\$1,419,414		23,360,000
03/01/06		\$459,703	459,703		\$1,695,881	23,360,000
09/01/06	\$1,020,000	\$459,703	1,479,703	\$1,939,406		22,340,000
03/01/07		\$444,403	444,403		\$1,924,106	22,340,000
<hr style="border: 1px solid red;"/>						
09/01/21	\$1,775,000	\$80,516	1,855,516	\$1,936,031		1,855,000
03/01/22		\$40,578	40,578		\$1,896,094	1,855,000
09/01/22	\$1,855,000	\$40,578	1,895,578	\$1,936,156		-
					\$1,895,578	-
TOTAL:	\$24,125,000	\$10,270,795	34,395,795	\$34,395,795	\$34,395,795	