

March 16, 2016

The Honorable Jim Melton, Chairperson
Doña Ana Mutual Domestic Water Consumers Association
5535 Ledesma Drive
PO Box 866
Doña Ana, NM 88032

Subject: User Charge Analysis Report

Dear Mr. Melton:

Attached is your rate analysis report package. Before I address that, I want to say this to you, the board and everyone else who will read this.

Jennifer Horton, your Executive Director, was great to work with. She was always patient, courteous, helpful and willing to dig for the data I needed. I developed first drafts of the rate analysis models and she helped me tailor them to your needs. I had left consideration of bulk water sales out of the original report and water model so with her help I have since added them to the revised report package. Ms. Horton supplied lots of insight into what is likely to happen in the future so I could hone the models and be as accurate as possible. I appreciate getting help from folks like her. I think the Association's members are well-served having such a fine person looking out for them.

As for the report package, it is a bit long and parts of it are complex. Fortunately, the majority of the analysis models are the same for both utilities except for the actual data for each. Thus, once you have read through and get a fair understanding of the water rate analysis model, you should be able to move through the sewer model pretty quickly and easily. And, whatever seems to be a bit difficult to figure out now, I can describe in person when I meet with you and the board soon.

Finally, I am sure you and the board members know of cities and other associations that also need rate setting help. As you run into these folks, I hope you will tell them about me. I get almost all of my business by referrals from past clients and I hope to be able to trace several future clients back to my work with you.

Best regards,
GettingGreatRates.com



Carl E. Brown
President

Enclosures

Water and Sewer Rate Analysis Report

Dona Ana Mutual Domestic Water Consumers Association Las Cruces, New Mexico

Prepared March 16, 2016

Carl Brown, President
GettingGreatRates.com, LLC

Executive Summary

GettingGreatRates.com analyzed the water and sewer rates of the Dona Ana Mutual Domestic Water Consumers Association, Las Cruces, New Mexico. The water utility has strong reserves, overall, rates need to go up only slightly and be restructured significantly. The sewer utility has adequate reserves, overall, rates need to go up modestly and be restructured modestly. This report lays out how rates should be adjusted to achieve these goals.

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Introduction

In 2015, the Dona Ana Mutual Domestic Water Consumers Association, Las Cruces, New Mexico, later called “the Association” or “you,” hired GettingGreatRates.com, later called “me” or “I” to perform rate analyses. These analyses will serve as guidance for the Association in its efforts to set and maintain adequate and fairly structured user charges and other fees for its water and sewer utilities.

Rate analysis revealed and I am pleased to report that the water rates, overall, are almost high enough to pay the system’s expected costs and build appropriate reserves for 2016. However, there are a few things about the rate structure that I recommend you change. Those are detailed in later subsections of this report.

The sewer rate revenues need to go up slightly more and the rate structure should be revised somewhat, as well. Again, these things will be detailed in later subsections.

The report package is composed of two sections; a narrative report and printouts of the rate analysis models:

1. The narrative report describes what should be done to each utility’s rates and why. The narrative report covers issues in this order: principles, general issues and general action recommendations that apply to both utilities. Next is a water subsection that covers significant specific issues and my rate and policy recommendations for water. Last is a sewer subsection that covers the sewer-related issues. In the interest of brevity, when an issue that applies to the water utility also applies to the sewer utility, I will only mention it in the sewer subsection of the report.
2. The second section of the report package is printouts of the spreadsheet models. These are simply a set of integrated calculations that mathematically depict or “model” the utilities’ situations in order to arrive at the recommended rates for each. The models are named “Dona Ana MDWCA, Water Rates Scenario 2016-3” and “Dona Ana MDWCA, Sewer Rates Scenario 2016-2.” Later in this report these names will be shortened to “Water Scenario 3” and “Sewer Scenario 2,” respectively. Within each subsection of the narrative report the applicable model will often simply be referred to as “the model.” To be clear, there are no “Scenario 1s” or “Scenario 2” for water to report to you. In drafting up models, I create preliminary model versions. I have since progressed beyond those versions, so to keep them straight, I rename later model versions.

As you read this report, please keep this in mind. This report does not *direct* the Association to do anything. Actions you take or do not take are strictly up to you. The report is meant to inform and educate so you can make well-informed decisions about actions to take. And the report and model are not legal recommendations. For legal issues consult your attorney.

Principles

I use several guiding principles when I help systems set their utility rates, fees and policies. As you read the report and the analysis models, keep in mind that my recommendations have been weighed against these principles:

1. Water, sewer and all other utilities are businesses, regardless of who owns them. Businesses must cash flow properly.
2. In addition to functioning in a business-like manner, a utility has a responsibility to its customers to nearly guarantee its long-term prosperity for their benefit. The customers expect the service to be there whenever they want to use it. Thus, a utility must err on the conservative side by maintaining strong reserves that will enable it to weather financial storms.
3. If a service costs the utility money, the utility should recover that cost from the most logical "person" if that makes good business and community administration sense. For example, generally "growth should pay for growth." Developers should fairly pay for their consumption of utility capacity by paying commensurate tap fees. Likewise, service users should pay for their use. Each user or class of users should pay their fair share of service costs.
4. Sometimes contradicting point 3 above, if adjusting a rate, fee or policy will turn currently "good" customers into "bad" customers, consider the necessity of the change carefully before making it. For example, while it may be warranted, raising the minimum charge markedly to your residential customers may make it very difficult for fixed, low-income customers to pay their water bills. That may cause more of them to pay late or not pay at all. That may trigger the utility's processes of having the utility attorney write threatening letters to those customers and eventually require shutoff of service. Thus, in the attempt to generate more net revenue by raising rates, net revenues may actually go down due to non-payment and payment collection costs.

General Issues

Reserves, depicted in several ways, are shown near the bottom of Table 6 of each model. If the recommended rates are adopted, total reserves for both utilities are projected to remain positive for the next 10 years although the sewer reserves will be weak for a few years, starting in a couple of years.

Regarding the analysis methodology, I analyzed the financial condition of each utility, considering operating costs, capital improvement needs over the next 10 years, an estimation of equipment repair and replacement needs over the next 20 years and many other issues. I also classified costs by their nature: fixed, variable and capacity-to-serve related, to determine each utility's cost structure. The classified costs were used to calculate rate structures that would be proportional to the cost structures of each utility.

Said another way, these rates would have customers pay minimum, minimum surcharges and unit charges based upon the costs they cause the Association to incur on their behalf. The result is a set of recommended rates as well as recommendations for future inflationary increases. This report covers all these issues in detail.

Concerning construction of the models, for both utilities the models are essentially the same, only being customized as needed to fit the differences of the different types of utilities. The models were built to match the systems' actual financial statements as much as possible. However, the intent of rate modeling is to see to it that the resulting rates are adequate to pay all system expenses for the next 10 years, build and maintain responsible reserves and collect fees from customers on a fair basis. Because incomes and expenses in your financial statements were not always grouped in such a way as to enable proper rate calculation, the models do not always match your statements.

Several line graph charts in the analysis models graphically depict some things which would be difficult to pick out of the tables. In all the charts the **blue line** represents what would happen under the **recommended** rates and the **red line** under the **current** rates. Trends for the red lines are (generally) bad. Those for the blue lines are (generally) good. Review the definitions section of the model to learn the meaning of terms used in the charts.

As you set and later reset rates I suggest you follow the guidance I give in my book, "How to Get Great Rates." I gave a copy to Jennifer Horton so check with her about reviewing it. I suggest you also use the "Replacement Scheduler[®]" spreadsheet for future equipment replacement scheduling. That is available for free download from my Web site.

Action Recommendations for Policy and General Issues

Use the following as a checklist of "to-do" tasks. Many if not all of these things you are already doing but they bear repeating.

- 1. Determine how long, on average, it takes to perform the various services you provide in the field, such as after-hours service, meter disconnects and reconnects, special meter readings, etc. Be sure to include all the time you actually pay staff for performing these services. Then determine how much it costs the utility per hour, on average, to have staff perform these services. This includes benefits, taxes, use of utility vehicles, tools and minor equipment, etc. It should also include a fair amount to cover the time that office staff devotes to working on these services to track them, bill for them, etc. This should be the hourly rate you will charge for these services. In addition, set a minimum that you will charge for showing up, whether the service takes an hour to perform or 10 minutes. In essence, set your fees in the same way plumbers and similar technicians do – a set fee for showing up, which buys the customer a set amount of time, and an hourly rate if the job takes longer than the show up charge will cover. While accounting for time and other investments in the various functions is important, do not make the process burdensome. For many functions you likely can just estimate your time occasionally and charge fees based upon those estimates.*
- 2. Retain required funds in interest bearing debt service and debt reserve accounts when required by your lender(s).*

3. *Modify your current late payment/non-payment ordinance language so that it effectively accomplishes what is described in the following bullet points:*
 - *If payment is insufficient to cover all amounts billed for water, sewer and any other services received by a customer, plus any other fees assessed by the Association, the payment will first be applied to non-water services in the order specified by the Association and last to water service.*
 - *A late payment penalty of 10 percent of the outstanding balance or \$10.00, whichever is greater, will be assessed to the customer's account each month.*
 - *Water service, and any other service that is in arrears, will be shut off in accordance with, and at the earliest time allowed by State law.*
 - *Reconnection after non-payment will only be done after the customer has paid all fees and penalties owed, plus a reconnection fee that is 50 percent higher than the usual reconnection fee after shutoff to make repairs, transfer property to a new owner, change tenants and similar events not related to non-payment.*
 - *If a customer is disconnected for non-payment a second time in a one-year period, in addition to the above fees and penalties, you should collect an additional deposit from that customer in an amount you deem appropriate. Such deposit should only be expended to pay the customer's outstanding bill, fees and penalties in the case where the outstanding bill, fees and penalties cannot be collected. A customer moving away without paying is such a circumstance this deposit is meant to guard against.*
4. *Have me conduct a full rate analysis again when your actual financial performance and my projections diverge significantly. That may be up to five years from now or whenever a new, large financial upset or change is looming.*
5. *Start adopting management strategies that are included in what is most commonly called, "advanced asset management." These strategies can yield better service and reduced costs for utilities, especially those looking to build new facilities or replace existing facilities soon. Visit gettinggreatrates.com/ for more information on asset management or call me to discuss how the utility can move into asset management.*
6. *Continue to track your volume usage, incomes and expenses on a regular basis so the data and information you generate will support future rate adjustments.*
7. *As a reminder, check with your attorney for language and legality of all charges and issues discussed.*

Water Utility Discussion

Water rate revenues are currently only slightly too low so overall, rates need to go up only slightly. More important, rates should be restructured so they will be fairer.

Quite importantly, you are growing rather rapidly so it is important that you set and maintain adequate rates that include paying for system improvements caused by growth.

System Improvements and Debt Service

You have been doing system improvements and expansion over the years, some that are quite expensive, with more to come. Therefore, debt service, at approximately 20 percent of your total operating costs, is and will remain an important but not overbearing driver of rates and rate structure. Capital improvements and debt are modeled in Table 4, page 36.

Variable Minimum Charge

Currently, the minimum charge is at one level during a month a residential customer uses less than 10,000 gallons and it is higher during a month when they use more. I have never seen such a rate structure before, but I understand at least one of its effects. Such a structure at least partially gets at the idea that when a customer uses more volume, they effectively are obligated more of the built capacity of the system to provide that flow. Quite simply, higher flows require the system to be built larger and more complex so it is fair that those who cause this situation should pay for it.

Fortunately, there is a much fairer and exact way to get at this problem – meter size-based minimum charges. That method is discussed in the following subsection.

Tap-on Fees and Capacity Surcharges

In water utilities, the cost of capacity to serve customers is substantial and it varies from customer to customer. Fortunately, as revealed by studies conducted by the American Water Works Association, sustainable maximum flow capacity of the various water meter sizes is quantifiable.

Peak flow capacity is almost directly related to the costs associated with building system capacity to satisfy peak flows. Thus, it is fairly simple to calculate tap-on and capacity surcharges based upon the peak flow capacity of each meter size. This results in tap-on fees, minimum charges and surcharges that treat customers as fairly as we can mathematically calculate. In these calculations we included bulk water sales through hydrants that are typically metered with a two-inch meter. Thus, bulk water customers will also pay minimum charges based upon the water meter size they draw water from. No method of distributing capacity costs is perfect but this one is mathematically fair, repeatable and not subjective.

Capacity costs can be recovered in three main ways:

1. Capacity costs can be disregarded, resulting in recovering them through regular user fees and a “one-size-fits-all” tap-on fee. This is not particularly fair but in very small utilities that serve mainly small meter customers and few large meter customers, the real effect on customers is minimal. Think of it like this. If every customer uses the same volume as every other customer, it really doesn’t matter if you assess too much or too little on the minimum charge versus the unit charge because everyone’s bill will be the same anyway. Thus, convenience and consistency can make this the better rate structure option for small utilities with few large meter customers. Unfortunately, your water system is fairly large and you have a significant number of large meter customers. And, there is wide variation in the volumes customers use. Therefore, I recommend meter size-based minimum and tap-on fees in your case.
2. Meter size-based tap-on fees – These were modeled to target recovering 25 percent of the system’s capacity costs, as shown in Table 5, page 37 of the model. The resulting tap-on fees are shown in Table 9, page 61. I chose to model recovering this somewhat small percentage of your capacity costs with meter size-based tap-on fees for a couple of important reasons. You do not currently assess these fees in this way so I wanted to move you more gradually to such a structure. And, your costs of making new connections, such as the cost of materials and labor, are almost as high as the fee for the smallest meter size connection. But because your competition for new development prices new taps slightly below this level, I did not want to put you in a competitive disadvantage to attract development. In future years you can and probably should target recovering a higher percentage of your tap-on costs with such fees.
3. Meter size-based capacity surcharges – These charges do the same thing that meter size-based tap-on fees do. The difference is tap-on fees collect revenue up front, at the time of connection to the system. Surcharges collect revenue over time as customers use the system. These fees were also modeled to recover the other 75 percent of the capacity-related part of the system’s depreciation, as shown near the bottom of Table 10, page 62. In the future, if you increase the percentage of tap-on costs recovered by tap-on fees, you should consider reducing capacity surcharges to offset them.

Target Reserve Levels

Most systems serving fewer than 5,000 connections should have reserves at least as high as the sum of the following:

- Unobligated cash and cash equivalent reserves equal to at least 35 percent of the annual operating costs, not including debt service;
- A 20-year repair and replacement (R&R) schedule reserve, in the 20th year equal to at least one average year’s cost of R&R; and

- Capital improvement reserves in the tenth year that are adequate to cover the next year's debt payments, the debt coverage requirement and at least 10 to 20 percent of the capital improvements expected during that 10-year period.

When starting reserves total less than the levels above, I model rates that will enable amassing such a level of total reserves. Fortunately, your current water reserves are higher than that. Therefore, I modeled rates that will enable you to have that same level of total reserves, indexed up to cover inflation, in the tenth year. Lines on the bottom of Table 6, page 38, of the model show your reserve balances expected for the next 10 years.

Change the Rate Structure

There are a few things about the rate structure I recommend you change:

- As mentioned before, I have never seen a minimum charge structure that “jumped up” during any month that a customer’s water usage went over some limit like yours. I recommend you drop this structure and instead have minimum charges based upon water meter size.
- The conservation rates (inclining) unit charges, with eight rate blocks, are much more complex than they should be. I recommend you reduce that to four rate blocks. My normal recommendation is no more than three rate blocks.

In your case, I recommend rates that assess minimum charges based upon meter size and one set of inclining unit charges assessed to all customers, including bulk water users.

With this rate structure there would be no rate structure difference between the rates for a single family home, an apartment, a hotel, a restaurant or any other type of customer, or a high volume or low volume customer. Everyone would pay fees based only upon their meter size and volume of use. Thus, such rates are not based upon who you are but upon how much you use and how you are served (meter size).

Rate Affordability

As shown near the top of Table 6, page 38 and graphically in Chart 4, page 58, the affordability index of your current rates, at 1.12 percent. That is close to the approximate national average of 1.0 percent. After a temporary modest drop, the rates in Water Scenario 3 would raise the affordability index just a few percentage points.

Affordability Index: The monthly charge for (typically) 5,000 gallons of residential service divided by the median monthly household income for the area served by the system. An index of 1.0, meaning a household pays one percent of its income to pay its bill for 5,000 gallons of service, is generally considered affordable. Affordability index is a primary factor in determining grant and loan eligibility and grant amount.

Table 7 of Water Scenario 3, page 39, shows how most customers' bills will be affected by the recommended rates. Due to reducing the number of conservation rate blocks from eight to four and adding a capacity surcharge, high and low-volume customers' bills, and small and large meter customers' bills, will be affected very differently. Some of those customers who will see large bill increases under the new rates will naturally think that they are going to be treated unfairly by the new rates. In fact, under the current rates those customers' bills are being subsidized by other customers right now so the new rates will correct the current rate unfairness, not create new unfairness.

Recommendations for Water Rates

Water Scenario 3 contains all of my rates-related recommendations and shows what they are built upon. However, the model is complex, plus it does not cover policy issues. Therefore, I have summarized my recommendations as follows:

1. *You should assess to customers the meter size-based monthly minimum charges shown in Table 1 that follows this list and unit charges shown in Table 2.*
2. *The calculations assumed you will make these adjustments early enough to enable you to collect at these rates for the April 1, 2016, billing (you would pass a revised ordinance at least one billing cycle before that).*
3. *Assess tap-on fees for new connections as shown in Table 9, page 61.*
4. *If all goes as modeled, on the one-year anniversary of making the rate adjustments called for above, and for several years thereafter, raise all rates and fees across the board by 3.5 percent.*
5. *You should examine your shut off and reconnection, meter charges and similar fees to determine if they are high enough to recover the related costs. Revenue generation is not the goal for such programs. It is a fairness issue because if these fees do not recover their related full costs, regular customers will have to make up the difference in the form of higher user fees.*

Table 1: Dona Ana MDWCA Water Minimum Charges












Table 1: Dona Ana MDWCA, Las Cruces, NM Water Minimum Charges	
Water Meter Size in Inches	Water Minimum/Month
0.625 	\$17.10
0.750 	\$17.10
1.000 	\$24.13
1.500 	\$35.83
2.000 	\$87.34
3.000 	\$216.12
4.000 	\$363.62
6.000 	\$761.64
8.000 	\$1,323.56
10.000 	\$1,979.13
12.000 	\$2,494.22

Table 2: Dona Ana MDWCA Water Unit Charges

Table 2: Dona Ana MDWCA, Las Cruces, NM Water Unit Charges		
Usage Allowance in Gallons	Volume Range in Gallons	Unit Charge/1,000 Gallons in This Range
0	0 - 4,999	\$2.02
0	5,000 - 9,999	\$2.69
0	10,000 - 19,999	\$3.59
0	20,000 +	\$4.79

Closing

You would do well to pursue the rates calculated in Water Scenario 3.

These rates will enable you to build appropriately strong reserves, cover increasing costs, repay debt and do so using a fairer and simpler rate structure than your current structure.

Finally, as you address issues raised in this report and the analyses, you will have questions. Ask them. My goal is to help you set and keep adequate, fair and appropriately simple or complex rates. That takes time and effort and it may stretch out beyond the “conclusion” of the project. I’m in it for the long haul with you. Unless you ask for something that takes substantial or very different work, you will owe me no extra fees for that help.

Sewer Utility Discussion

Your sewer rate structure is like your water rates except that the minimum charge does not change with the volume used and unit charges are level, not inclining. The sewer utility's income needs to go up modestly. The minimum charges need to go up more than the unit charges, therefore, percentage increases in bills will rise most for low volume customers. However, large meter customers will also see their bills rise significantly, as well.

Outside Contractor

Until just recently you had an outside contractor perform most system management functions, paying a fee for that service. You will now, instead, have in-house staff take on management of the system. To a large degree you will switch from paying a contractor to increasing in-house salaries and benefits. If this switch goes as planned, you will probably save some money. Changes related to this switch are highlighted gray in Table 3, page 100.

System Improvements

As compared to your regular operating costs, you are paying very substantial debt service on past system improvements – your debt payments are greater than the total of all other operating costs. In the next five to 10 years you will add to that debt load. Therefore, debt is and will continue to be the primary driver of your sewer rates. There may be no alternative to making these improvements but as they approach, just make sure that each is needed, the alternative selected is the most appropriate for your situation and only initiate improvements at the most opportune time. System improvement issues are covered in Table 3, page 100.

A very significant system expansion is projected to occur in 2019 and 2020 when you will borrow approximately \$1,800,000 to serve 400 new customers. Those customers will pay tap-on fees, partially paying for the project. They will then pay regular user fees, spreading many of your operating costs over more users. Thus, the system will become more economical on a per customer basis. Table 2 on page 99 shows the income effects of these new customers. In the middle part of the table you can see the different in sales revenues between 2019 and 2021. A bit further down the table you can see a large jump in meter-size based tap-on fee revenues in 2020.

Tap-on Fees and Capacity Surcharges

As described in the water subsection, part of your capacity costs should be recovered by capacity surcharges. These should be based upon water meter size. Thus, these fees were calculated using the same methodology for sewer as for water.

Target Reserve Levels

I recommend you target sewer reserves in the same way as described for water. Lines on the bottom of Table 6, page 103, of the model show your reserve balances expected for the next 10 years.

Change the Rate Structure

Your current sewer rate structure assesses the same minimum and unit charges to all customers, regardless of the percentage of system capacity that is obligated to each. I recommend you adopt a sewer minimum charge and surcharge structure that is similar to that which I recommended for water – meter size-based. Unit charges should be the same for each 1,000 gallons used.

Winter-averaged Billing for Residential Customers

For purposes of this analysis, I assumed sewer service would be billed based upon water meter readings each month – the full water volume rather than only the water that gets put back down sewer drains. However, if the number of “Snow Birds” you have is low, I recommend that you switch to a winter-averaged billing structure for residential customers as soon as that is practical. When you make that switch, you will need to base rates on the billable winter average volume of wastewater you expect to receive because that volume will almost certainly be lower than your full-year volume.

The following will show you what to expect if, and when, you decide to adopt winter-averaged billing.

For residential customers only, I recommend assessing sewer unit charges based upon winter-averaged water use. Winter-averaged billing usually results in markedly lower sewer bills for most residential customers as compared to full year water meter readings-based rates because they are not assessed sewer charges on “consumptive use” of water. That is because they are given “credit” for water they do not return to the sewer collection system. (Note: This billing structure should only be applied to residential customers. Another technique appropriate for commercial, industrial and institutional customers will be discussed in the next subsection.)

One of the nice things about winter-averaged billing is that, since all residential customers’ bills are fixed for a long period of time, your revenue stream will be very dependable. Sewer revenues will not go up or down (much) due to fluctuations in water sales during the year.

The winter-averaged bill process takes a little work to set up, but it will make your billing simple in the future. You will bill all residential customers on an actual sewer use basis as much as it is possible, while still keeping the billing system simple.

Most winter-averaged bills are calculated using three winter months, usually December, January and February, following this procedure:

- For each residential customer, total up their water use for the previous three winter months. If volume for any of these months is zero or unusually low or otherwise an unusual amount, use different months in the previous winter season or just drop the non-use and low use month(s), instead. If that customer’s winter-time use is simply not usable or they have no winter-time use, bill that customer the average bill amount for all residential customers served by the size water meter they have.

- Divide each volume sum by the applicable number of months. This is the winter-averaged monthly use for each customer. Because each residential customer's bill will be based upon their average volume use, their resulting bill will be fixed and it will be unique to them.
- To calculate each customer's sewer bill, from their average volume use deduct the usage allowance, which I have recommended to be zero gallons. Then multiply by the required unit charge rate. Add the required minimum charge for that customer's water meter size. The result will be the bill amount to assess to that customer every month until you repeat this calculation in the future. Do the same for each residential customer. (These checks and calculations can be done en masse with a spreadsheet. If you have a new, full-featured billing program, it will even do the calculations and enter the new bill amounts for you.)
 - I suggest you repeat the process every year so you will have new usage data for bill calculations each time. You should do these recalculations at the same time that you adopt inflationary rate increases so customers will only experience one bill adjustment/increase each year.
- Enter the bill amount for each residential customer into your billing program and you are done. Until you enter new bill amounts again for residential customers your billing program will send each customer their own unique bill amount for sewer use based upon their winter-averaged water usage.

When a new home is built or a home changes owners there will be no previous winter-averaged water use for the new owners from which to calculate a winter-averaged sewer bill. In such a case, or similar cases, I recommend two alternatives. If the new owner of one home was already a customer of the system in another home, you can apply the sewer rate from that home to their new home. Or, you can temporarily charge a brand new customer the average residential sewer bill amount for their meter size. Once the property has been through a winter season with the new owners, its winter-averaged bill can be calculated.

Unmetered homes are a slightly different matter. The average single family residential home is usually served water by a five-eighths inch or three-quarter inch meter. Unmetered single family residential homes should be assessed bills based upon the average use of these meter size classes. You should not assess bills to unmetered customers at less than the average bill rate for metered customers for at least two reasons:

- Unmetered customers tend to use more water and run more water down the sewer drain than they would if they were paying water and sewer bills based upon metered use, and
- If a customer prefers, you can give them the option of installing a water meter approved by the Association so they can become a metered sewer customer. That option is discussed in the next subsection.

Consumptive Use of Water Exempted From Sewer Billing

Some commercial or similar customers may use large volumes of water that do not get returned to the sewer system. This is called, “consumptive use.”

You should offer commercial and similar customers the opportunity to avoid paying sewer fees on water that they do not put into the sewer system. That can be done by allowing them to segment their internal water piping systems into two parts, as approved by the Association, and then assessing sewer bills that do not include water volume that is consumed (not returned to the sewer system). One part of the piping system would serve consumptive use facilities. The other part would serve the company’s or other customer’s restroom and similar facilities that are plumbed for sewer service. Such customers could then install a second water meter, as approved by the Association, from which consumptive water use could be determined. This meter is often called the “deduct” meter.

When billing these customers, the Association would assess water rates based upon the readings from the meter that meters all water use and sewer rates only on the net volume that serves the restrooms and similar facilities that are plumbed into the sewer system. One minimum for water service and one minimum for sewer service should be assessed to the bill.

Obviously, configuring piping systems in this way can more conveniently and cheaply be done as a new facility is being designed. For that reason, I suggest that, when you are considering construction or connection permits, in your application process, make applicants aware of this billing procedure. That will enable them to take advantage of it if it will help them control their costs better. In so doing, the Association and developers of properties would be working together to try to optimize how their properties and the sewer system work as an integrated system.

Minimum Charge Rate Structure

I recommend minimum charges in the same structure as those for water, based upon water meter size to recover part of the unavoidable fixed and capacity costs of the sewer utility.

Unit Charge Rate Structure

I recommend level unit charges.

Rate Affordability

As shown near the top of Table 6, page 103, and graphically in Chart 4, page 111, the affordability index of your current rates, at 1.36 percent, is noticeably higher than the approximate national average of 1.0 percent. The rates I think you should adopt from Sewer Scenario 2 would raise the affordability index 1.52 percent after the initial rate adjustment and a bit more in future years. This, of course, is bad news but it may be unavoidable for the following reasons.

You may or may not support more stringent wastewater treatment standards from the Environmental Protection Agency and the State's regulatory agencies. Regardless of your feelings about the issue, such requirements are forcing utilities to make substantial investments to upgrade infrastructure. These upgrades are mandatory, not optional, and they require new generation treatment technology. It is expensive. No doubt, you have already had to complete projects to enable you to comply with environmental and public health requirements. That has increased your debt service dramatically. Debt pushes rates higher. Other utilities that have not yet had to comply with such regulatory requirements, mainly because they are at a different place in their permitting cycle, will eventually go down a similar path. Thus, while you may lament that your rates are becoming less affordable than those of some neighboring utilities, most of those utilities will end up following you down that same path. Their rates will also have to rise.

Table 7 of Sewer Scenario 2, page 103, shows how most customers' bills will be affected by the recommended rates. On a percentage basis, bills for low volume customers would go up the most. On a dollar basis, high-volume customers' bills would go up the most. When considering rate increases, it is usually more instructive to look at the dollar change and not the percentage change.

Recommendations for Sewer Rates

Sewer Scenario 2 contains all of my rates-related recommendations and shows what they are built upon. I have summarized my recommendations as follows:

1. *You should assess to customers the meter size-based monthly minimum charges and unit charges shown in Table 3 that follows this list.*
2. *The calculations assumed you will make these adjustments early enough to enable you to collect at these rates for the April 1, 2016, billing (you would pass a revised ordinance at least one billing cycle before that).*
3. *Assess tap-on fees for new connections as shown in Table 9, page 114.*
4. *If all goes as modeled, on the one-year anniversary of making the rate adjustments called for above, and for several years thereafter, raise all rates and fees across the board by 3.0 percent.*
5. *You should examine your shut off and reconnection, meter charges and similar fees to determine if they are high enough to recover the related costs. Revenue generation is not the goal for such programs. It is a fairness issue because if these fees do not recover their related full costs, regular customers will have to make up the difference in the form of higher user fees.*

Table 3: Dona Ana MDWCA, Las Cruces, NM Sewer Minimum and Unit Charges

Table 3: Dona Ana MDWCA, Las Cruces, NM Sewer Minimum and Unit Charges			
Water Meter Size in Inches	Sewer Minimum/Month	Sewer Unit Charge/1,000	Gallons
0.625	\$15.47		\$3.32
0.750	\$15.47		\$3.32
1.000	\$16.05		\$3.32
1.500	\$17.03		\$3.32
2.000	\$21.33		\$3.32
3.000	\$32.07		\$3.32
4.000	\$44.37		\$3.32
6.000	\$77.57		\$3.32
8.000	\$124.44		\$3.32
10.000	\$179.13		\$3.32
12.000	\$222.09		\$3.32

Closing

You would do well to pursue the rates calculated in Sewer Scenario 2.

These rates will enable you to establish appropriately strong reserves, cover increasing costs, repay debt and do so using fairly structured rates.

Dona Ana MDWCA, Las Cruces, NM

Water Rates Scenario 2016-3

Modeling Results

This document contains the calculations that were performed to arrive at new user rates and fees for the next 10 years. These calculations are complex so key issues are also described in a narrative report that accompanies this model.

This analysis was conducted so as to establish user rates that are adequate to pay all reasonably expectable costs while charging rates that are fairly structured and appropriately simple or complex.

Scenario Description: This analysis model assumes minimum charges that capture basic fixed costs plus a surcharge based upon meter size to capture part of the cost of building system capacity. Unit charges will be in a simpler inclining (conservation rates) structure and capture variable costs. Hydrant bulk water users will pay the same rates as all other users. After initially setting rates as shown in the table in the narrative report, inflationary rate increases will be done annually.

For most, the best way to read and understand what this model means is this. Scan the "Index or Tables, Charts and Other Results" to see how the model is laid out. Scan the "Definitions" for any terms you are not already familiar with. Read and even ponder Table 1 and the line graph charts. These will show you how the proposed rate adjustments will affect ratepayers and the system. If you need more detail than that, review the entire model. Finally, rate setting involves much more than just rates so you need to read the accompanying narrative report to understand what you need to do and why.

Several tables in this model depict volume usage and user rates for the various customer classes. The model includes a continuum of volumes but many volume categories had no users. Most of these lines have been hidden simply to make the tables less voluminous. However, all volume classes that had use or that are break points for rate blocks are shown. For volume classes that are not shown, rates will be the same as the previous rate that is shown.

March 16, 2016

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Dona Ana MDWC, NM Water Rates Scenario 2016-3

Index of Tables, Charts and Other Results

Note: When a numbered table or chart is missing from the list below and this model package, that was not a mistake. It simply means that table or chart from our master program was not needed in this situation.

Name	What Each is or Does
Definitions	The meaning of terms used in this report and in rate setting generally
Return on Investment	A summary of financial outcomes produced by the proposed rates
Table 1 - Recommended Rates	User rates calculated and recommended in this model for each user class
Table 2 - User Base and Operating Incomes	Basic user statistics and operating revenues, projected for next 10 years, based upon adopting modeled rates and future inflationary increases
Table 3 - Operating Costs and Net Income	Operating costs projected for next 10 years, excluding debt service
Table 4 - Capital Improvement Program	Capital improvements and how they will be paid over next 10 years, including debt service
Table 5 - Capacity Cost Recovery	Capacity costs incurred on behalf of new connections, if applicable
Table 6 - Indicators and Balances	Balances and financial health indicators as a result of adopting the modeled rates
Table 7 - Bill Comparisons Before and After Rate Adjustments	Illustrates effects of modeled rates on bill increases or decreases for use at various levels
Table 8 - User Statistics	Table depicts usage and revenue statistics brought on by the modeled rates
Chart 1 - Operating Ratio	Graph of operating ratio for next 10 years if modeled rates are adopted
Chart 2 - Coverage Ratio	Graph of coverage ratio for next 10 years if modeled rates are adopted
Chart 3 - 5,000 Gallon Residential User's Bill	Graph of bill for a 5,000 gallon per month residential user, with smallest available meter size, for next 10 years at modeled rates (used in grant and loan eligibility determinations)
Chart 4 - Affordability Index	Graph of affordability index of residential user's bill for next 10 years at modeled rates (used in grant and loan eligibility determinations)
Chart 5 - Working Capital vs Goal	Graph of total (unobligated) cash assets for next 10 years at modeled rates compared to the goal for total cash assets
Chart 6 - Value of Cash Assets Before Inflation	Graph of total (unobligated) cash assets NOT adjusted for inflation for next 10 years at modeled rates
Chart 7 - Value of Cash Assets After Inflation	Graph of total (unobligated) cash assets adjusted for inflation for next 10 years at modeled rates
Table 9 - Meter-size Based Tap Fees	Calculation of tap fees based upon meter or connection size, if applicable
Table 10 - Capacity Charges Based on Meter Size	Calculation of surcharges to apply to minimum charges, based upon meter or connection size, that will recoup part or all of the costs incurred to provide high-flow capacity, if applicable
Table 11 - Initial Rate Adjustments and Resulting Revenues	Recitation of current rates, and calculation of modeled rates and blended revenues they will produce during the year following the test year (usually this year in real time)
Table 12 - Test Year Usage	Compilation of actual volume of service used by customers during the test year
Table 13 - Rates at End of Test Year	The user rate table in effect at the end of the test year
Table 14 - Cost Classification for Rate Structure Calculation	Sumation of a specified year's costs and calculation of "cost of service" basis for recovery of fixed costs and variable costs.
Table 15 - Marginal Costs	Incremental (marginal) costs that would be incurred if the system produced incrementally more volume of service, the system brought on a new customer or did something similar, if applicable
Table 16 - Equipment Replacement Details Table	Detailed schedule of equipment replacements for next 20 years, if applicable
Table 17 - Replacement Schedule	Calculation of the annual annuity (yearly savings amount) needed to pay for all equipment replacements as they come due and end with a desired balance

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Definitions

Affordability Index	The monthly charge for (typically) 5,000 gallons of residential service divided by the median monthly household income for the area served by the system. An index of 1.0, meaning a household pays one percent of its income to pay its bill for 5,000 gallons of service, is generally considered affordable. Affordability index is a primary factor in determining grant and loan eligibility and grant amount.
Capacity Charge, also commonly called an Impact Fee or Availability Charge	A charge that buys a new customer system capacity. This is a charge levied on a new customer that recovers all or part of the capital costs to build capacity to be able to serve that customer's actual or potential demand. This charge may be a few thousand dollars for a residential customer to many thousands of dollars for a large industrial customer.
Capital Improvement Plan or Program (CIP)	A schedule of anticipated capital improvements. These are the more expensive items such as water towers, treatment plants and lines that generally require bond or grant funding. They do not include equipment replacement items.
Capital Improvement Reserves	Cash reserves dedicated to funding the CIP
Comprehensive Rate Analysis	A thorough examination of a system's operating, capital improvement, equipment replacement and all other costs, revenues, current rates, number of users and their use of the system, growth rates and all other issues surrounding the system. This examination will determine how rates and fees should be set in the future to cash-flow the system properly, to build appropriate reserves and to be fair the ratepayers. It also will determine how policies should be adjusted to enable the system to operate well now, operate well in the medium-range future (about 10 years) and prepare for expected and expectable events such as capital improvements and equipment replacement.
Connection Charge	A charge that buys a new customer connection to the system. This charge is levied on a new customer to recover all or part of the costs a system incurs in the course of connecting the new customer to the system. This may include labor costs for staff or others on-site; equipment sold by the system to the new customer for making the connection; equipment, tools and supplies used by system staff for making the connection; and the like. This charge may be a few hundred dollars for a residential customer to thousands of dollars for a large industrial customer.
Conservation (Inclining) Rates	Unit charges that go up as the volume used goes up
Cost to Produce	There are several ways to define cost to produce. Each is acceptable for different purposes. Generally, cost to produce is the total of all variable costs required to get service to a utility's customers during one year divided by the total units of service delivered during that year. In a proportional to use rate structure, this will be the variable cost. See "Cost Calculations" at the bottom of Chart 19.
Cost to Serve Rates	Rates where fixed and variable costs generated by each user class are paid by that class with minimum and unit charges, respectively.
Cost Types; Fixed and Variable	The two main types of costs are fixed - those that are related to the fact that someone is a customer; and variable - those that are related to the volume of the commodity delivered to customers. Generally, fixed costs should be recovered with minimum charges and variable costs with unit charges.
Coverage Ratio (CR)	Incomes available to pay debt divided by the amount of the debt for that year. Most systems should have a CR of 1.25 or higher. Note: the CR in this model also includes reserves available to pay debt in the CR calculation, which is a more realistic approach to debt coverage.
Current Position	For a year, the sum of all incomes and undedicated reserves minus all current financial obligations for that year. Future obligations (next year's loan payments) and depreciation are not included. Current position is a good measure of overall financial health.
Declining Rates	Rates where unit charges go down as the volume used goes up
Flat Rates	Rates where all users pay exactly the same fee regardless of the volume of service they use
Equivalent Dwelling Unit (EDU) or Equivalent Residential Unit (ERU)	Based upon number of water using fixtures, average flow, potential flow or similar criteria; the consumption rate of the average single family home is rated at one EDU. All other types of customers are then compared on this measuring basis and the EDUs are calculated. Generally the purpose of this exercise is to calculate fees that each EDU must pay.
Incremental Rate Adjustments	Rate increases done, generally annually, following the initial rate adjustment. The goal of these rate increases is to keep the system's income and reserve levels on track. Rate structure fairness is a small issue, if it is an issue at all. Such increases are usually small, in the two to five percent per year range.
Initial Rate Adjustments	Rate adjustments done in follow up on the comprehensive rate analysis. Generally, the goal of such adjustments is to establish rates that put the system's income and reserve levels on track with the system's financial needs and do it with a structure that is fair to the ratepayers.

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Definitions

Inflow & Infiltration (I&I)	In a sewer system, water that gets into the collection system by way of illicit connections (inflow) such as gutter downspouts and leaks in manholes and sewer lines (infiltration)
Infrastructure	Hard assets, such as water towers, treatment plants and lines needed to provide service to customers connected to the system
Life-cycle Cost	The total cost to design, build, operate, maintain and eventually dispose of an asset. One asset may cost less to build but be more expensive to operate and maintain, yielding a higher life-cycle cost.
Marginal Costs	The part of fixed and/or variable costs that are unavoidable should use go up marginally, should an additional large-volume customer be added at a discounted but still profitable fee or for other reasons. Generally marginal costs are less than the average fixed and variable costs but when extra use requires a system upsizing, they can be greater. These costs are especially useful when considering selling service at wholesale.
Operating Costs	Definitions and calculations vary. For rate setting purposes operating costs are costs incurred because a system is operated. Such costs are generally recovered through unit charges.
Operating Revenues	Revenues generated by user fees
Operating Ratio (OR)	Current incomes divided by current expenses, not including debt. An OR of 1.0 is "break even." Most systems should have an OR of 1.25 or higher. Note: the OR calculation in this model also included undedicated reserves, which is a more realistic approach to covering operating costs. However, most lenders, for example, disallow reserves from being considered in the operating ratio calculation.
Payback Period	Time required for the investment made to get this analysis to return that investment through increased user and other fees
Potential Demand	The volume of service that a user could demand for a short period of time at full volume use. The potential demand limiting factor is usually the size of the customer's meter or service line.
Proportional to Use Rates	Rates where the minimum charge recovers all fixed costs, the unit charge recovers all variable costs, the unit charge is the same for all volume sold, and there is no usage allowance in the minimum charge.
Replacement Schedule	A timetable that describes equipment replacement and important repairs that are too infrequent and/or too expensive to cover as annual operating costs but not so expensive that they need to be covered as capital improvements.
Replacement Reserves	Cash reserves used to fund the Replacement Schedule
Return on Investment	The dollar amount or percentage of revenue gain enabled by this analysis
Tap Fee, also called a Hook up Fee or Connection Fee	A charge that gives a new customer the <u>right</u> to connect to the system. This fee may include the costs of administering the connection program, such as staff time to 'sign up' new customers, get them into the system's billing program, do an inspection of the service connection to assure that it meets the system's standards and the like. This charge is usually minimal for a residential customer and maybe a few thousand dollars for a large industrial customer. Capacity and connection fees are commonly added to tap fees and the total fee is just called a 'tap' fee.
Test Year	The one year period from which data was gathered to be the basis of the rate analysis
Usage Allowance	The volume, if any, that is "given away" with the minimum charge. Most systems give away no volume. Those that give away an unlimited volume have what are called "flat rates."
User Fee, User Charge, User Rates	Fees assessed to customers for use of the system. Does not include tap, capacity or connection fees, late payment penalties or other types of charges.
Water Loss	Measured by volume or percent, the part of a water system's net water production that does not get to customers. This loss also includes billable volume lost due to under-registering customer meters.
Working Capital, Net Income	The amount left in the operating fund after paying all costs due during that month, year or other time period. Working capital of \$0 is "break even."
Working Capital Goal	The desired percentage in excess of "break even" for the operating fund. Small systems (a few hundred connections) generally should target 35 percent or greater. Larger systems can target less, down to a minimum of about 20 percent for systems with 5,000 or more connections but the goal for each system should be based upon the needs of that system.

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Return on Investment

The rates depicted in this model will produce various returns on investment or paybacks. Usually the most important payback, at least to ratepayers, is a rate structure that is demonstrably fair. For the system, revenues (usually increased) that will be adequate to pay all expected, expectable and many unexpected costs is the key return.

The following calculations show what was invested and what the returns will be over two periods; five years and 10 years. Five years is a reasonable period for return projections. Ten years is a good basic planning horizon but you should not bank on amounts or returns projected that far out. Besides, most systems should have their analyses redone long before then.

Consider these key points about returns on investment. Because the recommended, overall higher rates will fund more improvements, better repair and replacement and such, much of the increase in revenues will be absorbed by those expenses. Thus, few systems end up with a dramatic increase in their reserves because most of the additional revenues get used up making needed improvements. Fairer and higher rates generally enable systems to qualify for grant and loan funding, too, increasing those funds but also using up those funds.

Also note that rates in this model have been modeled to be adjusted during the year following the test year or even later. That year is included in the first five-year return on investment calculation. Thus, the first year of returns calculated below include most or all of one year where rates will not have been changed yet, lowering the calculated return on investment but not the real rate of return.

Calculations

\$7,452 Fees to GettingGreatRates.com
\$500 Estimated value of system staff time and incidentals to assemble needed information
\$7,952 Total Investment for This Analysis

\$2,819,951 Five-year Improvement in Cash Position Due at Least Partly to This Analysis
35463% Five-year Return on Investment (increase in revenues / investment)

\$10,551,872 Ten-year Improvement in Cash Position Due at Least Partly to This Analysis
132698% Ten-year Return on Investment (increase in revenues / investment)

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Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 1 - Recommended Rates

Dona Ana MDWCA, Las Cruces, NM, Water Rates Scenario 2016-3

Table 1 - Recommended Rates

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Adopt the minimum and unit charges shown in this table. The minimum charges come from the yellow highlighted column of Table 10 of the model. Use that table to set minimum charges for meter sizes not shown in this table.

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Minimum Charge per Billing Cycle	Usage Allowance in 1,000 Gallons	Unit Charge per 1,000 Gallons
0.625" Residential <10,000 Gallons	0	999	\$17.10	0.000	\$2.02
	1,000	1,999	\$17.10	0.000	\$2.02
	2,000	2,999	\$17.10	0.000	\$2.02
	3,000	3,999	\$17.10	0.000	\$2.02
	4,000	4,999	\$17.10	0.000	\$2.02
	5,000	5,999	\$17.10	0.000	\$2.69
	6,000	6,999	\$17.10	0.000	\$2.69
	7,000	7,999	\$17.10	0.000	\$2.69
	8,000	8,999	\$17.10	0.000	\$2.69
	9,000	9,999	\$17.10	0.000	\$2.69
	10,000	14,999	\$17.10	0.000	\$3.59
	15,000	19,999	\$17.10	0.000	\$3.59
	20,000	29,999	\$17.10	0.000	\$4.79
	30,000	39,999	\$17.10	0.000	\$4.79
	40,000	49,999	\$17.10	0.000	\$4.79
	50,000	59,999	\$17.10	0.000	\$4.79
	60,000	69,999	\$17.10	0.000	\$4.79
	70,000	79,999	\$17.10	0.000	\$4.79
80,000	89,999	\$17.10	0.000	\$4.79	
90,000	99,999	\$17.10	0.000	\$4.79	
100,000	109,999	\$17.10	0.000	\$4.79	
110,000	119,999	\$17.10	0.000	\$4.79	
120,000	129,999	\$17.10	0.000	\$4.79	
130,000	139,999	\$17.10	0.000	\$4.79	
140,000	149,999	\$17.10	0.000	\$4.79	
150,000	159,999	\$17.10	0.000	\$4.79	
160,000	99,999,999	\$17.10	0.000	\$4.79	
0.750" Residential <10,000 Gallons	0	999	\$17.10	0.000	\$2.02
	1,000	1,999	\$17.10	0.000	\$2.02
	2,000	2,999	\$17.10	0.000	\$2.02
	3,000	3,999	\$17.10	0.000	\$2.02
	4,000	4,999	\$17.10	0.000	\$2.02
	5,000	5,999	\$17.10	0.000	\$2.69
	6,000	6,999	\$17.10	0.000	\$2.69
	7,000	7,999	\$17.10	0.000	\$2.69
	8,000	8,999	\$17.10	0.000	\$2.69
	9,000	9,999	\$17.10	0.000	\$2.69
	10,000	14,999	\$17.10	0.000	\$3.59
	15,000	19,999	\$17.10	0.000	\$3.59
	20,000	29,999	\$17.10	0.000	\$4.79
	30,000	39,999	\$17.10	0.000	\$4.79
	40,000	49,999	\$17.10	0.000	\$4.79
	50,000	59,999	\$17.10	0.000	\$4.79
	60,000	69,999	\$17.10	0.000	\$4.79
	70,000	79,999	\$17.10	0.000	\$4.79
80,000	89,999	\$17.10	0.000	\$4.79	
90,000	99,999	\$17.10	0.000	\$4.79	
100,000	109,999	\$17.10	0.000	\$4.79	
110,000	119,999	\$17.10	0.000	\$4.79	
120,000	129,999	\$17.10	0.000	\$4.79	
130,000	139,999	\$17.10	0.000	\$4.79	
140,000	149,999	\$17.10	0.000	\$4.79	
150,000	159,999	\$17.10	0.000	\$4.79	
160,000	99,999,999	\$17.10	0.000	\$4.79	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 1 - Recommended Rates

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Minimum Charge per Billing Cycle	Usage Allowance in 1,000 Gallons	Unit Charge per 1,000 Gallons
1.000" Residential <10,000 Gallons	0	999	\$24.13	0.000	\$2.02
	1,000	1,999	\$24.13	0.000	\$2.02
	2,000	2,999	\$24.13	0.000	\$2.02
	3,000	3,999	\$24.13	0.000	\$2.02
	4,000	4,999	\$24.13	0.000	\$2.02
	5,000	5,999	\$24.13	0.000	\$2.69
	6,000	6,999	\$24.13	0.000	\$2.69
	7,000	7,999	\$24.13	0.000	\$2.69
	8,000	8,999	\$24.13	0.000	\$2.69
	9,000	9,999	\$24.13	0.000	\$2.69
	10,000	14,999	\$24.13	0.000	\$3.59
	15,000	19,999	\$24.13	0.000	\$3.59
	20,000	29,999	\$24.13	0.000	\$4.79
	30,000	39,999	\$24.13	0.000	\$4.79
	40,000	49,999	\$24.13	0.000	\$4.79
	50,000	59,999	\$24.13	0.000	\$4.79
	60,000	69,999	\$24.13	0.000	\$4.79
70,000	79,999	\$24.13	0.000	\$4.79	
80,000	89,999	\$24.13	0.000	\$4.79	
90,000	99,999	\$24.13	0.000	\$4.79	
100,000	109,999	\$24.13	0.000	\$4.79	
110,000	119,999	\$24.13	0.000	\$4.79	
120,000	129,999	\$24.13	0.000	\$4.79	
130,000	139,999	\$24.13	0.000	\$4.79	
140,000	149,999	\$24.13	0.000	\$4.79	
150,000	159,999	\$24.13	0.000	\$4.79	
160,000	99,999,999	\$24.13	0.000	\$4.79	
1.500" Residential <10,000 Gallons	0	999	\$35.83	0.000	\$2.02
	1,000	1,999	\$35.83	0.000	\$2.02
	2,000	2,999	\$35.83	0.000	\$2.02
	3,000	3,999	\$35.83	0.000	\$2.02
	4,000	4,999	\$35.83	0.000	\$2.02
	5,000	5,999	\$35.83	0.000	\$2.69
	6,000	6,999	\$35.83	0.000	\$2.69
	7,000	7,999	\$35.83	0.000	\$2.69
	8,000	8,999	\$35.83	0.000	\$2.69
	9,000	9,999	\$35.83	0.000	\$2.69
	10,000	14,999	\$35.83	0.000	\$3.59
	15,000	19,999	\$35.83	0.000	\$3.59
	20,000	29,999	\$35.83	0.000	\$4.79
	30,000	39,999	\$35.83	0.000	\$4.79
	40,000	49,999	\$35.83	0.000	\$4.79
	50,000	59,999	\$35.83	0.000	\$4.79
	60,000	69,999	\$35.83	0.000	\$4.79
70,000	79,999	\$35.83	0.000	\$4.79	
80,000	89,999	\$35.83	0.000	\$4.79	
90,000	99,999	\$35.83	0.000	\$4.79	
100,000	109,999	\$35.83	0.000	\$4.79	
110,000	119,999	\$35.83	0.000	\$4.79	
120,000	129,999	\$35.83	0.000	\$4.79	
130,000	139,999	\$35.83	0.000	\$4.79	
140,000	149,999	\$35.83	0.000	\$4.79	
150,000	159,999	\$35.83	0.000	\$4.79	
160,000	99,999,999	\$35.83	0.000	\$4.79	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 1 - Recommended Rates

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Minimum Charge per Billing Cycle	Usage Allowance in 1,000 Gallons	Unit Charge per 1,000 Gallons
2.000" Residential <10,000 Gallons	0	999	\$87.34	0.000	\$2.02
	1,000	1,999	\$87.34	0.000	\$2.02
	2,000	2,999	\$87.34	0.000	\$2.02
	3,000	3,999	\$87.34	0.000	\$2.02
	4,000	4,999	\$87.34	0.000	\$2.02
	5,000	5,999	\$87.34	0.000	\$2.69
	6,000	6,999	\$87.34	0.000	\$2.69
	7,000	7,999	\$87.34	0.000	\$2.69
	8,000	8,999	\$87.34	0.000	\$2.69
	9,000	9,999	\$87.34	0.000	\$2.69
	10,000	14,999	\$87.34	0.000	\$3.59
	15,000	19,999	\$87.34	0.000	\$3.59
	20,000	29,999	\$87.34	0.000	\$4.79
	30,000	39,999	\$87.34	0.000	\$4.79
	40,000	49,999	\$87.34	0.000	\$4.79
	50,000	59,999	\$87.34	0.000	\$4.79
	60,000	69,999	\$87.34	0.000	\$4.79
70,000	79,999	\$87.34	0.000	\$4.79	
80,000	89,999	\$87.34	0.000	\$4.79	
90,000	99,999	\$87.34	0.000	\$4.79	
100,000	109,999	\$87.34	0.000	\$4.79	
110,000	119,999	\$87.34	0.000	\$4.79	
120,000	129,999	\$87.34	0.000	\$4.79	
130,000	139,999	\$87.34	0.000	\$4.79	
140,000	149,999	\$87.34	0.000	\$4.79	
150,000	159,999	\$87.34	0.000	\$4.79	
160,000	99,999,999	\$87.34	0.000	\$4.79	
0.625" Residential ≥10,000 Gallons	0	999	\$17.10	0.000	\$2.02
	1,000	1,999	\$17.10	0.000	\$2.02
	2,000	2,999	\$17.10	0.000	\$2.02
	3,000	3,999	\$17.10	0.000	\$2.02
	4,000	4,999	\$17.10	0.000	\$2.02
	5,000	5,999	\$17.10	0.000	\$2.69
	6,000	6,999	\$17.10	0.000	\$2.69
	7,000	7,999	\$17.10	0.000	\$2.69
	8,000	8,999	\$17.10	0.000	\$2.69
	9,000	9,999	\$17.10	0.000	\$2.69
	10,000	14,999	\$17.10	0.000	\$3.59
	15,000	19,999	\$17.10	0.000	\$3.59
	20,000	29,999	\$17.10	0.000	\$4.79
	30,000	39,999	\$17.10	0.000	\$4.79
	40,000	49,999	\$17.10	0.000	\$4.79
	50,000	59,999	\$17.10	0.000	\$4.79
	60,000	69,999	\$17.10	0.000	\$4.79
70,000	79,999	\$17.10	0.000	\$4.79	
80,000	89,999	\$17.10	0.000	\$4.79	
90,000	99,999	\$17.10	0.000	\$4.79	
100,000	109,999	\$17.10	0.000	\$4.79	
110,000	119,999	\$17.10	0.000	\$4.79	
120,000	129,999	\$17.10	0.000	\$4.79	
130,000	139,999	\$17.10	0.000	\$4.79	
140,000	149,999	\$17.10	0.000	\$4.79	
150,000	159,999	\$17.10	0.000	\$4.79	
160,000	99,999,999	\$17.10	0.000	\$4.79	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 1 - Recommended Rates

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Minimum Charge per Billing Cycle	Usage Allowance in 1,000 Gallons	Unit Charge per 1,000 Gallons
0.750" Residential >=10,000 Gallons	0	999	\$17.10	0.000	\$2.02
	1,000	1,999	\$17.10	0.000	\$2.02
	2,000	2,999	\$17.10	0.000	\$2.02
	3,000	3,999	\$17.10	0.000	\$2.02
	4,000	4,999	\$17.10	0.000	\$2.02
	5,000	5,999	\$17.10	0.000	\$2.69
	6,000	6,999	\$17.10	0.000	\$2.69
	7,000	7,999	\$17.10	0.000	\$2.69
	8,000	8,999	\$17.10	0.000	\$2.69
	9,000	9,999	\$17.10	0.000	\$2.69
	10,000	14,999	\$17.10	0.000	\$3.59
	15,000	19,999	\$17.10	0.000	\$3.59
	20,000	29,999	\$17.10	0.000	\$4.79
	30,000	39,999	\$17.10	0.000	\$4.79
	40,000	49,999	\$17.10	0.000	\$4.79
	50,000	59,999	\$17.10	0.000	\$4.79
	60,000	69,999	\$17.10	0.000	\$4.79
70,000	79,999	\$17.10	0.000	\$4.79	
80,000	89,999	\$17.10	0.000	\$4.79	
90,000	99,999	\$17.10	0.000	\$4.79	
100,000	109,999	\$17.10	0.000	\$4.79	
110,000	119,999	\$17.10	0.000	\$4.79	
120,000	129,999	\$17.10	0.000	\$4.79	
130,000	139,999	\$17.10	0.000	\$4.79	
140,000	149,999	\$17.10	0.000	\$4.79	
150,000	159,999	\$17.10	0.000	\$4.79	
160,000	99,999,999	\$17.10	0.000	\$4.79	
1.000" Residential >=10,000 Gallons	0	999	\$24.13	0.000	\$2.02
	1,000	1,999	\$24.13	0.000	\$2.02
	2,000	2,999	\$24.13	0.000	\$2.02
	3,000	3,999	\$24.13	0.000	\$2.02
	4,000	4,999	\$24.13	0.000	\$2.02
	5,000	5,999	\$24.13	0.000	\$2.69
	6,000	6,999	\$24.13	0.000	\$2.69
	7,000	7,999	\$24.13	0.000	\$2.69
	8,000	8,999	\$24.13	0.000	\$2.69
	9,000	9,999	\$24.13	0.000	\$2.69
	10,000	14,999	\$24.13	0.000	\$3.59
	15,000	19,999	\$24.13	0.000	\$3.59
	20,000	29,999	\$24.13	0.000	\$4.79
	30,000	39,999	\$24.13	0.000	\$4.79
	40,000	49,999	\$24.13	0.000	\$4.79
	50,000	59,999	\$24.13	0.000	\$4.79
	60,000	69,999	\$24.13	0.000	\$4.79
70,000	79,999	\$24.13	0.000	\$4.79	
80,000	89,999	\$24.13	0.000	\$4.79	
90,000	99,999	\$24.13	0.000	\$4.79	
100,000	109,999	\$24.13	0.000	\$4.79	
110,000	119,999	\$24.13	0.000	\$4.79	
120,000	129,999	\$24.13	0.000	\$4.79	
130,000	139,999	\$24.13	0.000	\$4.79	
140,000	149,999	\$24.13	0.000	\$4.79	
150,000	159,999	\$24.13	0.000	\$4.79	
160,000	99,999,999	\$24.13	0.000	\$4.79	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 1 - Recommended Rates

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Minimum Charge per Billing Cycle	Usage Allowance in 1,000 Gallons	Unit Charge per 1,000 Gallons
1.500" Residential >=10,000 Gallons	0	999	\$35.83	0.000	\$2.02
	1,000	1,999	\$35.83	0.000	\$2.02
	2,000	2,999	\$35.83	0.000	\$2.02
	3,000	3,999	\$35.83	0.000	\$2.02
	4,000	4,999	\$35.83	0.000	\$2.02
	5,000	5,999	\$35.83	0.000	\$2.69
	6,000	6,999	\$35.83	0.000	\$2.69
	7,000	7,999	\$35.83	0.000	\$2.69
	8,000	8,999	\$35.83	0.000	\$2.69
	9,000	9,999	\$35.83	0.000	\$2.69
	10,000	14,999	\$35.83	0.000	\$3.59
	15,000	19,999	\$35.83	0.000	\$3.59
	20,000	29,999	\$35.83	0.000	\$4.79
	30,000	39,999	\$35.83	0.000	\$4.79
	40,000	49,999	\$35.83	0.000	\$4.79
	50,000	59,999	\$35.83	0.000	\$4.79
	60,000	69,999	\$35.83	0.000	\$4.79
	70,000	79,999	\$35.83	0.000	\$4.79
	80,000	89,999	\$35.83	0.000	\$4.79
	90,000	99,999	\$35.83	0.000	\$4.79
100,000	109,999	\$35.83	0.000	\$4.79	
110,000	119,999	\$35.83	0.000	\$4.79	
120,000	129,999	\$35.83	0.000	\$4.79	
130,000	139,999	\$35.83	0.000	\$4.79	
140,000	149,999	\$35.83	0.000	\$4.79	
150,000	159,999	\$35.83	0.000	\$4.79	
160,000	99,999,999	\$35.83	0.000	\$4.79	
2.000" Residential >=10,000 Gallons	0	999	\$87.34	0.000	\$2.02
	1,000	1,999	\$87.34	0.000	\$2.02
	2,000	2,999	\$87.34	0.000	\$2.02
	3,000	3,999	\$87.34	0.000	\$2.02
	4,000	4,999	\$87.34	0.000	\$2.02
	5,000	5,999	\$87.34	0.000	\$2.69
	6,000	6,999	\$87.34	0.000	\$2.69
	7,000	7,999	\$87.34	0.000	\$2.69
	8,000	8,999	\$87.34	0.000	\$2.69
	9,000	9,999	\$87.34	0.000	\$2.69
	10,000	14,999	\$87.34	0.000	\$3.59
	15,000	19,999	\$87.34	0.000	\$3.59
	20,000	29,999	\$87.34	0.000	\$4.79
	30,000	39,999	\$87.34	0.000	\$4.79
	40,000	49,999	\$87.34	0.000	\$4.79
	50,000	59,999	\$87.34	0.000	\$4.79
	60,000	69,999	\$87.34	0.000	\$4.79
	70,000	79,999	\$87.34	0.000	\$4.79
	80,000	89,999	\$87.34	0.000	\$4.79
	90,000	99,999	\$87.34	0.000	\$4.79
100,000	109,999	\$87.34	0.000	\$4.79	
110,000	119,999	\$87.34	0.000	\$4.79	
120,000	129,999	\$87.34	0.000	\$4.79	
130,000	139,999	\$87.34	0.000	\$4.79	
140,000	149,999	\$87.34	0.000	\$4.79	
150,000	159,999	\$87.34	0.000	\$4.79	
160,000	99,999,999	\$87.34	0.000	\$4.79	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 1 - Recommended Rates

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Minimum Charge per Billing Cycle	Usage Allowance in 1,000 Gallons	Unit Charge per 1,000 Gallons
0.625" Commercial	0	999	\$17.10	0.000	\$2.02
	1,000	1,999	\$17.10	0.000	\$2.02
	2,000	2,999	\$17.10	0.000	\$2.02
	3,000	3,999	\$17.10	0.000	\$2.02
	4,000	4,999	\$17.10	0.000	\$2.02
	5,000	5,999	\$17.10	0.000	\$2.69
	6,000	6,999	\$17.10	0.000	\$2.69
	7,000	7,999	\$17.10	0.000	\$2.69
	8,000	8,999	\$17.10	0.000	\$2.69
	9,000	9,999	\$17.10	0.000	\$2.69
	10,000	14,999	\$17.10	0.000	\$3.59
	15,000	19,999	\$17.10	0.000	\$3.59
	20,000	29,999	\$17.10	0.000	\$4.79
	30,000	39,999	\$17.10	0.000	\$4.79
	40,000	49,999	\$17.10	0.000	\$4.79
	50,000	59,999	\$17.10	0.000	\$4.79
	60,000	69,999	\$17.10	0.000	\$4.79
70,000	79,999	\$17.10	0.000	\$4.79	
80,000	89,999	\$17.10	0.000	\$4.79	
90,000	99,999	\$17.10	0.000	\$4.79	
100,000	109,999	\$17.10	0.000	\$4.79	
110,000	119,999	\$17.10	0.000	\$4.79	
120,000	129,999	\$17.10	0.000	\$4.79	
130,000	139,999	\$17.10	0.000	\$4.79	
140,000	149,999	\$17.10	0.000	\$4.79	
150,000	159,999	\$17.10	0.000	\$4.79	
160,000	99,999,999	\$17.10	0.000	\$4.79	
0.750" Commercial	0	999	\$17.10	0.000	\$2.02
	1,000	1,999	\$17.10	0.000	\$2.02
	2,000	2,999	\$17.10	0.000	\$2.02
	3,000	3,999	\$17.10	0.000	\$2.02
	4,000	4,999	\$17.10	0.000	\$2.02
	5,000	5,999	\$17.10	0.000	\$2.69
	6,000	6,999	\$17.10	0.000	\$2.69
	7,000	7,999	\$17.10	0.000	\$2.69
	8,000	8,999	\$17.10	0.000	\$2.69
	9,000	9,999	\$17.10	0.000	\$2.69
	10,000	14,999	\$17.10	0.000	\$3.59
	15,000	19,999	\$17.10	0.000	\$3.59
	20,000	29,999	\$17.10	0.000	\$4.79
	30,000	39,999	\$17.10	0.000	\$4.79
	40,000	49,999	\$17.10	0.000	\$4.79
	50,000	59,999	\$17.10	0.000	\$4.79
	60,000	69,999	\$17.10	0.000	\$4.79
70,000	79,999	\$17.10	0.000	\$4.79	
80,000	89,999	\$17.10	0.000	\$4.79	
90,000	99,999	\$17.10	0.000	\$4.79	
100,000	109,999	\$17.10	0.000	\$4.79	
110,000	119,999	\$17.10	0.000	\$4.79	
120,000	129,999	\$17.10	0.000	\$4.79	
130,000	139,999	\$17.10	0.000	\$4.79	
140,000	149,999	\$17.10	0.000	\$4.79	
150,000	159,999	\$17.10	0.000	\$4.79	
160,000	99,999,999	\$17.10	0.000	\$4.79	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 1 - Recommended Rates

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Minimum Charge per Billing Cycle	Usage Allowance in 1,000 Gallons	Unit Charge per 1,000 Gallons
1.000" Commercial	0	999	\$24.13	0.000	\$2.02
	1,000	1,999	\$24.13	0.000	\$2.02
	2,000	2,999	\$24.13	0.000	\$2.02
	3,000	3,999	\$24.13	0.000	\$2.02
	4,000	4,999	\$24.13	0.000	\$2.02
	5,000	5,999	\$24.13	0.000	\$2.69
	6,000	6,999	\$24.13	0.000	\$2.69
	7,000	7,999	\$24.13	0.000	\$2.69
	8,000	8,999	\$24.13	0.000	\$2.69
	9,000	9,999	\$24.13	0.000	\$2.69
	10,000	14,999	\$24.13	0.000	\$3.59
	15,000	19,999	\$24.13	0.000	\$3.59
	20,000	29,999	\$24.13	0.000	\$4.79
	30,000	39,999	\$24.13	0.000	\$4.79
	40,000	49,999	\$24.13	0.000	\$4.79
	50,000	59,999	\$24.13	0.000	\$4.79
	60,000	69,999	\$24.13	0.000	\$4.79
70,000	79,999	\$24.13	0.000	\$4.79	
80,000	89,999	\$24.13	0.000	\$4.79	
90,000	99,999	\$24.13	0.000	\$4.79	
100,000	109,999	\$24.13	0.000	\$4.79	
110,000	119,999	\$24.13	0.000	\$4.79	
120,000	129,999	\$24.13	0.000	\$4.79	
130,000	139,999	\$24.13	0.000	\$4.79	
140,000	149,999	\$24.13	0.000	\$4.79	
150,000	159,999	\$24.13	0.000	\$4.79	
160,000	99,999,999	\$24.13	0.000	\$4.79	
1.500" Commercial	0	999	\$35.83	0.000	\$2.02
	1,000	1,999	\$35.83	0.000	\$2.02
	2,000	2,999	\$35.83	0.000	\$2.02
	3,000	3,999	\$35.83	0.000	\$2.02
	4,000	4,999	\$35.83	0.000	\$2.02
	5,000	5,999	\$35.83	0.000	\$2.69
	6,000	6,999	\$35.83	0.000	\$2.69
	7,000	7,999	\$35.83	0.000	\$2.69
	8,000	8,999	\$35.83	0.000	\$2.69
	9,000	9,999	\$35.83	0.000	\$2.69
	10,000	14,999	\$35.83	0.000	\$3.59
	15,000	19,999	\$35.83	0.000	\$3.59
	20,000	29,999	\$35.83	0.000	\$4.79
	30,000	39,999	\$35.83	0.000	\$4.79
	40,000	49,999	\$35.83	0.000	\$4.79
	50,000	59,999	\$35.83	0.000	\$4.79
	60,000	69,999	\$35.83	0.000	\$4.79
70,000	79,999	\$35.83	0.000	\$4.79	
80,000	89,999	\$35.83	0.000	\$4.79	
90,000	99,999	\$35.83	0.000	\$4.79	
100,000	109,999	\$35.83	0.000	\$4.79	
110,000	119,999	\$35.83	0.000	\$4.79	
120,000	129,999	\$35.83	0.000	\$4.79	
130,000	139,999	\$35.83	0.000	\$4.79	
140,000	149,999	\$35.83	0.000	\$4.79	
150,000	159,999	\$35.83	0.000	\$4.79	
160,000	99,999,999	\$35.83	0.000	\$4.79	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 1 - Recommended Rates

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Minimum Charge per Billing Cycle	Usage Allowance in 1,000 Gallons	Unit Charge per 1,000 Gallons
2.000" Commercial	0	999	\$87.34	0.000	\$2.02
	1,000	1,999	\$87.34	0.000	\$2.02
	2,000	2,999	\$87.34	0.000	\$2.02
	3,000	3,999	\$87.34	0.000	\$2.02
	4,000	4,999	\$87.34	0.000	\$2.02
	5,000	5,999	\$87.34	0.000	\$2.69
	6,000	6,999	\$87.34	0.000	\$2.69
	7,000	7,999	\$87.34	0.000	\$2.69
	8,000	8,999	\$87.34	0.000	\$2.69
	9,000	9,999	\$87.34	0.000	\$2.69
	10,000	14,999	\$87.34	0.000	\$3.59
	15,000	19,999	\$87.34	0.000	\$3.59
	20,000	29,999	\$87.34	0.000	\$4.79
	30,000	39,999	\$87.34	0.000	\$4.79
	40,000	49,999	\$87.34	0.000	\$4.79
	50,000	59,999	\$87.34	0.000	\$4.79
	60,000	69,999	\$87.34	0.000	\$4.79
70,000	79,999	\$87.34	0.000	\$4.79	
80,000	89,999	\$87.34	0.000	\$4.79	
90,000	99,999	\$87.34	0.000	\$4.79	
100,000	109,999	\$87.34	0.000	\$4.79	
110,000	119,999	\$87.34	0.000	\$4.79	
120,000	129,999	\$87.34	0.000	\$4.79	
130,000	139,999	\$87.34	0.000	\$4.79	
140,000	149,999	\$87.34	0.000	\$4.79	
150,000	159,999	\$87.34	0.000	\$4.79	
160,000	99,999,999	\$87.34	0.000	\$4.79	
3.000" Commercial	0	999	\$216.12	0.000	\$2.02
	1,000	1,999	\$216.12	0.000	\$2.02
	2,000	2,999	\$216.12	0.000	\$2.02
	3,000	3,999	\$216.12	0.000	\$2.02
	4,000	4,999	\$216.12	0.000	\$2.02
	5,000	5,999	\$216.12	0.000	\$2.69
	6,000	6,999	\$216.12	0.000	\$2.69
	7,000	7,999	\$216.12	0.000	\$2.69
	8,000	8,999	\$216.12	0.000	\$2.69
	9,000	9,999	\$216.12	0.000	\$2.69
	10,000	14,999	\$216.12	0.000	\$3.59
	15,000	19,999	\$216.12	0.000	\$3.59
	20,000	29,999	\$216.12	0.000	\$4.79
	30,000	39,999	\$216.12	0.000	\$4.79
	40,000	49,999	\$216.12	0.000	\$4.79
	50,000	59,999	\$216.12	0.000	\$4.79
	60,000	69,999	\$216.12	0.000	\$4.79
70,000	79,999	\$216.12	0.000	\$4.79	
80,000	89,999	\$216.12	0.000	\$4.79	
90,000	99,999	\$216.12	0.000	\$4.79	
100,000	109,999	\$216.12	0.000	\$4.79	
110,000	119,999	\$216.12	0.000	\$4.79	
120,000	129,999	\$216.12	0.000	\$4.79	
130,000	139,999	\$216.12	0.000	\$4.79	
140,000	149,999	\$216.12	0.000	\$4.79	
150,000	159,999	\$216.12	0.000	\$4.79	
160,000	99,999,999	\$216.12	0.000	\$4.79	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 1 - Recommended Rates

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Minimum Charge per Billing Cycle	Usage Allowance in 1,000 Gallons	Unit Charge per 1,000 Gallons
4.000" Commercial	0	999	\$363.62	0.000	\$2.02
	1,000	1,999	\$363.62	0.000	\$2.02
	2,000	2,999	\$363.62	0.000	\$2.02
	3,000	3,999	\$363.62	0.000	\$2.02
	4,000	4,999	\$363.62	0.000	\$2.02
	5,000	5,999	\$363.62	0.000	\$2.69
	6,000	6,999	\$363.62	0.000	\$2.69
	7,000	7,999	\$363.62	0.000	\$2.69
	8,000	8,999	\$363.62	0.000	\$2.69
	9,000	9,999	\$363.62	0.000	\$2.69
	10,000	14,999	\$363.62	0.000	\$3.59
	15,000	19,999	\$363.62	0.000	\$3.59
	20,000	29,999	\$363.62	0.000	\$4.79
	30,000	39,999	\$363.62	0.000	\$4.79
	40,000	49,999	\$363.62	0.000	\$4.79
	50,000	59,999	\$363.62	0.000	\$4.79
	60,000	69,999	\$363.62	0.000	\$4.79
70,000	79,999	\$363.62	0.000	\$4.79	
80,000	89,999	\$363.62	0.000	\$4.79	
90,000	99,999	\$363.62	0.000	\$4.79	
100,000	109,999	\$363.62	0.000	\$4.79	
110,000	119,999	\$363.62	0.000	\$4.79	
120,000	129,999	\$363.62	0.000	\$4.79	
130,000	139,999	\$363.62	0.000	\$4.79	
140,000	149,999	\$363.62	0.000	\$4.79	
150,000	159,999	\$363.62	0.000	\$4.79	
160,000	99,999,999	\$363.62	0.000	\$4.79	
Hydrant 2" Meter Bulk Users	0	999	\$87.34	0.000	\$2.02
	1,000	1,999	\$87.34	0.000	\$2.02
	2,000	2,999	\$87.34	0.000	\$2.02
	3,000	3,999	\$87.34	0.000	\$2.02
	4,000	4,999	\$87.34	0.000	\$2.02
	5,000	5,999	\$87.34	0.000	\$2.69
	6,000	6,999	\$87.34	0.000	\$2.69
	7,000	7,999	\$87.34	0.000	\$2.69
	8,000	8,999	\$87.34	0.000	\$2.69
	9,000	9,999	\$87.34	0.000	\$2.69
	10,000	14,999	\$87.34	0.000	\$3.59
	15,000	19,999	\$87.34	0.000	\$3.59
	20,000	29,999	\$87.34	0.000	\$4.79
	30,000	39,999	\$87.34	0.000	\$4.79
	40,000	49,999	\$87.34	0.000	\$4.79
	50,000	59,999	\$87.34	0.000	\$4.79
	60,000	69,999	\$87.34	0.000	\$4.79
70,000	79,999	\$87.34	0.000	\$4.79	
80,000	89,999	\$87.34	0.000	\$4.79	
90,000	99,999	\$87.34	0.000	\$4.79	
100,000	109,999	\$87.34	0.000	\$4.79	
110,000	119,999	\$87.34	0.000	\$4.79	
120,000	129,999	\$87.34	0.000	\$4.79	
130,000	139,999	\$87.34	0.000	\$4.79	
140,000	149,999	\$87.34	0.000	\$4.79	
150,000	159,999	\$87.34	0.000	\$4.79	
160,000	99,999,999	\$87.34	0.000	\$4.79	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 2 - User Base and Operating Incomes

This table depicts user statistics and system incomes during the test year and for the next 10 years.

Annual Median Household Income (AMHI)

\$29,487	Census Bureau estimate of AMHI for the year:	2013
\$27,292	Census Bureau estimate of AMHI for the year:	2000
\$2,195 AMHI growth during this time period		
0.62% Simple annual income growth rate during this time period (used to project incomes into the future)		

Test Year Growth of Customer Base and Average Tap Fee Paid per Connection

60	Number of new taps or installations made during the test year
\$1,398	Average tap or installation fee assessed during the test year

The gray highlighted row below shows the rate revenue increase for "This Year" (heading highlighted blue). However, for "This Year," each customer's bill will go up or down based upon how the new rates apply to their actual use and demand. In future years it is assumed that all rates and fees will go up, either by a simple inflationary factor shown on this line or restructured rates that produce this level of income increases.

In the "This Year" column below (heading highlighted blue), revenues will be collected at the now-current rates for the first part of the year and the modeled rates for the last part of the year starting on the date near the top of Table 12. Thus, the revenues shown in the last column of the table are "blended" revenues; part collected at the old rates and part collected at the new rates. It was then assumed that all rate adjustments made after the initial (major) adjustment will be done in time each year so fees can be collected from the first day of each new year at the (annually) adjusted rates.

User Base

(First year balances and incomes are <u>actual</u> , subsequent years are <u>projected</u> .)	Infla./De- flation (-) Factor	Test Year	This Year	2nd Year	3rd Year	4th Year	5th Year	6th Year	7th Year	8th Year	9th Year	10th Year
		Starting 7/1/14	Starting 7/1/15	Starting 7/1/16	Starting 7/1/17	Starting 7/1/18	Starting 7/1/19	Starting 7/1/20	Starting 7/1/21	Starting 7/1/22	Starting 7/1/23	Starting 7/1/24
Average Users for the Year	NA	5261	5321	5381	5441	5501	5561	5621	5681	5741	5801	5861
Users Added/Lost During the Year	NA	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
User Growth or Loss Rate	NA	1.14%	1.13%	1.12%	1.12%	1.09%	1.08%	1.07%	1.06%	1.05%	1.03%	1.02%
Rate Increases Projected for Future Years	NA	NA	NA	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%

How User Charge Fees Were Calculated, Accounting for New Customers and Future Rate Increases

Actual or Calculated Sales Revenues	\$2,586,085	\$2,866,641	\$2,939,781	\$3,076,599	\$3,219,786	\$3,368,825	\$3,524,353	\$3,686,642	\$3,855,973	\$4,032,641	\$4,216,953
Additional Sales Revenues From New Customers		\$32,324	\$32,779	\$34,305	\$35,118	\$36,347	\$37,619	\$38,936	\$40,299	\$41,709	\$43,169
Total Calculated Revenues	\$2,586,085	\$2,898,965	\$2,972,560	\$3,110,904	\$3,254,904	\$3,405,172	\$3,561,973	\$3,725,578	\$3,896,272	\$4,074,350	\$4,260,122

Operating Incomes

User Charge Fees	NA	\$2,586,085	\$2,898,965	\$2,972,560	\$3,110,904	\$3,254,904	\$3,405,172	\$3,561,973	\$3,725,578	\$3,896,272	\$4,074,350	\$4,260,122
Late Payment Charge	NA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
New Tap Fees, Current Rate Structure (Installation Charges)	% Above	\$83,876	\$69,897	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Meter-size Based Tap Fees (Table 9)	% Above	\$0	\$18,240	\$113,271	\$117,236	\$121,339	\$125,586	\$129,982	\$134,531	\$139,240	\$144,113	\$149,157
Interest Income	NA	\$28,081	\$18,298	\$11,781	\$14,624	\$15,155	\$15,752	\$16,288	\$16,893	\$17,573	\$18,186	\$18,877
Miscellaneous Income (Loan Proceeds Closeout)	NA	\$836,394	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
DAC O & M Revenue	NA	\$2,859	\$2,859	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Disconnect/Reconnect Fees	NA	\$52,985	\$52,985	\$52,985	\$52,985	\$52,985	\$52,985	\$52,985	\$52,985	\$52,985	\$52,985	\$52,985
Effluent (Sale of Wastewater for Irrigation)	NA	\$14,837	\$14,837	\$14,837	\$14,837	\$14,837	\$14,837	\$14,837	\$14,837	\$14,837	\$14,837	\$14,837
Membership Revenues	NA	\$12,975	\$12,975	\$12,975	\$12,975	\$12,975	\$12,975	\$12,975	\$12,975	\$12,975	\$12,975	\$12,975
O & M Revenue	NA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Penalties	NA	\$94,326	\$94,326	\$94,326	\$94,326	\$94,326	\$94,326	\$94,326	\$94,326	\$94,326	\$94,326	\$94,326
Refunds	NA	\$29,946	\$14,946	\$14,946	\$14,946	\$14,946	\$14,946	\$14,946	\$14,946	\$14,946	\$14,946	\$14,946
Rental Income	NA	\$4,750	\$4,750	\$4,750	\$4,750	\$4,750	\$4,750	\$4,750	\$4,750	\$4,750	\$4,750	\$4,750
Service Charges	NA	\$1,290	\$1,290	\$1,290	\$1,290	\$1,290	\$1,290	\$1,290	\$1,290	\$1,290	\$1,290	\$1,290
Water Conservation Fee	NA	\$16,568	\$16,568	\$16,568	\$16,568	\$16,568	\$16,568	\$16,568	\$16,568	\$16,568	\$16,568	\$16,568
Water Rights Revenue	NA	\$96,250	\$96,250	\$96,250	\$96,250	\$96,250	\$96,250	\$96,250	\$96,250	\$96,250	\$96,250	\$96,250
Revenue Loss (-) Due to Conservation	0.0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Incomes		\$3,861,222	\$3,317,185	\$3,406,539	\$3,551,691	\$3,700,324	\$3,855,437	\$4,017,169	\$4,185,928	\$4,362,011	\$4,545,576	\$4,737,082

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 3 - Operating Costs and Net Income

This table depicts expenses during the test year, this year and for the next 10 years.
(First year costs and net incomes are actual,
subsequent years are projected.)

	Infla./De- flation (-) Factor	Test Year Starting 7/1/14	This Year Starting 7/1/15	2nd Year Starting 7/1/16	3rd Year Starting 7/1/17	4th Year Starting 7/1/18	5th Year Starting 7/1/19	6th Year Starting 7/1/20	7th Year Starting 7/1/21	8th Year Starting 7/1/22	9th Year Starting 7/1/23	10th Year Starting 7/1/24
(Note: Some future costs will experience inflation. Those costs that go up as use goes up are also increased by the growth rate in users and the percentage by which that cost is variable as reported in Chart 4.)												
Advertising & Promotion	4.0%	\$4,175	\$4,342	\$4,566	\$4,801	\$5,048	\$5,306	\$5,577	\$5,862	\$6,160	\$6,473	\$6,800
Annual Audit	4.0%	\$22,060	\$22,943	\$23,861	\$24,815	\$25,808	\$26,840	\$27,913	\$29,030	\$30,191	\$31,399	\$32,655
Association Dues & Memberships	4.0%	\$1,479	\$1,538	\$1,600	\$1,664	\$1,730	\$1,799	\$1,871	\$1,946	\$2,024	\$2,105	\$2,189
Board Meeting Per Diem	4.0%	\$9,115	\$9,480	\$9,859	\$10,253	\$10,663	\$11,090	\$11,533	\$11,995	\$12,475	\$12,973	\$13,492
Building Repair & Maintenance	4.0%	\$1,717	\$1,786	\$1,857	\$1,931	\$2,009	\$2,089	\$2,172	\$2,259	\$2,350	\$2,444	\$2,541
Cellular Phone	4.0%	\$7,175	\$7,462	\$7,760	\$8,070	\$8,393	\$8,729	\$9,078	\$9,441	\$9,819	\$10,212	\$10,620
Chemicals	4.0%	\$18,674	\$19,640	\$20,653	\$21,719	\$22,834	\$24,004	\$25,230	\$26,517	\$27,866	\$29,280	\$30,763
Company Insurance	4.0%	\$40,372	\$41,987	\$43,666	\$45,413	\$47,230	\$49,119	\$51,083	\$53,127	\$55,252	\$57,462	\$59,760
Contract Labor	4.0%	\$6,701	\$6,969	\$6,969	\$6,969	\$6,969	\$6,969	\$6,969	\$6,969	\$6,969	\$6,969	\$6,969
Debt Service - Interest (Loan Closeout)	4.0%	\$146,461	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt Service - Principal (Loan Closeout)	4.0%	\$1,129,431	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Dental Insurance	4.0%	\$3,704	\$3,853	\$4,007	\$4,167	\$4,334	\$4,507	\$4,687	\$4,875	\$5,070	\$5,273	\$5,484
EBID Fees (ROW Lease)	0.0%	\$13,496	\$13,496	\$13,496	\$13,496	\$13,496	\$13,496	\$13,496	\$13,496	\$13,496	\$13,496	\$13,496
Educational Assistance	4.0%	\$2,880	\$2,995	\$3,115	\$3,240	\$3,369	\$3,504	\$3,644	\$3,790	\$3,941	\$4,099	\$4,263
Electric	4.0%	\$245,003	\$257,676	\$270,971	\$284,952	\$299,582	\$314,927	\$331,020	\$347,897	\$365,594	\$384,151	\$403,606
Engineering Services	4.0%	\$104,948	\$60,000	\$75,000	\$78,000	\$81,120	\$84,365	\$87,739	\$91,249	\$94,899	\$98,695	\$102,643
Equipment Rentals	4.0%	\$2,015	\$2,095	\$2,179	\$2,266	\$2,357	\$2,451	\$2,549	\$2,651	\$2,757	\$2,868	\$2,982
Equipment Repairs & Maintenance	4.0%	\$4,905	\$5,101	\$5,305	\$5,518	\$5,738	\$5,968	\$6,207	\$6,455	\$6,713	\$6,982	\$7,261
FICA Tax Expense	4.0%	\$50,638	\$52,664	\$54,771	\$56,961	\$59,240	\$61,609	\$64,074	\$66,637	\$69,302	\$72,074	\$74,957
Financial Services	4.0%	\$6,939	\$7,216	\$7,505	\$7,805	\$8,117	\$8,442	\$8,780	\$9,131	\$9,496	\$9,876	\$10,271
Food	4.0%	\$1,387	\$1,443	\$1,500	\$1,560	\$1,623	\$1,688	\$1,755	\$1,826	\$1,899	\$1,974	\$2,053
Fuel & Oil	4.0%	\$21,324	\$22,177	\$23,064	\$23,986	\$24,946	\$25,943	\$26,981	\$28,060	\$29,183	\$30,350	\$31,564
FUTA Expense (Fed Unemployment Tax)	4.0%	\$12,234	\$900	\$1,000	\$1,040	\$1,082	\$1,125	\$1,170	\$1,217	\$1,265	\$1,316	\$1,369
Gas Service	4.0%	\$1,074	\$1,117	\$1,162	\$1,208	\$1,257	\$1,307	\$1,359	\$1,414	\$1,470	\$1,529	\$1,590
Health Insurance	8.0%	\$74,107	\$95,000	\$102,600	\$110,808	\$119,673	\$129,246	\$139,586	\$150,753	\$162,813	\$175,838	\$189,905
Internet Service	4.0%	\$3,023	\$3,144	\$3,269	\$3,400	\$3,536	\$3,678	\$3,825	\$3,978	\$4,137	\$4,302	\$4,474
IT Services	4.0%	\$26,200	\$27,247	\$28,337	\$29,471	\$30,650	\$31,876	\$33,151	\$34,477	\$35,856	\$37,290	\$38,782
Janitor Services & Supplies	4.0%	\$5,393	\$5,609	\$5,833	\$6,067	\$6,309	\$6,562	\$6,824	\$7,097	\$7,381	\$7,676	\$7,983
Land Easements	4.0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Leasing & Maint. Agreements	4.0%	\$56,377	\$123,632	\$128,577	\$133,720	\$139,069	\$144,632	\$150,417	\$156,434	\$162,691	\$169,199	\$175,967
Legal Services	4.0%	\$215,148	\$150,000	\$150,000	\$156,000	\$162,240	\$168,730	\$175,479	\$182,498	\$189,798	\$197,390	\$205,285
Licenses, Permits, Fees	4.0%	\$53,025	\$55,146	\$57,352	\$59,646	\$62,032	\$64,513	\$67,094	\$69,778	\$72,569	\$75,472	\$78,490
Mandatory Medical	4.0%	\$1,360	\$1,414	\$1,471	\$1,530	\$1,591	\$1,655	\$1,721	\$1,790	\$1,861	\$1,936	\$2,013
Miscellaneous Expense	4.0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Office Repairs & Maintenance	4.0%	\$54	\$57	\$59	\$61	\$64	\$66	\$69	\$72	\$75	\$78	\$81
Other Professional Services	4.0%	\$80,709	\$60,000	\$63,096	\$66,351	\$69,758	\$73,331	\$77,078	\$81,008	\$85,129	\$89,450	\$93,980
Overtime	4.0%	\$28,004	\$29,124	\$30,289	\$31,501	\$32,761	\$34,071	\$35,434	\$36,852	\$38,326	\$39,859	\$41,453

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 3 - Operating Costs and Net Income

Dona Ana MDWCA, Las Cruces, NM, Water Rates Scenario 2016-3

This table depicts expenses during the test year, this year and for the next 10 years. (Cont.)

	Infla./De- flation (-) Factor	Test Year Starting 7/1/14	This Year Starting 7/1/15	2nd Year Starting 7/1/16	3rd Year Starting 7/1/17	4th Year Starting 7/1/18	5th Year Starting 7/1/19	6th Year Starting 7/1/20	7th Year Starting 7/1/21	8th Year Starting 7/1/22	9th Year Starting 7/1/23	10th Year Starting 7/1/24	
Postage & Shipping	4.0%	\$61,074	\$63,517	\$66,057	\$68,700	\$71,448	\$74,306	\$77,278	\$80,369	\$83,584	\$86,927	\$90,404	
Pubic Employees Retirement Association	4.0%	\$56,920	\$59,197	\$61,564	\$64,027	\$66,588	\$69,252	\$72,022	\$74,903	\$77,899	\$81,015	\$84,255	
Real Estate Taxes	4.0%	\$13,478	\$14,017	\$14,578	\$15,161	\$15,768	\$16,398	\$17,054	\$17,736	\$18,446	\$19,184	\$19,951	
Safety Equipment	4.0%	\$1,109	\$1,153	\$1,199	\$1,247	\$1,297	\$1,349	\$1,403	\$1,459	\$1,518	\$1,578	\$1,642	
Salaries	4.0%	\$638,352	\$643,886	\$669,642	\$696,428	\$724,285	\$753,256	\$783,386	\$814,722	\$847,311	\$881,203	\$916,451	
Sample Testing	4.0%	\$11,157	\$11,604	\$12,068	\$12,551	\$13,053	\$13,575	\$14,118	\$14,682	\$15,270	\$15,881	\$16,516	
Small Tools	4.0%	\$1,381	\$1,436	\$1,493	\$1,553	\$1,615	\$1,680	\$1,747	\$1,817	\$1,890	\$1,965	\$2,044	
STD/LTD/Life	4.0%	\$6,629	\$6,894	\$7,169	\$7,456	\$7,754	\$8,065	\$8,387	\$8,723	\$9,072	\$9,434	\$9,812	
Supplies & Expenses	4.0%	\$133,732	\$139,082	\$144,645	\$150,431	\$156,448	\$162,706	\$169,214	\$175,983	\$183,022	\$190,343	\$197,956	
SUTA Expense (State Unemployment Tax)	4.0%	\$4,944	\$25,000	\$26,000	\$27,040	\$28,122	\$29,246	\$30,416	\$31,633	\$32,898	\$34,214	\$35,583	
System Repairs & Maintenance	4.0%	\$69,393	\$72,169	\$75,056	\$78,058	\$81,180	\$84,428	\$87,805	\$91,317	\$94,970	\$98,768	\$102,719	
Telephone	4.0%	\$9,308	\$9,680	\$10,067	\$10,470	\$10,889	\$11,324	\$11,777	\$12,248	\$12,738	\$13,248	\$13,778	
Trainings & Seminars	4.0%	\$7,921	\$12,000	\$12,480	\$12,979	\$13,498	\$14,038	\$14,600	\$15,184	\$15,791	\$16,423	\$17,080	
Trash Service	4.0%	\$3,373	\$3,507	\$3,648	\$3,794	\$3,945	\$4,103	\$4,267	\$4,438	\$4,616	\$4,800	\$4,992	
Travel	4.0%	\$1,685	\$10,000	\$10,400	\$10,816	\$11,249	\$11,699	\$12,167	\$12,653	\$13,159	\$13,686	\$14,233	
Uniforms	4.0%	\$3,260	\$3,390	\$3,525	\$3,667	\$3,813	\$3,966	\$4,124	\$4,289	\$4,461	\$4,639	\$4,825	
Vehicle Repairs & Maintenance	4.0%	\$4,402	\$4,579	\$4,762	\$4,952	\$5,150	\$5,356	\$5,570	\$5,793	\$6,025	\$6,266	\$6,517	
Vision insurance	4.0%	\$1,234	\$1,283	\$1,334	\$1,388	\$1,443	\$1,501	\$1,561	\$1,623	\$1,688	\$1,756	\$1,826	
Water Conservation Fee	4.0%	\$21,284	\$22,135	\$23,020	\$23,941	\$24,899	\$25,895	\$26,931	\$28,008	\$29,128	\$30,293	\$31,505	
Water/Sewer Service	4.0%	\$2,061	\$2,143	\$2,229	\$2,318	\$2,411	\$2,507	\$2,607	\$2,712	\$2,820	\$2,933	\$3,050	
Workman's Comp	4.0%	\$19,084	\$19,848	\$20,641	\$21,467	\$22,326	\$23,219	\$24,148	\$25,114	\$26,118	\$27,163	\$28,249	
Temporary Non-payment to Replacement Fund	4.0%	-\$445,933	-\$445,933	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Annual Payment to Replacement Fund (Table 17)	0.0%	\$445,933	\$445,933	\$445,933	\$445,933	\$445,933	\$445,933	\$445,933	\$445,933	\$445,933	\$445,933	\$445,933	
User Charge Analysis Services	5.0%	\$0	\$7,452	\$0	\$0	\$8,216	\$0	\$0	\$9,058	\$0	\$0	\$9,986	
CIP Spending Plan	N.A.	Table 4	Table 4	Table 4	Table 4	Table 4	Table 4	Table 4	Table 4	Table 4	Table 4	Table 4	
Total Operating Costs		\$3,485,421	\$2,244,050	\$2,785,603	\$2,886,641	\$3,000,385	\$3,102,444	\$3,217,691	\$3,347,205	\$3,464,061	\$3,595,694	\$3,743,309	
Net Income (or Loss)		\$375,801	\$1,073,135	\$620,936	\$665,050	\$699,940	\$752,993	\$799,478	\$838,723	\$897,950	\$949,882	\$993,774	
Working Capital Goal: 35%		In Dollars, That is:	\$1,219,897	\$785,418	\$974,961	\$1,010,324	\$1,050,135	\$1,085,855	\$1,126,192	\$1,171,522	\$1,212,421	\$1,258,493	\$1,310,158

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Table 4 - Capital Improvement Program

This table depicts capital improvements and their funding. Costs reflect inflation.

	Test Year Starting 7/1/14	This Year Starting 7/1/15	Next Year Starting 7/1/16	3rd Year Starting 7/1/17	4th Year Starting 7/1/18	5th Year Starting 7/1/19	6th Year Starting 7/1/20	7th Year Starting 7/1/21	8th Year Starting 7/1/22	9th Year Starting 7/1/23	10th Year Starting 7/1/24
CIP Spending Plan											
(The portion of improvements that will be funded with loans are shown in this section. The balance of each of these improvements will be funded with grants and/or utility reserves. That is shown in the next section.)											
Capital Improvements to be Paid With Debt											
Colonias, Fairview Phase 2	\$0	\$0	\$0	\$110,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
USDA, Radium Springs	\$0	\$0	\$0	\$1,260,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Water Trust Board, Via Norte Waterline	\$0	\$0	\$0	\$440,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Water Trust Board, Westwind Water Improvement	\$0	\$0	\$0	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Assumed Continuation of Current Level of CIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,210,000	\$0	\$0
Total Capital Improvements to be Paid With Debt	\$0	\$0	\$0	\$2,210,000	\$0	\$0	\$0	\$0	\$2,210,000	\$0	\$0
(This section includes the grant and reserves-funded portion of each improvement project. The actual grant amounts expected are shown in the CIP Funding Plan section that follows.)											
Capital Improvements to be Paid With Cash											
Reserve Funds, New Vehicles for Operations and Administration	\$0	\$0	\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Reserve Funds, Purchase of new water system	\$0	\$0	\$0	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Assumed Continuation of Current Level of CIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$375,000	\$0	\$0
Total Cap Improvements to be Paid With Cash	\$0	\$0	\$0	\$375,000	\$0	\$0	\$0	\$0	\$375,000	\$0	\$0
Total CIP Planned Spending	\$0	\$0	\$0	\$2,585,000	\$0	\$0	\$0	\$0	\$2,585,000	\$0	\$0
CIP Funding Plan											
CIP and Debt Reserve Starting Balance	\$0	\$321,238	\$1,219,997	\$1,069,496	\$737,774	\$692,006	\$702,009	\$754,180	\$842,168	\$621,453	\$706,340
Working Capital Transferred to CIP and Debt Reserve	\$939,732	\$1,507,615	\$431,393	\$629,686	\$660,130	\$717,272	\$759,141	\$793,393	\$857,050	\$903,810	\$942,109
CIP and Debt Reserve Interest Earned (or Paid)	\$0	\$9,637	\$36,600	\$32,085	\$22,133	\$20,760	\$21,060	\$22,625	\$25,265	\$18,644	\$21,190
Grants	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
All New Loans Combined				\$2,210,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Loan for Assumed Continuation of Current Level of CIP									\$2,210,000	\$0	\$0
Total CIP Reserve and Income Sources	\$939,732	\$1,838,490	\$1,687,990	\$3,941,267	\$1,420,037	\$1,430,039	\$1,482,210	\$1,570,199	\$3,934,484	\$1,543,907	\$1,669,639
CIP Debt Payment Plan											
RUS/USDA, North Tank #1 & Well	\$28,700	\$28,700	\$28,700	\$28,700	\$28,700	\$28,700	\$28,700	\$28,700	\$28,700	\$28,700	\$28,700
RUS/USDA, Fort Selden Water Company Asset Purchase	\$88,018	\$88,018	\$88,018	\$88,018	\$88,018	\$88,018	\$88,018	\$88,018	\$88,018	\$88,018	\$88,018
NMED RIP 2013 -01, Picacho Hills Utility Company Asset Purchase**	\$101,476	\$101,476	\$101,476	\$101,476	\$101,476	\$101,476	\$101,476	\$101,476	\$101,476	\$101,476	\$101,476
NMFA/WTB 55, W/WW Reclamation, Collection & Surface Water	\$975	\$975	\$975	\$975	\$975	\$975	\$975	\$975	\$975	\$975	\$975
NMFA/WTB 83, W/WW Reclamation, Collection & Surface Water	\$13,652	\$13,652	\$13,652	\$13,652	\$13,652	\$13,652	\$13,652	\$13,652	\$13,652	\$13,652	\$13,652
NMFA/WTB 243, Surface Water Transmission Line	\$72,057	\$72,057	\$72,057	\$72,057	\$72,057	\$72,057	\$72,057	\$72,057	\$72,057	\$72,057	\$72,057
NMFA/CI 2770, Water Distribution Armstrong/Enlger	\$1,785	\$1,785	\$1,785	\$1,785	\$1,785	\$1,785	\$1,785	\$1,785	\$1,785	\$1,785	\$1,785
NMFA/DW 2868, AMR System & Phase II SCADA	\$94,459	\$94,459	\$94,459	\$94,459	\$94,459	\$94,459	\$94,459	\$94,459	\$94,459	\$94,459	\$94,459
NMFA/WTB 271, Surface Water Transmission Line	\$82,117	\$82,117	\$82,117	\$82,117	\$82,117	\$82,117	\$82,117	\$82,117	\$82,117	\$82,117	\$82,117
NMFA/CI 2797, Water Distribution DA Road/DA School Road	\$7,668	\$7,668	\$7,668	\$7,668	\$7,668	\$7,668	\$7,668	\$7,668	\$7,668	\$7,668	\$7,668
NMFA/CI 3184, Design Radium Springs Water Distribution	\$510	\$510	\$510	\$510	\$510	\$510	\$510	\$510	\$510	\$510	\$510
NMFA/CI 3177, Design Fairview Water Distribution	\$940	\$940	\$940	\$940	\$940	\$940	\$940	\$940	\$940	\$940	\$940
NMFA/DW 3227, Water Distribution Fairview/Picacho Hills Water Tanks	\$126,136	\$126,136	\$126,136	\$126,136	\$126,136	\$126,136	\$126,136	\$126,136	\$126,136	\$126,136	\$126,136
All New Loans Combined					\$109,537	\$109,537	\$109,537	\$109,537	\$109,537	\$109,537	\$109,537
Loan for Assumed Continuation of Current Level of CIP										\$109,537	\$109,537
Total Debt Payments	\$618,493	\$618,493	\$618,493	\$618,493	\$728,030	\$728,030	\$728,030	\$728,030	\$728,030	\$837,567	\$837,567
CIP Spending Net of Grant/Loan Proceeds and Other External Incomes	\$618,493	\$618,493	\$618,493	\$993,493	\$728,030	\$728,030	\$728,030	\$728,030	\$1,103,030	\$837,567	\$837,567
CIP and Debt Reserve Ending Balance	\$321,238	\$1,219,997	\$1,069,496	\$737,774	\$692,006	\$702,009	\$754,180	\$842,168	\$621,453	\$706,340	\$832,072

Notes: The district has many expensive distribution system improvements to make. Some of these expenses will be funded with reserves, some with loans.

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Table 5 - Capacity Cost Recovery

This table shows tap and capacity fee revenues and costs to expect. From these costs, tap fees and capacity demand charges will be developed in Table 5 and Table 8, respectively.

(First year figures are actual, subsequent years are projected.)

	Infla./De- flation (-) Factor	Year Starting 7/1/14	Year Starting 7/1/15	Year Starting 7/1/16	Year Starting 7/1/17	Year Starting 7/1/18	Year Starting 7/1/19	Year Starting 7/1/20	Year Starting 7/1/21	Year Starting 7/1/22	Year Starting 7/1/23	Year Starting 7/1/24
Tap Fee Revenues												
Customers (Taps) Added During the Year		60	60	60	60	60	60	60	60	60	60	60
Weighted Average Fee per New Tap	3.5%	\$1,398	\$1,469	\$1,888	\$1,954	\$2,022	\$2,093	\$2,166	\$2,242	\$2,321	\$2,402	\$2,486
Total Tap Fee Revenues	N.A.	\$83,876	\$88,137	\$113,271	\$117,236	\$121,339	\$125,586	\$129,982	\$134,531	\$139,240	\$144,113	\$149,157

Operating Costs Associated With Making New Connections

Field Costs for New Connections	4.0%	\$75,000	\$78,000	\$81,120	\$84,365	\$87,739	\$91,249	\$94,899	\$98,695	\$102,643	\$106,748	\$111,018
Administration Costs	4.0%	\$3,000	\$3,120	\$3,245	\$3,375	\$3,510	\$3,650	\$3,796	\$3,948	\$4,106	\$4,270	\$4,441
Total Direct Costs for New Connections		\$78,000	\$81,120	\$84,365	\$87,739	\$91,249	\$94,899	\$98,695	\$102,643	\$106,748	\$111,018	\$115,459

Note: These costs should be recovered by fees charged for making new taps (usually called, "tap fees") regardless of the demand capacity (commonly meter size) of each new tap made.

Net Tap Fee Revenues

Revenues Net of Operating Costs		\$5,876	\$7,017	\$28,907	\$29,497	\$30,090	\$30,687	\$31,287	\$31,888	\$32,491	\$33,095	\$33,698
Cum Rev Net of Operating Costs		\$5,876	\$12,893	\$41,799	\$71,296	\$101,386	\$132,073	\$163,360	\$195,248	\$227,740	\$260,834	\$294,532

Note: Connection charges should almost always cover at least the operating costs to make connections. Thus, cumulative revenues net of operating costs (immediately above) should be positive. If they are negative, you are subsidizing new taps.

Annualized Capacity Cost (Depreciation)

	Total Fixed Assets Book Value	% of Total Attributable to Capacity	Capacity Cost	Annualized Capacity Cost (see Note)
	\$17,619,984	50.0%	\$8,809,992	\$513,430
Totals	\$17,619,984	50.0%	\$8,809,992	\$513,430

Capital Costs Attributable to Growth and Capacity Development (Debt Service, Cash-paid Capital Improvements and/or Depreciation)

	% of CIP Attributable to Capacity
Target % to Recover From Tap Fees	25.0%
Target % to Recover From Capacity Charges	75.0%

Note: Capacity and connection costs WILL be recovered in one way by default, or a combination of ways by design: through regular user fees, in which case existing customers pay the costs to bring on new customers; through "tap" or connection fees, in which case new customers pay "up front" for the costs they cause the system to incur; through on-going demand or capacity charges, preferably based upon meter or connection size, in which case all customers pay for the capacity costs they cause over time; or some combination of these.

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Table 6 - Indicators and Balances

This table depicts the affordability of future rates, the financial health of the system and the ending balances in various accounts for the test year and the next 10 years.

	Starting 7/1/14	Starting 7/1/15	Starting 7/1/16	Starting 7/1/17	Starting 7/1/18	Starting 7/1/19	Starting 7/1/20	Starting 7/1/21	Starting 7/1/22	Starting 7/1/23	Starting 7/1/24	
Capacity Indicators												
Equivalent Final Monthly Bill for a 5,000 gal per Month Residential User Owning 1 Share of Stock	\$27.45	\$27.20	\$28.16	\$29.14	\$30.16	\$31.22	\$32.31	\$33.44	\$34.61	\$35.82	\$37.08	
Annual Median Household Income (AMHI)	\$29,487	\$29,669	\$29,853	\$30,038	\$30,224	\$30,410	\$30,599	\$30,788	\$30,978	\$31,170	\$31,363	
Affordability Index: Current Rates First Column, Then Proposed Rates	1.12%	1.10%	1.13%	1.16%	1.20%	1.23%	1.27%	1.30%	1.34%	1.38%	1.42%	
Affordability Index is the percent of AMHI needed by a 5,000 gallon per month residential user to pay their bill. Rates near 1.0% are common in the U.S. and are generally considered affordable. Federal grant agencies generally will not consider awarding grants if this indicator is less than 2.0%. The above index is only for a 1 share customers but it should be fairly representative of all residential customers.												
Estimated Operating Ratio: Current Rates First Column, Then Proposed Rates	1.51	1.69	1.72	1.37	1.58	1.56	1.56	1.56	1.33	1.51	1.52	
1.0 is break even for Operating Ratio. Below 1.0 indicates operating in the "red." Generally, the operating ratio should be at least 1.15 for large systems, 1.30 or more for medium systems and perhaps as high as 2.0 for small systems.												
Estimated Coverage Ratio: Current Rates First Column, Then Proposed Rates	3.49	4.24	4.31	3.83	3.39	3.46	3.58	3.77	3.52	3.35	3.56	
Coverage Ratio applies only to years with debt service. 1.0 is break even. Generally, the coverage ratio should be at least 1.25.												
Reserves												
	Balance Ending on 6/30/14	Balance Ending on 6/30/15	Balance Ending on 6/30/16	Balance Ending on 6/30/17	Balance Ending on 6/30/18	Balance Ending on 6/30/19	Balance Ending on 6/30/20	Balance Ending on 6/30/21	Balance Ending on 6/30/22	Balance Ending on 6/30/23	Balance Ending on 6/30/24	Balance Ending on 6/30/25
Current Position (Working Capital)	\$1,783,828	\$1,219,897	\$785,418	\$974,961	\$1,010,324	\$1,050,135	\$1,085,855	\$1,126,192	\$1,171,522	\$1,212,421	\$1,258,493	\$1,310,158
CIP and Debt Reserve	\$0	\$321,238	\$1,219,997	\$1,069,496	\$737,774	\$692,006	\$702,009	\$754,180	\$842,168	\$621,453	\$706,340	\$832,072
Meter Deposits (Assets and Liabilities Balance)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Cash Assets (Excluding Dedicated Reserves) Before Inflation	\$1,783,828	\$1,541,136	\$2,005,414	\$2,044,457	\$1,748,098	\$1,742,141	\$1,787,864	\$1,880,372	\$2,013,690	\$1,833,875	\$1,964,833	\$2,142,230
Total Cash Assets (Excluding Dedicated Reserves) Discounted for Inflation (Future Unrestricted Purchasing Power)	\$1,783,828	\$1,541,136	\$2,005,414	\$2,003,568	\$1,678,874	\$1,639,689	\$1,649,069	\$1,699,707	\$1,783,812	\$1,592,033	\$1,671,607	\$1,786,080
Replacement Fund	\$0	\$0	\$87,963	\$171,406	\$250,050	\$323,604	\$391,767	\$454,226	\$510,654	\$560,712	\$604,048	\$640,295
Sum of All Reserves	\$1,783,828	\$1,541,136	\$2,093,378	\$2,215,863	\$1,998,148	\$2,065,745	\$2,179,631	\$2,334,598	\$2,524,344	\$2,394,586	\$2,568,881	\$2,782,525

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Table 7 - Bill Comparisons Before and After Rate Adjustments

This table compares bills for various volumes at the current rates and billing frequency with what the same volumes would cost at the equivalent modeled rates for that same billing frequency. (An "apples to apples" comparison.) Minimum charge surcharges were calculated for these same classes of users and these bills include those surcharges. Bills for customers owning more than 7 shares of stock are not shown simply because there are few such customers and they are spread over several rate classes, which would make this table very cumbersome.

Note: The weighted-average bill increase for all customers combined will be: 2.4%

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Number of Customers With "Maxed Out" Within Each Range	Cumulative Customers Through Each Volume Range	Current Bill for Volume at Bottom of This Range	Modeled Bill for Volume at Bottom of This Range	Bill Increase or Decrease (-) After Rate Adjustment	Percent Increase or Decrease (-) After Rate Adjustment
0.625" Residential <10,000 Gallons	0	999	397	397	\$17.30	\$17.10	-\$0.20	-1%
	1,000	1,999	230	627	\$19.25	\$19.12	-\$0.13	-1%
	2,000	2,999	330	957	\$21.20	\$21.14	-\$0.06	0%
	3,000	3,999	388	1,345	\$23.35	\$23.16	-\$0.19	-1%
	4,000	4,999	377	1,722	\$25.50	\$25.18	-\$0.32	-1%
	5,000	5,999	345	2,067	\$27.65	\$27.88	\$0.23	1%
	6,000	6,999	299	2,366	\$30.02	\$30.57	\$0.55	2%
	7,000	7,999	237	2,603	\$32.39	\$33.26	\$0.87	3%
	8,000	8,999	191	2,794	\$34.76	\$35.96	\$1.20	3%
	9,000	9,999	147	2,941	\$37.13	\$38.65	\$1.52	4%
	10,000	14,999	0	2,941	\$40.33	\$42.24	\$1.91	5%
	15,000	19,999	0	2,941	\$56.33	\$60.19	\$3.86	7%
	20,000	29,999	0	2,941	\$73.23	\$84.11	\$10.88	15%
	30,000	39,999	0	2,941	\$110.43	\$131.96	\$21.53	19%
	40,000	49,999	0	2,941	\$151.23	\$179.81	\$28.58	19%
	50,000	59,999	0	2,941	\$204.23	\$227.66	\$23.43	11%
	60,000	69,999	0	2,941	\$257.23	\$275.51	\$18.28	7%
	70,000	79,999	0	2,941	\$310.23	\$323.36	\$13.13	4%
	80,000	89,999	0	2,941	\$363.23	\$371.21	\$7.98	2%
	90,000	99,999	0	2,941	\$416.23	\$419.06	\$2.83	1%
100,000	109,999	0	2,941	\$469.23	\$466.91	-\$2.32	0%	
110,000	119,999	0	2,941	\$522.23	\$514.76	-\$7.47	-1%	
120,000	129,999	0	2,941	\$575.23	\$562.61	-\$12.62	-2%	
130,000	139,999	0	2,941	\$628.23	\$610.46	-\$17.77	-3%	
140,000	149,999	0	2,941	\$681.23	\$658.32	-\$22.91	-3%	
150,000	159,999	0	2,941	\$734.23	\$706.17	-\$28.06	-4%	
160,000	99,999,999	0	2,941	\$787.23	\$754.02	-\$33.21	-4%	
0.750" Residential <10,000 Gallons	0	999	136	136	\$17.30	\$17.10	-\$0.20	-1%
	1,000	1,999	79	214	\$19.25	\$19.12	-\$0.13	-1%
	2,000	2,999	95	310	\$21.20	\$21.14	-\$0.06	0%
	3,000	3,999	108	418	\$23.35	\$23.16	-\$0.19	-1%
	4,000	4,999	110	527	\$25.50	\$25.18	-\$0.32	-1%
	5,000	5,999	103	630	\$27.65	\$27.88	\$0.23	1%
	6,000	6,999	88	718	\$30.02	\$30.57	\$0.55	2%
	7,000	7,999	72	790	\$32.39	\$33.26	\$0.87	3%
	8,000	8,999	58	849	\$34.76	\$35.96	\$1.20	3%
	9,000	9,999	49	898	\$37.13	\$38.65	\$1.52	4%
	10,000	14,999	0	898	\$40.33	\$42.24	\$1.91	5%
	15,000	19,999	0	898	\$56.33	\$60.19	\$3.86	7%
	20,000	29,999	0	898	\$73.23	\$84.11	\$10.88	15%
	30,000	39,999	0	898	\$110.43	\$131.96	\$21.53	19%
	40,000	49,999	0	898	\$151.23	\$179.81	\$28.58	19%
	50,000	59,999	0	898	\$204.23	\$227.66	\$23.43	11%
	60,000	69,999	0	898	\$257.23	\$275.51	\$18.28	7%
	70,000	79,999	0	898	\$310.23	\$323.36	\$13.13	4%
	80,000	89,999	0	898	\$363.23	\$371.21	\$7.98	2%
	90,000	99,999	0	898	\$416.23	\$419.06	\$2.83	1%
100,000	109,999	0	898	\$469.23	\$466.91	-\$2.32	0%	
110,000	119,999	0	898	\$522.23	\$514.76	-\$7.47	-1%	
120,000	129,999	0	898	\$575.23	\$562.61	-\$12.62	-2%	
130,000	139,999	0	898	\$628.23	\$610.46	-\$17.77	-3%	
140,000	149,999	0	898	\$681.23	\$658.32	-\$22.91	-3%	
150,000	159,999	0	898	\$734.23	\$706.17	-\$28.06	-4%	
160,000	99,999,999	0	898	\$787.23	\$754.02	-\$33.21	-4%	

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Table 7 - Bill Comparisons Before and After Rate Adjustments

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Number of Customers With Volume That "Maxed Out" Within Each Range	Cumulative Customers Through Each Volume Range	Current Bill for Volume at Bottom of This Range	Modeled Bill for Volume at Bottom of This Range	Bill Increase or Decrease (-) After Rate Adjustment	Percent Increase or Decrease (-) After Rate Adjustment
1.000" Residential <10,000 Gallons	0	999	0	0	\$17.30	\$24.13	\$6.83	39%
	1,000	1,999	0	0	\$19.25	\$26.15	\$6.90	36%
	2,000	2,999	1	1	\$21.20	\$28.17	\$6.97	33%
	3,000	3,999	0	2	\$23.35	\$30.19	\$6.84	29%
	4,000	4,999	1	2	\$25.50	\$32.21	\$6.71	26%
	5,000	5,999	0	2	\$27.65	\$34.90	\$7.25	26%
	6,000	6,999	0	3	\$30.02	\$37.59	\$7.57	25%
	7,000	7,999	0	3	\$32.39	\$40.29	\$7.90	24%
	8,000	8,999	0	3	\$34.76	\$42.98	\$8.22	24%
	9,000	9,999	0	3	\$37.13	\$45.67	\$8.54	23%
	10,000	14,999	0	3	\$40.33	\$49.26	\$8.93	22%
	15,000	19,999	0	3	\$56.33	\$67.21	\$10.88	19%
	20,000	29,999	0	3	\$73.23	\$91.14	\$17.91	24%
	30,000	39,999	0	3	\$110.43	\$138.99	\$28.56	26%
	40,000	49,999	0	3	\$151.23	\$186.84	\$35.61	24%
	50,000	59,999	0	3	\$204.23	\$234.69	\$30.46	15%
	60,000	69,999	0	3	\$257.23	\$282.54	\$25.31	10%
	70,000	79,999	0	3	\$310.23	\$330.39	\$20.16	6%
	80,000	89,999	0	3	\$363.23	\$378.24	\$15.01	4%
	90,000	99,999	0	3	\$416.23	\$426.09	\$9.86	2%
100,000	109,999	0	3	\$469.23	\$473.94	\$4.71	1%	
110,000	119,999	0	3	\$522.23	\$521.79	-\$0.44	0%	
120,000	129,999	0	3	\$575.23	\$569.64	-\$5.59	-1%	
130,000	139,999	0	3	\$628.23	\$617.49	-\$10.74	-2%	
140,000	149,999	0	3	\$681.23	\$665.34	-\$15.89	-2%	
150,000	159,999	0	3	\$734.23	\$713.19	-\$21.04	-3%	
160,000	99,999,999	0	3	\$787.23	\$761.04	-\$26.19	-3%	
1.500" Residential <10,000 Gallons	0	999	0	0	\$17.30	\$35.83	\$18.53	107%
	1,000	1,999	0	0	\$19.25	\$37.85	\$18.60	97%
	2,000	2,999	0	0	\$21.20	\$39.87	\$18.67	88%
	3,000	3,999	0	0	\$23.35	\$41.89	\$18.54	79%
	4,000	4,999	0	0	\$25.50	\$43.91	\$18.41	72%
	5,000	5,999	0	0	\$27.65	\$46.61	\$18.96	69%
	6,000	6,999	0	0	\$30.02	\$49.30	\$19.28	64%
	7,000	7,999	0	0	\$32.39	\$51.99	\$19.60	61%
	8,000	8,999	0	0	\$34.76	\$54.69	\$19.93	57%
	9,000	9,999	0	0	\$37.13	\$57.38	\$20.25	55%
	10,000	14,999	0	0	\$40.33	\$60.97	\$20.64	51%
	15,000	19,999	0	0	\$56.33	\$78.92	\$22.59	40%
	20,000	29,999	0	0	\$73.23	\$102.84	\$29.61	40%
	30,000	39,999	0	0	\$110.43	\$150.69	\$40.26	36%
	40,000	49,999	0	0	\$151.23	\$198.54	\$47.31	31%
	50,000	59,999	0	0	\$204.23	\$246.39	\$42.16	21%
	60,000	69,999	0	0	\$257.23	\$294.24	\$37.01	14%
	70,000	79,999	0	0	\$310.23	\$342.09	\$31.86	10%
	80,000	89,999	0	0	\$363.23	\$389.94	\$26.71	7%
	90,000	99,999	0	0	\$416.23	\$437.79	\$21.56	5%
100,000	109,999	0	0	\$469.23	\$485.64	\$16.41	3%	
110,000	119,999	0	0	\$522.23	\$533.49	\$11.26	2%	
120,000	129,999	0	0	\$575.23	\$581.35	\$6.12	1%	
130,000	139,999	0	0	\$628.23	\$629.20	\$0.97	0%	
140,000	149,999	0	0	\$681.23	\$677.05	-\$4.18	-1%	
150,000	159,999	0	0	\$734.23	\$724.90	-\$9.33	-1%	
160,000	99,999,999	0	0	\$787.23	\$772.75	-\$14.48	-2%	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 7 - Bill Comparisons Before and After Rate Adjustments

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Number of Customers With Volume That "Maxed Out" Within Each Range	Cumulative Customers Through Each Volume Range	Current Bill for Volume at Bottom of This Range	Modeled Bill for Volume at Bottom of This Range	Bill Increase or Decrease (-) After Rate Adjustment	Percent Increase or Decrease (-) After Rate Adjustment
2.000" Residential <10,000 Gallons	0	999	2	2	\$17.30	\$87.34	\$70.04	405%
	1,000	1,999	0	3	\$19.25	\$89.36	\$70.11	364%
	2,000	2,999	1	3	\$21.20	\$91.38	\$70.18	331%
	3,000	3,999	0	4	\$23.35	\$93.40	\$70.05	300%
	4,000	4,999	0	4	\$25.50	\$95.42	\$69.92	274%
	5,000	5,999	0	4	\$27.65	\$98.12	\$70.47	255%
	6,000	6,999	0	4	\$30.02	\$100.81	\$70.79	236%
	7,000	7,999	1	5	\$32.39	\$103.50	\$71.11	220%
	8,000	8,999	0	5	\$34.76	\$106.19	\$71.43	206%
	9,000	9,999	0	5	\$37.13	\$108.89	\$71.76	193%
	10,000	14,999	0	5	\$40.33	\$112.48	\$72.15	179%
	15,000	19,999	0	5	\$56.33	\$130.43	\$74.10	132%
	20,000	29,999	0	5	\$73.23	\$154.35	\$81.12	111%
	30,000	39,999	0	5	\$110.43	\$202.20	\$91.77	83%
	40,000	49,999	0	5	\$151.23	\$250.05	\$98.82	65%
	50,000	59,999	0	5	\$204.23	\$297.90	\$93.67	46%
	60,000	69,999	0	5	\$257.23	\$345.75	\$88.52	34%
	70,000	79,999	0	5	\$310.23	\$393.60	\$83.37	27%
	80,000	89,999	0	5	\$363.23	\$441.45	\$78.22	22%
	90,000	99,999	0	5	\$416.23	\$489.30	\$73.07	18%
100,000	109,999	0	5	\$469.23	\$537.15	\$67.92	14%	
110,000	119,999	0	5	\$522.23	\$585.00	\$62.77	12%	
120,000	129,999	0	5	\$575.23	\$632.85	\$57.62	10%	
130,000	139,999	0	5	\$628.23	\$680.70	\$52.47	8%	
140,000	149,999	0	5	\$681.23	\$728.55	\$47.32	7%	
150,000	159,999	0	5	\$734.23	\$776.41	\$42.18	6%	
160,000	99,999,999	0	5	\$787.23	\$824.26	\$37.03	5%	
0.625" Residential >=10,000 Gallons	0	999	0	0	\$22.49	\$17.10	-\$5.39	-24%
	1,000	1,999	0	0	\$24.44	\$19.12	-\$5.32	-22%
	2,000	2,999	0	0	\$26.39	\$21.14	-\$5.25	-20%
	3,000	3,999	0	0	\$28.54	\$23.16	-\$5.38	-19%
	4,000	4,999	0	0	\$30.69	\$25.18	-\$5.51	-18%
	5,000	5,999	0	0	\$32.84	\$27.88	-\$4.96	-15%
	6,000	6,999	0	0	\$35.21	\$30.57	-\$4.64	-13%
	7,000	7,999	0	0	\$37.58	\$33.26	-\$4.32	-11%
	8,000	8,999	0	0	\$39.95	\$35.96	-\$3.99	-10%
	9,000	9,999	0	0	\$42.32	\$38.65	-\$3.67	-9%
	10,000	14,999	445	445	\$45.52	\$42.24	-\$3.28	-7%
	15,000	19,999	204	649	\$61.52	\$60.19	-\$1.33	-2%
	20,000	29,999	178	827	\$78.42	\$84.11	\$5.69	7%
	30,000	39,999	65	892	\$115.62	\$131.96	\$16.34	14%
	40,000	49,999	26	917	\$156.42	\$179.81	\$23.39	15%
	50,000	59,999	13	930	\$209.42	\$227.66	\$18.24	9%
	60,000	69,999	6	936	\$262.42	\$275.51	\$13.09	5%
	70,000	79,999	3	940	\$315.42	\$323.36	\$7.94	3%
	80,000	89,999	2	941	\$368.42	\$371.21	\$2.79	1%
	90,000	99,999	1	942	\$421.42	\$419.06	-\$2.36	-1%
100,000	109,999	1	943	\$474.42	\$466.91	-\$7.51	-2%	
110,000	119,999	1	943	\$527.42	\$514.76	-\$12.66	-2%	
120,000	129,999	1	944	\$580.42	\$562.61	-\$17.81	-3%	
130,000	139,999	0	944	\$633.42	\$610.46	-\$22.96	-4%	
140,000	149,999	0	944	\$686.42	\$658.32	-\$28.10	-4%	
150,000	159,999	0	944	\$739.42	\$706.17	-\$33.25	-4%	
160,000	99,999,999	0	945	\$792.42	\$754.02	-\$38.40	-5%	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 7 - Bill Comparisons Before and After Rate Adjustments

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Number of Customers With Volume That "Maxed Out" Within Each Range	Cumulative Customers Through Each Volume Range	Current Bill for Volume at Bottom of This Range	Modeled Bill for Volume at Bottom of This Range	Bill Increase or Decrease (-) After Rate Adjustment	Percent Increase or Decrease (-) After Rate Adjustment
0.750" Residential >=10,000 Gallons	0	999	0	0	\$22.49	\$17.10	-\$5.39	-24%
	1,000	1,999	0	0	\$24.44	\$19.12	-\$5.32	-22%
	2,000	2,999	0	0	\$26.39	\$21.14	-\$5.25	-20%
	3,000	3,999	0	0	\$28.54	\$23.16	-\$5.38	-19%
	4,000	4,999	0	0	\$30.69	\$25.18	-\$5.51	-18%
	5,000	5,999	0	0	\$32.84	\$27.88	-\$4.96	-15%
	6,000	6,999	0	0	\$35.21	\$30.57	-\$4.64	-13%
	7,000	7,999	0	0	\$37.58	\$33.26	-\$4.32	-11%
	8,000	8,999	0	0	\$39.95	\$35.96	-\$3.99	-10%
	9,000	9,999	0	0	\$42.32	\$38.65	-\$3.67	-9%
	10,000	14,999	153	153	\$45.52	\$42.24	-\$3.28	-7%
	15,000	19,999	74	227	\$61.52	\$60.19	-\$1.33	-2%
	20,000	29,999	65	292	\$78.42	\$84.11	\$5.69	7%
	30,000	39,999	25	317	\$115.62	\$131.96	\$16.34	14%
	40,000	49,999	12	329	\$156.42	\$179.81	\$23.39	15%
	50,000	59,999	5	334	\$209.42	\$227.66	\$18.24	9%
	60,000	69,999	4	338	\$262.42	\$275.51	\$13.09	5%
	70,000	79,999	2	340	\$315.42	\$323.36	\$7.94	3%
	80,000	89,999	1	341	\$368.42	\$371.21	\$2.79	1%
	90,000	99,999	0	341	\$421.42	\$419.06	-\$2.36	-1%
100,000	109,999	0	341	\$474.42	\$466.91	-\$7.51	-2%	
110,000	119,999	0	342	\$527.42	\$514.76	-\$12.66	-2%	
120,000	129,999	0	342	\$580.42	\$562.61	-\$17.81	-3%	
130,000	139,999	0	342	\$633.42	\$610.46	-\$22.96	-4%	
140,000	149,999	0	342	\$686.42	\$658.32	-\$28.10	-4%	
150,000	159,999	0	342	\$739.42	\$706.17	-\$33.25	-4%	
160,000	99,999,999	1	342	\$792.42	\$754.02	-\$38.40	-5%	
1.000" Residential >=10,000 Gallons	0	999	0	0	\$22.49	\$24.13	\$1.64	7%
	1,000	1,999	0	0	\$24.44	\$26.15	\$1.71	7%
	2,000	2,999	0	0	\$26.39	\$28.17	\$1.78	7%
	3,000	3,999	0	0	\$28.54	\$30.19	\$1.65	6%
	4,000	4,999	0	0	\$30.69	\$32.21	\$1.52	5%
	5,000	5,999	0	0	\$32.84	\$34.90	\$2.06	6%
	6,000	6,999	0	0	\$35.21	\$37.59	\$2.38	7%
	7,000	7,999	0	0	\$37.58	\$40.29	\$2.71	7%
	8,000	8,999	0	0	\$39.95	\$42.98	\$3.03	8%
	9,000	9,999	0	0	\$42.32	\$45.67	\$3.35	8%
	10,000	14,999	1	1	\$45.52	\$49.26	\$3.74	8%
	15,000	19,999	1	1	\$61.52	\$67.21	\$5.69	9%
	20,000	29,999	1	2	\$78.42	\$91.14	\$12.72	16%
	30,000	39,999	0	2	\$115.62	\$138.99	\$23.37	20%
	40,000	49,999	0	2	\$156.42	\$186.84	\$30.42	19%
	50,000	59,999	0	3	\$209.42	\$234.69	\$25.27	12%
	60,000	69,999	0	3	\$262.42	\$282.54	\$20.12	8%
	70,000	79,999	0	3	\$315.42	\$330.39	\$14.97	5%
	80,000	89,999	0	3	\$368.42	\$378.24	\$9.82	3%
	90,000	99,999	0	3	\$421.42	\$426.09	\$4.67	1%
100,000	109,999	0	3	\$474.42	\$473.94	-\$0.48	0%	
110,000	119,999	0	3	\$527.42	\$521.79	-\$5.63	-1%	
120,000	129,999	0	3	\$580.42	\$569.64	-\$10.78	-2%	
130,000	139,999	0	3	\$633.42	\$617.49	-\$15.93	-3%	
140,000	149,999	0	3	\$686.42	\$665.34	-\$21.08	-3%	
150,000	159,999	0	3	\$739.42	\$713.19	-\$26.23	-4%	
160,000	99,999,999	0	3	\$792.42	\$761.04	-\$31.38	-4%	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 7 - Bill Comparisons Before and After Rate Adjustments

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Number of Customers With Volume That "Maxed Out" Within Each Range	Cumulative Customers Through Each Volume Range	Current Bill for Volume at Bottom of This Range	Modeled Bill for Volume at Bottom of This Range	Bill Increase or Decrease (-) After Rate Adjustment	Percent Increase or Decrease (-) After Rate Adjustment
1.500" Residential >=10,000 Gallons	0	999	0	0	\$22.49	\$35.83	\$13.34	59%
	1,000	1,999	0	0	\$24.44	\$37.85	\$13.41	55%
	2,000	2,999	0	0	\$26.39	\$39.87	\$13.48	51%
	3,000	3,999	0	0	\$28.54	\$41.89	\$13.35	47%
	4,000	4,999	0	0	\$30.69	\$43.91	\$13.22	43%
	5,000	5,999	0	0	\$32.84	\$46.61	\$13.77	42%
	6,000	6,999	0	0	\$35.21	\$49.30	\$14.09	40%
	7,000	7,999	0	0	\$37.58	\$51.99	\$14.41	38%
	8,000	8,999	0	0	\$39.95	\$54.69	\$14.74	37%
	9,000	9,999	0	0	\$42.32	\$57.38	\$15.06	36%
	10,000	14,999	0	0	\$45.52	\$60.97	\$15.45	34%
	15,000	19,999	0	0	\$61.52	\$78.92	\$17.40	28%
	20,000	29,999	0	0	\$78.42	\$102.84	\$24.42	31%
	30,000	39,999	0	1	\$115.62	\$150.69	\$35.07	30%
	40,000	49,999	0	1	\$156.42	\$198.54	\$42.12	27%
	50,000	59,999	0	1	\$209.42	\$246.39	\$36.97	18%
	60,000	69,999	0	1	\$262.42	\$294.24	\$31.82	12%
	70,000	79,999	0	1	\$315.42	\$342.09	\$26.67	8%
	80,000	89,999	0	1	\$368.42	\$389.94	\$21.52	6%
	90,000	99,999	0	1	\$421.42	\$437.79	\$16.37	4%
100,000	109,999	0	1	\$474.42	\$485.64	\$11.22	2%	
110,000	119,999	0	1	\$527.42	\$533.49	\$6.07	1%	
120,000	129,999	0	1	\$580.42	\$581.35	\$0.93	0%	
130,000	139,999	0	1	\$633.42	\$629.20	-\$4.22	-1%	
140,000	149,999	0	1	\$686.42	\$677.05	-\$9.37	-1%	
150,000	159,999	0	1	\$739.42	\$724.90	-\$14.52	-2%	
160,000	99,999,999	0	1	\$792.42	\$772.75	-\$19.67	-2%	
2.000" Residential >=10,000 Gallons	0	999	0	0	\$22.49	\$87.34	\$64.85	288%
	1,000	1,999	0	0	\$24.44	\$89.36	\$64.92	266%
	2,000	2,999	0	0	\$26.39	\$91.38	\$64.99	246%
	3,000	3,999	0	0	\$28.54	\$93.40	\$64.86	227%
	4,000	4,999	0	0	\$30.69	\$95.42	\$64.73	211%
	5,000	5,999	0	0	\$32.84	\$98.12	\$65.28	199%
	6,000	6,999	0	0	\$35.21	\$100.81	\$65.60	186%
	7,000	7,999	0	0	\$37.58	\$103.50	\$65.92	175%
	8,000	8,999	0	0	\$39.95	\$106.19	\$66.24	166%
	9,000	9,999	0	0	\$42.32	\$108.89	\$66.57	157%
	10,000	14,999	1	1	\$45.52	\$112.48	\$66.96	147%
	15,000	19,999	1	2	\$61.52	\$130.43	\$68.91	112%
	20,000	29,999	1	3	\$78.42	\$154.35	\$75.93	97%
	30,000	39,999	0	3	\$115.62	\$202.20	\$86.58	75%
	40,000	49,999	0	3	\$156.42	\$250.05	\$93.63	60%
	50,000	59,999	0	3	\$209.42	\$297.90	\$88.48	42%
	60,000	69,999	0	3	\$262.42	\$345.75	\$83.33	32%
	70,000	79,999	0	3	\$315.42	\$393.60	\$78.18	25%
	80,000	89,999	0	3	\$368.42	\$441.45	\$73.03	20%
	90,000	99,999	0	3	\$421.42	\$489.30	\$67.88	16%
100,000	109,999	0	3	\$474.42	\$537.15	\$62.73	13%	
110,000	119,999	0	3	\$527.42	\$585.00	\$57.58	11%	
120,000	129,999	0	3	\$580.42	\$632.85	\$52.43	9%	
130,000	139,999	0	3	\$633.42	\$680.70	\$47.28	7%	
140,000	149,999	0	3	\$686.42	\$728.55	\$42.13	6%	
150,000	159,999	0	3	\$739.42	\$776.41	\$36.99	5%	
160,000	99,999,999	0	4	\$792.42	\$824.26	\$31.84	4%	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 7 - Bill Comparisons Before and After Rate Adjustments

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Number of Customers With Volume That "Maxed Out" Within Each Range	Cumulative Customers Through Each Volume Range	Current Bill for Volume at Bottom of This Range	Modeled Bill for Volume at Bottom of This Range	Bill Increase or Decrease (-) After Rate Adjustment	Percent Increase or Decrease (-) After Rate Adjustment
0.625" Commercial	0	999	0	0	\$22.49	\$17.10	-\$5.39	-24%
	1,000	1,999	0	0	\$24.44	\$19.12	-\$5.32	-22%
	2,000	2,999	1	1	\$26.39	\$21.14	-\$5.25	-20%
	3,000	3,999	1	2	\$28.54	\$23.16	-\$5.38	-19%
	4,000	4,999	0	2	\$30.69	\$25.18	-\$5.51	-18%
	5,000	5,999	0	2	\$32.84	\$27.88	-\$4.96	-15%
	6,000	6,999	0	2	\$35.21	\$30.57	-\$4.64	-13%
	7,000	7,999	1	3	\$37.58	\$33.26	-\$4.32	-11%
	8,000	8,999	0	3	\$39.95	\$35.96	-\$3.99	-10%
	9,000	9,999	0	3	\$42.32	\$38.65	-\$3.67	-9%
	10,000	14,999	0	3	\$45.52	\$42.24	-\$3.28	-7%
	15,000	19,999	0	3	\$61.52	\$60.19	-\$1.33	-2%
	20,000	29,999	1	4	\$78.42	\$84.11	\$5.69	7%
	30,000	39,999	0	4	\$115.62	\$131.96	\$16.34	14%
	40,000	49,999	0	4	\$156.42	\$179.81	\$23.39	15%
	50,000	59,999	0	4	\$209.42	\$227.66	\$18.24	9%
	60,000	69,999	0	4	\$262.42	\$275.51	\$13.09	5%
	70,000	79,999	0	4	\$315.42	\$323.36	\$7.94	3%
	80,000	89,999	0	4	\$368.42	\$371.21	\$2.79	1%
	90,000	99,999	0	4	\$421.42	\$419.06	-\$2.36	-1%
100,000	109,999	0	4	\$474.42	\$466.91	-\$7.51	-2%	
110,000	119,999	0	4	\$527.42	\$514.76	-\$12.66	-2%	
120,000	129,999	0	4	\$580.42	\$562.61	-\$17.81	-3%	
130,000	139,999	0	4	\$633.42	\$610.46	-\$22.96	-4%	
140,000	149,999	0	4	\$686.42	\$658.32	-\$28.10	-4%	
150,000	159,999	0	4	\$739.42	\$706.17	-\$33.25	-4%	
160,000	99,999,999	0	4	\$792.42	\$754.02	-\$38.40	-5%	
0.750" Commercial	0	999	27	27	\$22.49	\$17.10	-\$5.39	-24%
	1,000	1,999	6	33	\$24.44	\$19.12	-\$5.32	-22%
	2,000	2,999	3	36	\$26.39	\$21.14	-\$5.25	-20%
	3,000	3,999	3	39	\$28.54	\$23.16	-\$5.38	-19%
	4,000	4,999	3	42	\$30.69	\$25.18	-\$5.51	-18%
	5,000	5,999	3	44	\$32.84	\$27.88	-\$4.96	-15%
	6,000	6,999	2	46	\$35.21	\$30.57	-\$4.64	-13%
	7,000	7,999	1	47	\$37.58	\$33.26	-\$4.32	-11%
	8,000	8,999	2	49	\$39.95	\$35.96	-\$3.99	-10%
	9,000	9,999	2	52	\$42.32	\$38.65	-\$3.67	-9%
	10,000	14,999	3	55	\$45.52	\$42.24	-\$3.28	-7%
	15,000	19,999	1	56	\$61.52	\$60.19	-\$1.33	-2%
	20,000	29,999	1	57	\$78.42	\$84.11	\$5.69	7%
	30,000	39,999	1	57	\$115.62	\$131.96	\$16.34	14%
	40,000	49,999	0	57	\$156.42	\$179.81	\$23.39	15%
	50,000	59,999	0	58	\$209.42	\$227.66	\$18.24	9%
	60,000	69,999	0	58	\$262.42	\$275.51	\$13.09	5%
	70,000	79,999	0	58	\$315.42	\$323.36	\$7.94	3%
	80,000	89,999	0	58	\$368.42	\$371.21	\$2.79	1%
	90,000	99,999	0	58	\$421.42	\$419.06	-\$2.36	-1%
100,000	109,999	0	58	\$474.42	\$466.91	-\$7.51	-2%	
110,000	119,999	0	58	\$527.42	\$514.76	-\$12.66	-2%	
120,000	129,999	0	58	\$580.42	\$562.61	-\$17.81	-3%	
130,000	139,999	0	58	\$633.42	\$610.46	-\$22.96	-4%	
140,000	149,999	0	58	\$686.42	\$658.32	-\$28.10	-4%	
150,000	159,999	0	58	\$739.42	\$706.17	-\$33.25	-4%	
160,000	99,999,999	1	59	\$792.42	\$754.02	-\$38.40	-5%	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 7 - Bill Comparisons Before and After Rate Adjustments

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Number of Customers With Volume That "Maxed Out" Within Each Range	Cumulative Customers Through Each Volume Range	Current Bill for Volume at Bottom of This Range	Modeled Bill for Volume at Bottom of This Range	Bill Increase or Decrease (-) After Rate Adjustment	Percent Increase or Decrease (-) After Rate Adjustment
1.000" Commercial	0	999	6	6	\$22.49	\$24.13	\$1.64	7%
	1,000	1,999	2	8	\$24.44	\$26.15	\$1.71	7%
	2,000	2,999	2	9	\$26.39	\$28.17	\$1.78	7%
	3,000	3,999	2	11	\$28.54	\$30.19	\$1.65	6%
	4,000	4,999	2	13	\$30.69	\$32.21	\$1.52	5%
	5,000	5,999	1	13	\$32.84	\$34.90	\$2.06	6%
	6,000	6,999	1	14	\$35.21	\$37.59	\$2.38	7%
	7,000	7,999	0	15	\$37.58	\$40.29	\$2.71	7%
	8,000	8,999	0	15	\$39.95	\$42.98	\$3.03	8%
	9,000	9,999	0	15	\$42.32	\$45.67	\$3.35	8%
	10,000	14,999	1	17	\$45.52	\$49.26	\$3.74	8%
	15,000	19,999	3	20	\$61.52	\$67.21	\$5.69	9%
	20,000	29,999	2	22	\$78.42	\$91.14	\$12.72	16%
	30,000	39,999	1	23	\$115.62	\$138.99	\$23.37	20%
	40,000	49,999	1	24	\$156.42	\$186.84	\$30.42	19%
	50,000	59,999	0	24	\$209.42	\$234.69	\$25.27	12%
	60,000	69,999	0	24	\$262.42	\$282.54	\$20.12	8%
	70,000	79,999	0	24	\$315.42	\$330.39	\$14.97	5%
	80,000	89,999	0	24	\$368.42	\$378.24	\$9.82	3%
	90,000	99,999	0	24	\$421.42	\$426.09	\$4.67	1%
100,000	109,999	0	24	\$474.42	\$473.94	-\$0.48	0%	
110,000	119,999	0	24	\$527.42	\$521.79	-\$5.63	-1%	
120,000	129,999	0	24	\$580.42	\$569.64	-\$10.78	-2%	
130,000	139,999	0	24	\$633.42	\$617.49	-\$15.93	-3%	
140,000	149,999	0	24	\$686.42	\$665.34	-\$21.08	-3%	
150,000	159,999	0	24	\$739.42	\$713.19	-\$26.23	-4%	
160,000	99,999,999	1	25	\$792.42	\$761.04	-\$31.38	-4%	
1.500" Commercial	0	999	0	0	\$22.49	\$35.83	\$13.34	59%
	1,000	1,999	0	0	\$24.44	\$37.85	\$13.41	55%
	2,000	2,999	0	0	\$26.39	\$39.87	\$13.48	51%
	3,000	3,999	0	0	\$28.54	\$41.89	\$13.35	47%
	4,000	4,999	0	0	\$30.69	\$43.91	\$13.22	43%
	5,000	5,999	0	0	\$32.84	\$46.61	\$13.77	42%
	6,000	6,999	0	0	\$35.21	\$49.30	\$14.09	40%
	7,000	7,999	0	0	\$37.58	\$51.99	\$14.41	38%
	8,000	8,999	0	0	\$39.95	\$54.69	\$14.74	37%
	9,000	9,999	0	0	\$42.32	\$57.38	\$15.06	36%
	10,000	14,999	0	0	\$45.52	\$60.97	\$15.45	34%
	15,000	19,999	0	0	\$61.52	\$78.92	\$17.40	28%
	20,000	29,999	0	0	\$78.42	\$102.84	\$24.42	31%
	30,000	39,999	0	0	\$115.62	\$150.69	\$35.07	30%
	40,000	49,999	0	0	\$156.42	\$198.54	\$42.12	27%
	50,000	59,999	0	0	\$209.42	\$246.39	\$36.97	18%
	60,000	69,999	0	0	\$262.42	\$294.24	\$31.82	12%
	70,000	79,999	0	0	\$315.42	\$342.09	\$26.67	8%
	80,000	89,999	0	0	\$368.42	\$389.94	\$21.52	6%
	90,000	99,999	0	0	\$421.42	\$437.79	\$16.37	4%
100,000	109,999	0	0	\$474.42	\$485.64	\$11.22	2%	
110,000	119,999	0	0	\$527.42	\$533.49	\$6.07	1%	
120,000	129,999	0	0	\$580.42	\$581.35	\$0.93	0%	
130,000	139,999	0	0	\$633.42	\$629.20	-\$4.22	-1%	
140,000	149,999	0	0	\$686.42	\$677.05	-\$9.37	-1%	
150,000	159,999	0	0	\$739.42	\$724.90	-\$14.52	-2%	
160,000	99,999,999	0	0	\$792.42	\$772.75	-\$19.67	-2%	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 7 - Bill Comparisons Before and After Rate Adjustments

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Number of Customers With Volume That "Maxed Out" Within Each Range	Cumulative Customers Through Each Volume Range	Current Bill for Volume at Bottom of This Range	Modeled Bill for Volume at Bottom of This Range	Bill Increase or Decrease (-) After Rate Adjustment	Percent Increase or Decrease (-) After Rate Adjustment
2.000" Commercial	0	999	8	8	\$22.49	\$87.34	\$64.85	288%
	1,000	1,999	1	9	\$24.44	\$89.36	\$64.92	266%
	2,000	2,999	0	9	\$26.39	\$91.38	\$64.99	246%
	3,000	3,999	1	11	\$28.54	\$93.40	\$64.86	227%
	4,000	4,999	1	11	\$30.69	\$95.42	\$64.73	211%
	5,000	5,999	1	12	\$32.84	\$98.12	\$65.28	199%
	6,000	6,999	0	12	\$35.21	\$100.81	\$65.60	186%
	7,000	7,999	1	13	\$37.58	\$103.50	\$65.92	175%
	8,000	8,999	0	13	\$39.95	\$106.19	\$66.24	166%
	9,000	9,999	0	13	\$42.32	\$108.89	\$66.57	157%
	10,000	14,999	1	15	\$45.52	\$112.48	\$66.96	147%
	15,000	19,999	2	16	\$61.52	\$130.43	\$68.91	112%
	20,000	29,999	2	18	\$78.42	\$154.35	\$75.93	97%
	30,000	39,999	1	20	\$115.62	\$202.20	\$86.58	75%
	40,000	49,999	1	21	\$156.42	\$250.05	\$93.63	60%
	50,000	59,999	0	22	\$209.42	\$297.90	\$88.48	42%
	60,000	69,999	0	22	\$262.42	\$345.75	\$83.33	32%
	70,000	79,999	0	22	\$315.42	\$393.60	\$78.18	25%
	80,000	89,999	1	22	\$368.42	\$441.45	\$73.03	20%
	90,000	99,999	0	23	\$421.42	\$489.30	\$67.88	16%
100,000	109,999	0	23	\$474.42	\$537.15	\$62.73	13%	
110,000	119,999	0	24	\$527.42	\$585.00	\$57.58	11%	
120,000	129,999	0	24	\$580.42	\$632.85	\$52.43	9%	
130,000	139,999	0	24	\$633.42	\$680.70	\$47.28	7%	
140,000	149,999	0	24	\$686.42	\$728.55	\$42.13	6%	
150,000	159,999	0	24	\$739.42	\$776.41	\$36.99	5%	
160,000	99,999,999	1	25	\$792.42	\$824.26	\$31.84	4%	
3.000" Commercial	0	999	1	1	\$22.49	\$216.12	\$193.63	861%
	1,000	1,999	1	1	\$24.44	\$218.14	\$193.70	793%
	2,000	2,999	0	1	\$26.39	\$220.16	\$193.77	734%
	3,000	3,999	0	1	\$28.54	\$222.18	\$193.64	678%
	4,000	4,999	0	1	\$30.69	\$224.20	\$193.51	631%
	5,000	5,999	0	1	\$32.84	\$226.89	\$194.05	591%
	6,000	6,999	0	1	\$35.21	\$229.58	\$194.37	552%
	7,000	7,999	0	1	\$37.58	\$232.27	\$194.69	518%
	8,000	8,999	0	1	\$39.95	\$234.97	\$195.02	488%
	9,000	9,999	0	1	\$42.32	\$237.66	\$195.34	462%
	10,000	14,999	0	1	\$45.52	\$241.25	\$195.73	430%
	15,000	19,999	0	1	\$61.52	\$259.20	\$197.68	321%
	20,000	29,999	0	1	\$78.42	\$283.12	\$204.70	261%
	30,000	39,999	0	1	\$115.62	\$330.97	\$215.35	186%
	40,000	49,999	0	1	\$156.42	\$378.82	\$222.40	142%
	50,000	59,999	0	1	\$209.42	\$426.67	\$217.25	104%
	60,000	69,999	0	1	\$262.42	\$474.53	\$212.11	81%
	70,000	79,999	0	1	\$315.42	\$522.38	\$206.96	66%
	80,000	89,999	0	1	\$368.42	\$570.23	\$201.81	55%
	90,000	99,999	0	1	\$421.42	\$618.08	\$196.66	47%
100,000	109,999	0	1	\$474.42	\$665.93	\$191.51	40%	
110,000	119,999	0	1	\$527.42	\$713.78	\$186.36	35%	
120,000	129,999	0	1	\$580.42	\$761.63	\$181.21	31%	
130,000	139,999	0	1	\$633.42	\$809.48	\$176.06	28%	
140,000	149,999	0	1	\$686.42	\$857.33	\$170.91	25%	
150,000	159,999	0	1	\$739.42	\$905.18	\$165.76	22%	
160,000	99,999,999	1	2	\$792.42	\$953.03	\$160.61	20%	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 7 - Bill Comparisons Before and After Rate Adjustments

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Number of Customers With Volume That "Maxed Out" Within Each Range	Cumulative Customers Through Each Volume Range	Current Bill for Volume at Bottom of This Range	Modeled Bill for Volume at Bottom of This Range	Bill Increase or Decrease (-) After Rate Adjustment	Percent Increase or Decrease (-) After Rate Adjustment
4.000" Commercial	0	999	1	1	\$22.49	\$363.62	\$341.13	1517%
	1,000	1,999	0	1	\$24.44	\$365.64	\$341.20	1396%
	2,000	2,999	0	1	\$26.39	\$367.66	\$341.27	1293%
	3,000	3,999	0	1	\$28.54	\$369.68	\$341.14	1195%
	4,000	4,999	0	1	\$30.69	\$371.70	\$341.01	1111%
	5,000	5,999	0	1	\$32.84	\$374.39	\$341.55	1040%
	6,000	6,999	0	1	\$35.21	\$377.09	\$341.88	971%
	7,000	7,999	0	1	\$37.58	\$379.78	\$342.20	911%
	8,000	8,999	0	1	\$39.95	\$382.47	\$342.52	857%
	9,000	9,999	0	1	\$42.32	\$385.16	\$342.84	810%
	10,000	14,999	0	1	\$45.52	\$388.75	\$343.23	754%
	15,000	19,999	0	2	\$61.52	\$406.70	\$345.18	561%
	20,000	29,999	1	2	\$78.42	\$430.63	\$352.21	449%
	30,000	39,999	0	2	\$115.62	\$478.48	\$362.86	314%
	40,000	49,999	0	3	\$156.42	\$526.33	\$369.91	236%
	50,000	59,999	1	3	\$209.42	\$574.18	\$364.76	174%
	60,000	69,999	0	4	\$262.42	\$622.03	\$359.61	137%
	70,000	79,999	0	4	\$315.42	\$669.88	\$354.46	112%
	80,000	89,999	0	4	\$368.42	\$717.73	\$349.31	95%
	90,000	99,999	0	4	\$421.42	\$765.58	\$344.16	82%
100,000	109,999	0	4	\$474.42	\$813.43	\$339.01	71%	
110,000	119,999	0	4	\$527.42	\$861.28	\$333.86	63%	
120,000	129,999	0	4	\$580.42	\$909.13	\$328.71	57%	
130,000	139,999	0	4	\$633.42	\$956.98	\$323.56	51%	
140,000	149,999	0	4	\$686.42	\$1,004.83	\$318.41	46%	
150,000	159,999	0	4	\$739.42	\$1,052.68	\$313.26	42%	
160,000	99,999,999	0	4	\$792.42	\$1,100.53	\$308.11	39%	
Hydrant 2" Meter Bulk Users	0	999	0	0	\$22.49	\$87.34	\$64.85	288%
	1,000	1,999	0	0	\$24.44	\$89.36	\$64.92	266%
	2,000	2,999	0	0	\$26.39	\$91.38	\$64.99	246%
	3,000	3,999	0	0	\$28.54	\$93.40	\$64.86	227%
	4,000	4,999	0	0	\$30.69	\$95.42	\$64.73	211%
	5,000	5,999	0	0	\$32.84	\$98.12	\$65.28	199%
	6,000	6,999	0	0	\$35.21	\$100.81	\$65.60	186%
	7,000	7,999	0	0	\$37.58	\$103.50	\$65.92	175%
	8,000	8,999	0	0	\$39.95	\$106.19	\$66.24	166%
	9,000	9,999	0	0	\$42.32	\$108.89	\$66.57	157%
	10,000	14,999	0	0	\$45.52	\$112.48	\$66.96	147%
	15,000	19,999	0	0	\$61.52	\$130.43	\$68.91	112%
	20,000	29,999	0	0	\$78.42	\$154.35	\$75.93	97%
	30,000	39,999	0	0	\$115.62	\$202.20	\$86.58	75%
	40,000	49,999	0	0	\$156.42	\$250.05	\$93.63	60%
	50,000	59,999	0	0	\$209.42	\$297.90	\$88.48	42%
	60,000	69,999	0	0	\$262.42	\$345.75	\$83.33	32%
	70,000	79,999	0	0	\$315.42	\$393.60	\$78.18	25%
	80,000	89,999	0	0	\$368.42	\$441.45	\$73.03	20%
	90,000	99,999	0	0	\$421.42	\$489.30	\$67.88	16%
100,000	109,999	0	0	\$474.42	\$537.15	\$62.73	13%	
110,000	119,999	0	0	\$527.42	\$585.00	\$57.58	11%	
120,000	129,999	0	0	\$580.42	\$632.85	\$52.43	9%	
130,000	139,999	0	0	\$633.42	\$680.70	\$47.28	7%	
140,000	149,999	0	0	\$686.42	\$728.55	\$42.13	6%	
150,000	159,999	0	0	\$739.42	\$776.41	\$36.99	5%	
160,000	99,999,999	0	0	\$792.42	\$824.26	\$31.84	4%	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 8 - Rate Statistics

This table shows measures of equitability of the rates as modeled in Table 11.

If your rates are absolutely proportional to use on a volumetric basis, your % of usage and % of revenues figures will be the same within all the classes. That is not possible if you have any minimum charge and having no minimum charge is almost unheard of.

Normally, the % of usage figure will be lower than the % of revenue for the lower volumes of use. That will switch for the higher volumes of use. Even for declining rate structures, this switch should occur near the volume of the average residential user, typically near 5,000 gallons/month (668 cu ft).

In urban and suburban areas the average monthly use for residential or general customers can be twice that used by their rural and "old town" counterparts. Use is largely dependent upon who lives in a community. Older people living in longer established neighborhoods tend to use less volume than younger people living in more recently developed areas. As you make comparisons between different customers and customer classes, keep that, and the following in mind:

4,398 in 1,000 Gallons Billable units - This is the average residential customer's usage per Monthly billing cycle.

Usage allowance is the volume "given away" with the minimum charge. The higher the allowance, the less volume the utility can sell to generate income.

590,835,634 in 1,000 Gallons Billable units - This is the volume metered through customer meters that was available to be sold by the utility during the test year.

0 in 1,000 Gallons Billable units - This is the volume metered through customer meters that was given away as a usage allowance during the test year.

\$0 At the unit charge rate in effect during the test year, this was what it cost the utility to give away this volume.

\$0 At the unit charge rates modeled, this is what the current usage allowance (if any is included in the modeled rates) would cost the utility for a full year.

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Average Volume Used Within Each Volume Range in 1,000 Gallons	Total Annual Use Within Each Volume Range in 1,000 Gallons	Number of Customers With Volume That "Maxed Out" Within Each Range	% Users	% Usage	Cumulative Use in This Class From Low Volume to High Volume	Cumulative Use in This Class From High Volume to Low Volume	% Revenue at Current Rates	% Revenue at Modeled Rates
0.625" Residential <10,000 Gallons	0	999	3.336	31,450,568	397	7.5%	5.3%	20.3%	100.0%	5.0%	5.0%
	1,000	1,999	6.263	29,242,455	230	4.4%	4.9%	39.1%	79.7%	3.7%	3.6%
	2,000	2,999	13.572	25,881,156	330	6.3%	4.4%	55.8%	60.9%	4.2%	4.1%
	3,000	3,999	0.000	21,516,454	388	7.4%	3.6%	69.6%	44.2%	4.4%	4.2%
	4,000	4,999	0.000	16,859,586	377	7.2%	2.9%	80.5%	30.4%	4.0%	3.8%
	5,000	5,999	0.000	12,509,368	345	6.5%	2.1%	88.5%	19.5%	3.4%	3.6%
	6,000	6,999	0.000	8,632,499	299	5.7%	1.5%	94.1%	11.5%	2.9%	2.9%
	7,000	7,999	0.000	5,427,509	237	4.5%	0.9%	97.6%	5.9%	2.2%	2.2%
	8,000	8,999	0.000	2,875,840	191	3.6%	0.5%	99.5%	2.4%	1.6%	1.6%
	9,000	9,999	0.000	844,824	147	2.8%	0.1%	100.0%	0.5%	1.1%	1.1%
	10,000	14,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	15,000	19,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	20,000	29,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	30,000	39,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	40,000	49,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	50,000	59,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	60,000	69,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	70,000	79,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	80,000	89,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	90,000	99,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
Totals for Class				155,240,259	2,941	55.9%	26.3%			32.6%	32.1%
0.750" Residential <10,000 Gallons	0	999	1.007	9,494,355	136	2.6%	1.6%	20.3%	100.0%	1.6%	1.6%
	1,000	1,999	1.102	8,699,075	79	1.5%	1.5%	38.9%	79.7%	1.2%	1.2%
	2,000	2,999	1.085	7,648,102	95	1.8%	1.3%	55.3%	61.1%	1.2%	1.2%
	3,000	3,999	1.062	6,406,710	108	2.0%	1.1%	69.0%	44.7%	1.3%	1.2%
	4,000	4,999	1.041	5,102,808	110	2.1%	0.9%	79.9%	31.0%	1.2%	1.1%
	5,000	5,999	1.019	3,824,923	103	2.0%	0.6%	88.1%	20.1%	1.0%	1.1%
	6,000	6,999	0.986	2,666,925	88	1.7%	0.5%	93.8%	11.9%	0.9%	0.9%
	7,000	7,999	0.943	1,712,617	72	1.4%	0.3%	97.4%	6.2%	0.7%	0.7%
	8,000	8,999	0.838	917,272	58	1.1%	0.2%	99.4%	2.6%	0.5%	0.5%
	9,000	9,999	0.581	284,768	49	0.9%	0.0%	100.0%	0.6%	0.4%	0.4%
	10,000	14,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	15,000	19,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	20,000	29,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	30,000	39,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	40,000	49,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	50,000	59,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	60,000	69,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	70,000	79,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	80,000	89,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	90,000	99,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
100,000	109,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
110,000	119,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
120,000	129,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
130,000	139,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
140,000	149,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
150,000	159,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
160,000	99,999,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
Totals for Class				46,757,555	898	17.1%	7.9%			9.9%	9.8%

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 8 - Rate Statistics

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Average Volume Used Within Each Volume Range in 1,000 Gallons	Total Annual Use Within Each Volume Range in 1,000 Gallons	Number of Customers With Volume That "Maxed Out" Within Each Range			Cumulative Use in This Class From Low Volume to High Volume	Cumulative Use in This Class From High Volume to Low Volume	% Revenue at Current Rates	% Revenue at Modeled Rates
						% Users	% Usage				
1.000" Residential <10,000 Gallons	0	999	0.997	40,890	0	0.0%	0.0%	20.5%	100.0%	0.0%	0.0%
	1,000	1,999	0.952	38,090	0	0.0%	0.0%	39.6%	79.5%	0.0%	0.0%
	2,000	2,999	0.860	32,663	1	0.0%	0.0%	56.0%	60.4%	0.0%	0.0%
	3,000	3,999	0.934	26,164	0	0.0%	0.0%	69.2%	44.0%	0.0%	0.0%
	4,000	4,999	0.839	19,290	1	0.0%	0.0%	78.9%	30.8%	0.0%	0.0%
	5,000	5,999	0.972	14,573	0	0.0%	0.0%	86.2%	21.1%	0.0%	0.0%
	6,000	6,999	0.906	11,784	0	0.0%	0.0%	92.1%	13.8%	0.0%	0.0%
	7,000	7,999	0.814	8,952	0	0.0%	0.0%	96.6%	7.9%	0.0%	0.0%
	8,000	8,999	0.782	5,473	0	0.0%	0.0%	99.3%	3.4%	0.0%	0.0%
	9,000	9,999	0.452	1,355	0	0.0%	0.0%	100.0%	0.7%	0.0%	0.0%
	10,000	14,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	15,000	19,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	20,000	29,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	30,000	39,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	40,000	49,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	50,000	59,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	60,000	69,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	70,000	79,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	80,000	89,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	90,000	99,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
100,000	109,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
110,000	119,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
120,000	129,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
130,000	139,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
140,000	149,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
150,000	159,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
160,000	99,999,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
Totals for Class				199,234	3	0.1%	0.0%			0.0%	0.0%
1.500" Residential <10,000 Gallons	0	999	1.000	1,000	0	0.0%	0.0%	58.1%	100.0%	0.0%	0.0%
	1,000	1,999	0.720	720	0	0.0%	0.0%	100.0%	41.9%	0.0%	0.0%
	2,000	2,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	3,000	3,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	4,000	4,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	5,000	5,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	6,000	6,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	7,000	7,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	8,000	8,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	9,000	9,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	10,000	14,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	15,000	19,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	20,000	29,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	30,000	39,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	40,000	49,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	50,000	59,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	60,000	69,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	70,000	79,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	80,000	89,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	90,000	99,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
100,000	109,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
110,000	119,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
120,000	129,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
130,000	139,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
140,000	149,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
150,000	159,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
160,000	99,999,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
Totals for Class				1,720	0	0.0%	0.0%			0.0%	0.0%

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 8 - Rate Statistics

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Average Volume Used Within Each Volume Range in 1,000 Gallons	Total Annual Use Within Each Volume Range in 1,000 Gallons	Number of Customers With Volume That "Maxed Out" Within Each Range	% Users	% Usage	Cumulative Use in This Class From Low Volume to High Volume	Cumulative Use in This Class From High Volume to Low Volume	% Revenue at Current Rates	% Revenue at Modeled Rates
2.000" Residential <10,000 Gallons	0	999	0.645	39,996	2	0.0%	0.0%	21.8%	100.0%	0.0%	0.1%
	1,000	1,999	0.959	32,594	0	0.0%	0.0%	39.6%	78.2%	0.0%	0.0%
	2,000	2,999	0.807	25,019	1	0.0%	0.0%	53.3%	60.4%	0.0%	0.0%
	3,000	3,999	0.948	20,862	0	0.0%	0.0%	64.7%	46.7%	0.0%	0.0%
	4,000	4,999	0.985	19,704	0	0.0%	0.0%	75.4%	35.3%	0.0%	0.0%
	5,000	5,999	0.927	17,605	0	0.0%	0.0%	85.0%	24.6%	0.0%	0.0%
	6,000	6,999	0.961	16,330	0	0.0%	0.0%	93.9%	15.0%	0.0%	0.0%
	7,000	7,999	0.624	8,116	1	0.0%	0.0%	98.4%	6.1%	0.0%	0.0%
	8,000	8,999	0.559	2,235	0	0.0%	0.0%	99.6%	1.6%	0.0%	0.0%
	9,000	9,999	0.753	753	0	0.0%	0.0%	100.0%	0.4%	0.0%	0.0%
	10,000	14,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	15,000	19,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	20,000	29,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	30,000	39,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	40,000	49,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	50,000	59,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	60,000	69,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	70,000	79,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	80,000	89,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	90,000	99,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
100,000	109,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
110,000	119,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
120,000	129,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
130,000	139,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
140,000	149,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
150,000	159,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
160,000	99,999,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
Totals for Class				183,214	5	0.1%	0.0%			0.1%	0.2%
0.625" Residential ≥10,000 Gallons	0	999	1.000	11,334,000	0	0.0%	1.9%	5.1%	100.0%	0.8%	0.8%
	1,000	1,999	1.000	11,334,000	0	0.0%	1.9%	10.3%	94.9%	0.8%	0.8%
	2,000	2,999	1.000	11,334,000	0	0.0%	1.9%	15.4%	89.7%	0.8%	0.8%
	3,000	3,999	1.000	11,334,000	0	0.0%	1.9%	20.5%	84.6%	0.9%	0.8%
	4,000	4,999	1.000	11,334,000	0	0.0%	1.9%	25.7%	79.5%	0.9%	0.8%
	5,000	5,999	1.000	11,334,000	0	0.0%	1.9%	30.8%	74.3%	0.9%	1.0%
	6,000	6,999	1.000	11,334,000	0	0.0%	1.9%	35.9%	69.2%	0.9%	1.0%
	7,000	7,999	1.000	11,334,000	0	0.0%	1.9%	41.1%	64.1%	0.9%	1.0%
	8,000	8,999	1.000	11,334,000	0	0.0%	1.9%	46.2%	58.9%	0.9%	1.0%
	9,000	9,999	1.000	11,334,000	0	0.0%	1.9%	51.4%	53.8%	0.9%	1.0%
	10,000	14,999	3.650	41,371,135	445	8.5%	7.0%	70.1%	48.6%	8.8%	8.2%
	15,000	19,999	3.873	23,203,840	204	3.9%	3.9%	80.6%	29.9%	4.5%	4.3%
	20,000	29,999	6.385	22,640,922	178	3.4%	3.8%	90.9%	19.4%	4.4%	5.0%
	30,000	39,999	6.829	9,621,670	65	1.2%	1.6%	95.2%	9.1%	1.9%	2.0%
	40,000	49,999	7.277	4,620,997	26	0.5%	0.8%	97.3%	4.8%	0.9%	0.9%
	50,000	59,999	7.219	2,360,526	13	0.2%	0.4%	98.4%	2.7%	0.6%	0.5%
	60,000	69,999	7.531	1,280,209	6	0.1%	0.2%	99.0%	1.6%	0.3%	0.3%
	70,000	79,999	7.741	750,882	3	0.1%	0.1%	99.3%	1.0%	0.2%	0.1%
	80,000	89,999	8.297	497,824	2	0.0%	0.1%	99.5%	0.7%	0.1%	0.1%
	90,000	99,999	9.460	387,877	1	0.0%	0.1%	99.7%	0.5%	0.1%	0.1%
100,000	109,999	7.217	238,151	1	0.0%	0.0%	99.8%	0.3%	0.1%	0.0%	
110,000	119,999	7.987	151,762	1	0.0%	0.0%	99.9%	0.2%	0.0%	0.0%	
120,000	129,999	7.719	100,347	1	0.0%	0.0%	99.9%	0.1%	0.0%	0.0%	
130,000	139,999	8.386	50,318	0	0.0%	0.0%	100.0%	0.1%	0.0%	0.0%	
140,000	149,999	7.597	30,387	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
150,000	159,999	10.000	20,000	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
160,000	99,999,999	17.328	34,656	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
Totals for Class				220,701,503	945	18.0%	37.4%			30.5%	30.7%

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 8 - Rate Statistics

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Average Volume Used Within Each Volume Range in 1,000 Gallons	Total Annual Use Within Each Volume Range in 1,000 Gallons	Number of Customers With Volume That "Maxed Out" Within Each Range	% Users	% Usage	Cumulative Use in This Class From Low Volume to High Volume	Cumulative Use in This Class From High Volume to Low Volume	% Revenue at Current Rates	% Revenue at Modeled Rates
0.750" Residential ≥10,000 Gallons	0	999	1.000	4,107,000	0	0.0%	0.7%	4.3%	100.0%	0.3%	0.3%
	1,000	1,999	1.000	4,107,000	0	0.0%	0.7%	8.6%	95.7%	0.3%	0.3%
	2,000	2,999	1.000	4,107,000	0	0.0%	0.7%	12.9%	91.4%	0.3%	0.3%
	3,000	3,999	1.000	4,107,000	0	0.0%	0.7%	17.2%	87.1%	0.3%	0.3%
	4,000	4,999	1.000	4,107,000	0	0.0%	0.7%	21.5%	82.8%	0.3%	0.3%
	5,000	5,999	1.000	4,107,000	0	0.0%	0.7%	25.8%	78.5%	0.3%	0.4%
	6,000	6,999	1.000	4,107,000	0	0.0%	0.7%	30.1%	74.2%	0.3%	0.4%
	7,000	7,999	1.000	4,107,000	0	0.0%	0.7%	34.4%	69.9%	0.3%	0.4%
	8,000	8,999	1.000	4,107,000	0	0.0%	0.7%	38.6%	65.6%	0.3%	0.4%
	9,000	9,999	1.000	4,107,000	0	0.0%	0.7%	42.9%	61.4%	0.3%	0.4%
	10,000	14,999	3.744	15,378,526	153	2.9%	2.6%	59.0%	57.1%	3.2%	3.0%
	15,000	19,999	3.902	8,885,489	74	1.4%	1.5%	68.3%	41.0%	1.7%	1.6%
	20,000	29,999	6.666	9,225,177	65	1.2%	1.6%	78.0%	31.7%	1.7%	2.0%
	30,000	39,999	7.126	4,332,407	25	0.5%	0.7%	82.5%	22.0%	0.8%	0.9%
	40,000	49,999	7.319	2,254,261	12	0.2%	0.4%	84.8%	17.5%	0.4%	0.5%
	50,000	59,999	8.090	1,302,542	5	0.1%	0.2%	86.2%	15.2%	0.3%	0.2%
	60,000	69,999	7.602	752,563	4	0.1%	0.1%	87.0%	13.8%	0.2%	0.2%
	70,000	79,999	8.024	417,247	2	0.0%	0.1%	87.4%	13.0%	0.1%	0.1%
	80,000	89,999	7.927	261,603	1	0.0%	0.0%	87.7%	12.6%	0.1%	0.1%
	90,000	99,999	8.194	139,290	0	0.0%	0.0%	87.9%	12.3%	0.0%	0.0%
	100,000	109,999	8.566	111,357	0	0.0%	0.0%	88.0%	12.1%	0.0%	0.0%
110,000	119,999	9.568	95,684	0	0.0%	0.0%	88.1%	12.0%	0.0%	0.0%	
120,000	129,999	10.000	80,000	0	0.0%	0.0%	88.2%	11.9%	0.0%	0.0%	
130,000	139,999	9.346	74,768	0	0.0%	0.0%	88.2%	11.8%	0.0%	0.0%	
140,000	149,999	10.000	70,000	0	0.0%	0.0%	88.3%	11.8%	0.0%	0.0%	
150,000	159,999	10.000	70,000	0	0.0%	0.0%	88.4%	11.7%	0.0%	0.0%	
160,000	99,999,999	1,588.092	11,116,646	1	0.0%	1.9%	100.0%	11.6%	2.1%	1.8%	
Totals for Class				95,637,560	342	6.5%	16.2%			13.8%	13.7%
1.000" Residential ≥10,000 Gallons	0	999	1.000	35,000	0	0.0%	0.0%	3.5%	100.0%	0.0%	0.0%
	1,000	1,999	1.000	35,000	0	0.0%	0.0%	7.0%	96.5%	0.0%	0.0%
	2,000	2,999	1.000	35,000	0	0.0%	0.0%	10.4%	93.0%	0.0%	0.0%
	3,000	3,999	1.000	35,000	0	0.0%	0.0%	13.9%	89.6%	0.0%	0.0%
	4,000	4,999	1.000	35,000	0	0.0%	0.0%	17.4%	86.1%	0.0%	0.0%
	5,000	5,999	1.000	35,000	0	0.0%	0.0%	20.9%	82.6%	0.0%	0.0%
	6,000	6,999	1.000	35,000	0	0.0%	0.0%	24.3%	79.1%	0.0%	0.0%
	7,000	7,999	1.000	35,000	0	0.0%	0.0%	27.8%	75.7%	0.0%	0.0%
	8,000	8,999	1.000	35,000	0	0.0%	0.0%	31.3%	72.2%	0.0%	0.0%
	9,000	9,999	1.000	35,000	0	0.0%	0.0%	34.8%	68.7%	0.0%	0.0%
	10,000	14,999	4.537	158,802	1	0.0%	0.0%	50.6%	65.2%	0.0%	0.0%
	15,000	19,999	4.227	122,592	1	0.0%	0.0%	62.7%	49.4%	0.0%	0.0%
	20,000	29,999	6.169	135,707	1	0.0%	0.0%	76.2%	37.3%	0.0%	0.0%
	30,000	39,999	10.000	90,000	0	0.0%	0.0%	85.2%	23.8%	0.0%	0.0%
	40,000	49,999	7.258	65,320	0	0.0%	0.0%	91.7%	14.8%	0.0%	0.0%
	50,000	59,999	8.010	48,060	0	0.0%	0.0%	96.4%	8.3%	0.0%	0.0%
	60,000	69,999	7.325	29,301	0	0.0%	0.0%	99.3%	3.6%	0.0%	0.0%
	70,000	79,999	3.294	6,587	0	0.0%	0.0%	100.0%	0.7%	0.0%	0.0%
	80,000	89,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	90,000	99,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	100,000	109,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
110,000	119,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
120,000	129,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
130,000	139,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
140,000	149,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
150,000	159,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
160,000	99,999,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
Totals for Class				1,006,369	3	0.1%	0.2%			0.1%	0.2%

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 8 - Rate Statistics

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Average Volume Used Within Each Volume Range in 1,000 Gallons	Total Annual Use Within Each Volume Range in 1,000 Gallons	Number of Customers With Volume That "Maxed Out" Within Each Range	% Users	% Usage	Cumulative Use in This Class From Low Volume to High Volume	Cumulative Use in This Class From High Volume to Low Volume	% Revenue at Current Rates	% Revenue at Modeled Rates
1.500" Residential ≥10,000 Gallons	0	999	1.000	12,000	0	0.0%	0.0%	2.7%	100.0%	0.0%	0.0%
	1,000	1,999	1.000	12,000	0	0.0%	0.0%	5.3%	97.3%	0.0%	0.0%
	2,000	2,999	1.000	12,000	0	0.0%	0.0%	8.0%	94.7%	0.0%	0.0%
	3,000	3,999	1.000	12,000	0	0.0%	0.0%	10.7%	92.0%	0.0%	0.0%
	4,000	4,999	1.000	12,000	0	0.0%	0.0%	13.3%	89.3%	0.0%	0.0%
	5,000	5,999	1.000	12,000	0	0.0%	0.0%	16.0%	86.7%	0.0%	0.0%
	6,000	6,999	1.000	12,000	0	0.0%	0.0%	18.7%	84.0%	0.0%	0.0%
	7,000	7,999	1.000	12,000	0	0.0%	0.0%	21.3%	81.3%	0.0%	0.0%
	8,000	8,999	1.000	12,000	0	0.0%	0.0%	24.0%	78.7%	0.0%	0.0%
	9,000	9,999	1.000	12,000	0	0.0%	0.0%	26.7%	76.0%	0.0%	0.0%
	10,000	14,999	5.000	60,000	0	0.0%	0.0%	40.0%	73.3%	0.0%	0.0%
	15,000	19,999	5.000	60,000	0	0.0%	0.0%	53.4%	60.0%	0.0%	0.0%
	20,000	29,999	7.767	93,200	0	0.0%	0.0%	74.1%	46.6%	0.0%	0.0%
	30,000	39,999	7.306	65,751	0	0.0%	0.0%	88.7%	25.9%	0.0%	0.0%
	40,000	49,999	6.856	34,280	0	0.0%	0.0%	96.3%	11.3%	0.0%	0.0%
	50,000	59,999	4.733	14,200	0	0.0%	0.0%	99.5%	3.7%	0.0%	0.0%
	60,000	69,999	2.400	2,400	0	0.0%	0.0%	100.0%	0.5%	0.0%	0.0%
	70,000	79,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	80,000	89,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	90,000	99,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
100,000	109,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
110,000	119,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
120,000	129,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
130,000	139,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
140,000	149,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
150,000	159,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
160,000	99,999,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
Totals for Class				449,831	1	0.0%	0.1%			0.1%	0.1%
2.000" Residential ≥10,000 Gallons	0	999	1.000	44,000	0	0.0%	0.0%	1.9%	100.0%	0.0%	0.0%
	1,000	1,999	1.000	44,000	0	0.0%	0.0%	3.8%	98.1%	0.0%	0.0%
	2,000	2,999	1.000	44,000	0	0.0%	0.0%	5.8%	96.2%	0.0%	0.0%
	3,000	3,999	1.000	44,000	0	0.0%	0.0%	7.7%	94.2%	0.0%	0.0%
	4,000	4,999	1.000	44,000	0	0.0%	0.0%	9.6%	92.3%	0.0%	0.0%
	5,000	5,999	1.000	44,000	0	0.0%	0.0%	11.5%	90.4%	0.0%	0.0%
	6,000	6,999	1.000	44,000	0	0.0%	0.0%	13.4%	88.5%	0.0%	0.0%
	7,000	7,999	1.000	44,000	0	0.0%	0.0%	15.3%	86.6%	0.0%	0.0%
	8,000	8,999	1.000	44,000	0	0.0%	0.0%	17.3%	84.7%	0.0%	0.0%
	9,000	9,999	1.000	44,000	0	0.0%	0.0%	19.2%	82.7%	0.0%	0.0%
	10,000	14,999	4.344	191,133	1	0.0%	0.0%	27.5%	80.8%	0.0%	0.1%
	15,000	19,999	3.999	127,959	1	0.0%	0.0%	33.1%	72.5%	0.0%	0.0%
	20,000	29,999	6.355	133,447	1	0.0%	0.0%	38.9%	66.9%	0.0%	0.1%
	30,000	39,999	8.080	72,722	0	0.0%	0.0%	42.1%	61.1%	0.0%	0.0%
	40,000	49,999	9.709	67,966	0	0.0%	0.0%	45.0%	57.9%	0.0%	0.0%
	50,000	59,999	8.191	49,148	0	0.0%	0.0%	47.2%	55.0%	0.0%	0.0%
	60,000	69,999	10.000	40,000	0	0.0%	0.0%	48.9%	52.8%	0.0%	0.0%
	70,000	79,999	10.000	40,000	0	0.0%	0.0%	50.7%	51.1%	0.0%	0.0%
	80,000	89,999	10.000	40,000	0	0.0%	0.0%	52.4%	49.3%	0.0%	0.0%
	90,000	99,999	10.000	40,000	0	0.0%	0.0%	54.2%	47.6%	0.0%	0.0%
100,000	109,999	10.000	40,000	0	0.0%	0.0%	55.9%	45.8%	0.0%	0.0%	
110,000	119,999	10.000	40,000	0	0.0%	0.0%	57.7%	44.1%	0.0%	0.0%	
120,000	129,999	10.000	40,000	0	0.0%	0.0%	59.4%	42.3%	0.0%	0.0%	
130,000	139,999	10.000	40,000	0	0.0%	0.0%	61.1%	40.6%	0.0%	0.0%	
140,000	149,999	10.000	40,000	0	0.0%	0.0%	62.9%	38.9%	0.0%	0.0%	
150,000	159,999	10.000	40,000	0	0.0%	0.0%	64.6%	37.1%	0.0%	0.0%	
160,000	99,999,999	202.800	811,200	0	0.0%	0.1%	100.0%	35.4%	0.2%	0.1%	
Totals for Class				2,293,575	4	0.1%	0.4%			0.4%	0.5%

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 8 - Rate Statistics

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Average Volume Used Within Each Volume Range in 1,000 Gallons	Total Annual Use Within Each Volume Range in 1,000 Gallons	Number of Customers With Volume That "Maxed Out" Within Each Range	% Users	% Usage	Cumulative Use in This Class From Low Volume to High Volume	Cumulative Use in This Class From High Volume to Low Volume	% Revenue at Current Rates	% Revenue at Modeled Rates
0.625" Commercial	0	999	0.999	47,947	0	0.0%	0.0%	9.9%	100.0%	0.0%	0.0%
	1,000	1,999	0.992	46,614	0	0.0%	0.0%	19.5%	90.1%	0.0%	0.0%
	2,000	2,999	0.901	40,541	1	0.0%	0.0%	27.9%	80.5%	0.0%	0.0%
	3,000	3,999	0.917	33,940	1	0.0%	0.0%	34.9%	72.1%	0.0%	0.0%
	4,000	4,999	0.947	28,414	0	0.0%	0.0%	40.8%	65.1%	0.0%	0.0%
	5,000	5,999	0.912	25,546	0	0.0%	0.0%	46.1%	59.2%	0.0%	0.0%
	6,000	6,999	0.944	23,592	0	0.0%	0.0%	51.0%	53.9%	0.0%	0.0%
	7,000	7,999	0.800	17,610	1	0.0%	0.0%	54.6%	49.0%	0.0%	0.0%
	8,000	8,999	1.000	12,000	0	0.0%	0.0%	57.1%	45.4%	0.0%	0.0%
	9,000	9,999	0.961	11,526	0	0.0%	0.0%	59.5%	42.9%	0.0%	0.0%
	10,000	14,999	4.723	51,952	0	0.0%	0.0%	70.2%	40.5%	0.0%	0.0%
	15,000	19,999	4.531	45,308	0	0.0%	0.0%	79.6%	29.8%	0.0%	0.0%
	20,000	29,999	6.036	54,322	1	0.0%	0.0%	90.8%	20.4%	0.0%	0.0%
	30,000	39,999	5.648	16,943	0	0.0%	0.0%	94.3%	9.2%	0.0%	0.0%
	40,000	49,999	10.000	10,000	0	0.0%	0.0%	96.4%	5.7%	0.0%	0.0%
	50,000	59,999	10.000	10,000	0	0.0%	0.0%	98.5%	3.6%	0.0%	0.0%
	60,000	69,999	7.447	7,447	0	0.0%	0.0%	100.0%	1.5%	0.0%	0.0%
	70,000	79,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	80,000	89,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	90,000	99,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
100,000	109,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
110,000	119,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
120,000	129,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
130,000	139,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
140,000	149,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
150,000	159,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
160,000	99,999,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
Totals for Class				483,702	4	0.1%	0.1%			0.1%	0.1%
0.750" Commercial	0	999	0.653	462,723	27	0.5%	0.1%	1.0%	100.0%	0.3%	0.2%
	1,000	1,999	0.905	349,184	6	0.1%	0.1%	1.7%	99.0%	0.1%	0.1%
	2,000	2,999	0.927	292,137	3	0.1%	0.0%	2.3%	98.3%	0.1%	0.0%
	3,000	3,999	0.956	261,916	3	0.0%	0.0%	2.9%	97.7%	0.0%	0.0%
	4,000	4,999	0.928	226,391	3	0.1%	0.0%	3.4%	97.1%	0.0%	0.0%
	5,000	5,999	0.927	191,061	3	0.0%	0.0%	3.8%	96.6%	0.0%	0.0%
	6,000	6,999	0.934	164,303	2	0.0%	0.0%	4.1%	96.2%	0.0%	0.0%
	7,000	7,999	0.946	146,605	1	0.0%	0.0%	4.4%	95.9%	0.0%	0.0%
	8,000	8,999	0.915	128,089	2	0.0%	0.0%	4.7%	95.6%	0.0%	0.0%
	9,000	9,999	0.869	100,765	2	0.0%	0.0%	4.9%	95.3%	0.0%	0.0%
	10,000	14,999	3.644	327,920	3	0.1%	0.1%	5.6%	95.1%	0.1%	0.1%
	15,000	19,999	4.296	227,695	1	0.0%	0.0%	6.1%	94.4%	0.0%	0.0%
	20,000	29,999	8.315	315,971	1	0.0%	0.1%	6.8%	93.9%	0.0%	0.1%
	30,000	39,999	9.210	248,673	1	0.0%	0.0%	7.3%	93.2%	0.0%	0.0%
	40,000	49,999	10.000	200,000	0	0.0%	0.0%	7.7%	92.7%	0.0%	0.0%
	50,000	59,999	9.915	198,307	0	0.0%	0.0%	8.2%	92.3%	0.0%	0.0%
	60,000	69,999	9.527	181,014	0	0.0%	0.0%	8.5%	91.8%	0.0%	0.0%
	70,000	79,999	10.000	180,000	0	0.0%	0.0%	8.9%	91.5%	0.0%	0.0%
	80,000	89,999	10.000	180,000	0	0.0%	0.0%	9.3%	91.1%	0.0%	0.0%
	90,000	99,999	9.588	172,590	0	0.0%	0.0%	9.7%	90.7%	0.0%	0.0%
100,000	109,999	10.000	170,000	0	0.0%	0.0%	10.0%	90.3%	0.0%	0.0%	
110,000	119,999	9.750	165,757	0	0.0%	0.0%	10.4%	90.0%	0.0%	0.0%	
120,000	129,999	9.550	152,797	0	0.0%	0.0%	10.7%	89.6%	0.0%	0.0%	
130,000	139,999	10.000	150,000	0	0.0%	0.0%	11.0%	89.3%	0.0%	0.0%	
140,000	149,999	10.000	150,000	0	0.0%	0.0%	11.3%	89.0%	0.0%	0.0%	
150,000	159,999	10.000	150,000	0	0.0%	0.0%	11.7%	88.7%	0.0%	0.0%	
160,000	99,999,999	2,773.403	41,601,040	1	0.0%	7.0%	100.0%	88.3%	7.7%	6.8%	
Totals for Class				47,094,938	59	1.1%	8.0%			9.0%	7.9%

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 8 - Rate Statistics

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Average Volume Used Within Each Volume Range in 1,000 Gallons	Total Annual Use Within Each Volume Range in 1,000 Gallons	Number of Customers With Volume That "Maxed Out" Within Each Range	% Users	% Usage	Cumulative Use in This Class From Low Volume to High Volume	Cumulative Use in This Class From High Volume to Low Volume	% Revenue at Current Rates	% Revenue at Modeled Rates
1.000" Commercial	0	999	0.850	254,170	6	0.1%	0.0%	5.2%	100.0%	0.1%	0.1%
	1,000	1,999	0.955	216,778	2	0.0%	0.0%	9.7%	94.8%	0.0%	0.0%
	2,000	2,999	0.962	201,098	2	0.0%	0.0%	13.8%	90.3%	0.0%	0.0%
	3,000	3,999	0.947	178,962	2	0.0%	0.0%	17.5%	86.2%	0.0%	0.0%
	4,000	4,999	0.919	155,250	2	0.0%	0.0%	20.7%	82.5%	0.0%	0.0%
	5,000	5,999	0.972	139,992	1	0.0%	0.0%	23.6%	79.3%	0.0%	0.0%
	6,000	6,999	0.949	130,939	1	0.0%	0.0%	26.2%	76.4%	0.0%	0.0%
	7,000	7,999	0.980	124,467	0	0.0%	0.0%	28.8%	73.8%	0.0%	0.0%
	8,000	8,999	0.983	120,968	0	0.0%	0.0%	31.3%	71.2%	0.0%	0.0%
	9,000	9,999	0.982	117,799	0	0.0%	0.0%	33.7%	68.7%	0.0%	0.0%
	10,000	14,999	4.689	548,624	1	0.0%	0.1%	45.0%	66.3%	0.1%	0.1%
	15,000	19,999	3.993	399,274	3	0.1%	0.1%	53.2%	55.0%	0.1%	0.1%
	20,000	29,999	7.924	475,410	2	0.0%	0.1%	62.9%	46.8%	0.1%	0.1%
	30,000	39,999	8.372	309,761	1	0.0%	0.1%	69.3%	37.1%	0.0%	0.1%
	40,000	49,999	8.028	208,735	1	0.0%	0.0%	73.6%	30.7%	0.0%	0.0%
	50,000	59,999	8.939	151,962	0	0.0%	0.0%	76.7%	26.4%	0.0%	0.0%
	60,000	69,999	9.896	138,550	0	0.0%	0.0%	79.6%	23.3%	0.0%	0.0%
	70,000	79,999	8.950	116,350	0	0.0%	0.0%	82.0%	20.4%	0.0%	0.0%
	80,000	89,999	10.000	90,000	0	0.0%	0.0%	83.8%	18.0%	0.0%	0.0%
	90,000	99,999	9.586	86,272	0	0.0%	0.0%	85.6%	16.2%	0.0%	0.0%
	100,000	109,999	9.593	76,741	0	0.0%	0.0%	87.2%	14.4%	0.0%	0.0%
110,000	119,999	10.000	60,000	0	0.0%	0.0%	88.4%	12.8%	0.0%	0.0%	
120,000	129,999	10.000	60,000	0	0.0%	0.0%	89.6%	11.6%	0.0%	0.0%	
130,000	139,999	10.000	60,000	0	0.0%	0.0%	90.9%	10.4%	0.0%	0.0%	
140,000	149,999	10.000	60,000	0	0.0%	0.0%	92.1%	9.1%	0.0%	0.0%	
150,000	159,999	10.000	60,000	0	0.0%	0.0%	93.3%	7.9%	0.0%	0.0%	
160,000	99,999,999	54.152	324,909	1	0.0%	0.1%	100.0%	6.7%	0.1%	0.1%	
Totals for Class				4,867,011	25	0.5%	0.8%			0.8%	0.9%
1.500" Commercial	0	999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	1,000	1,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	2,000	2,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	3,000	3,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	4,000	4,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	5,000	5,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	6,000	6,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	7,000	7,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	8,000	8,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	9,000	9,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	10,000	14,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	15,000	19,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	20,000	29,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	30,000	39,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	40,000	49,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	50,000	59,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	60,000	69,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	70,000	79,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	80,000	89,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	90,000	99,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	100,000	109,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
110,000	119,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	
120,000	129,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	
130,000	139,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	
140,000	149,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	
150,000	159,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	
160,000	99,999,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	
Totals for Class				0	0	0.0%	0.0%			0.0%	0.0%

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 8 - Rate Statistics

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Average Volume Used Within Each Volume Range in 1,000 Gallons	Total Annual Use Within Each Volume Range in 1,000 Gallons	Number of Customers With Volume That "Maxed Out" Within Each Range	% Users	% Usage	Cumulative Use in This Class From Low Volume to High Volume	Cumulative Use in This Class From High Volume to Low Volume	% Revenue at Current Rates	% Revenue at Modeled Rates
2.000" Commercial	0	999	0.751	226,705	8	0.1%	0.0%	2.4%	100.0%	0.1%	0.3%
	1,000	1,999	0.965	200,770	1	0.0%	0.0%	4.5%	97.6%	0.0%	0.0%
	2,000	2,999	0.995	194,953	0	0.0%	0.0%	6.6%	95.5%	0.0%	0.0%
	3,000	3,999	0.971	185,370	1	0.0%	0.0%	8.6%	93.4%	0.0%	0.1%
	4,000	4,999	0.976	171,776	1	0.0%	0.0%	10.4%	91.4%	0.0%	0.0%
	5,000	5,999	0.978	162,267	1	0.0%	0.0%	12.1%	89.6%	0.0%	0.0%
	6,000	6,999	0.987	156,973	0	0.0%	0.0%	13.8%	87.9%	0.0%	0.0%
	7,000	7,999	0.976	151,299	1	0.0%	0.0%	15.4%	86.2%	0.0%	0.0%
	8,000	8,999	0.982	146,331	0	0.0%	0.0%	16.9%	84.6%	0.0%	0.0%
	9,000	9,999	0.990	144,542	0	0.0%	0.0%	18.5%	83.1%	0.0%	0.0%
	10,000	14,999	4.712	678,569	1	0.0%	0.1%	25.7%	81.5%	0.1%	0.1%
	15,000	19,999	4.566	584,409	2	0.0%	0.1%	31.9%	74.3%	0.1%	0.1%
	20,000	29,999	8.830	953,663	2	0.0%	0.2%	42.0%	68.1%	0.1%	0.2%
	30,000	39,999	8.839	724,783	1	0.0%	0.1%	49.7%	58.0%	0.1%	0.2%
	40,000	49,999	8.847	575,082	1	0.0%	0.1%	55.8%	50.3%	0.1%	0.1%
	50,000	59,999	9.382	459,702	0	0.0%	0.1%	60.7%	44.2%	0.1%	0.1%
	60,000	69,999	9.300	409,185	0	0.0%	0.1%	65.0%	39.3%	0.1%	0.1%
	70,000	79,999	9.794	391,764	0	0.0%	0.1%	69.2%	35.0%	0.1%	0.1%
	80,000	89,999	9.354	364,795	1	0.0%	0.1%	73.1%	30.8%	0.1%	0.1%
	90,000	99,999	9.423	310,959	0	0.0%	0.1%	76.4%	26.9%	0.1%	0.1%
	100,000	109,999	9.325	270,439	0	0.0%	0.0%	79.2%	23.6%	0.1%	0.1%
	110,000	119,999	9.061	217,475	0	0.0%	0.0%	81.6%	20.8%	0.0%	0.1%
	120,000	129,999	9.098	172,856	0	0.0%	0.0%	83.4%	18.4%	0.0%	0.0%
	130,000	139,999	9.294	148,698	0	0.0%	0.0%	85.0%	16.6%	0.0%	0.0%
	140,000	149,999	8.769	122,771	0	0.0%	0.0%	86.3%	15.0%	0.0%	0.0%
150,000	159,999	10.000	110,000	0	0.0%	0.0%	87.4%	13.7%	0.0%	0.0%	
160,000	99,999,999	107.546	1,183,003	1	0.0%	0.2%	100.0%	12.6%	0.2%	0.2%	
Totals for Class				9,419,139	25	0.5%	1.6%			1.6%	2.2%
3.000" Commercial	0	999	0.794	19,052	1	0.0%	0.0%	0.4%	100.0%	0.0%	0.1%
	1,000	1,999	0.810	12,959	1	0.0%	0.0%	0.7%	99.6%	0.0%	0.0%
	2,000	2,999	0.876	8,761	0	0.0%	0.0%	0.8%	99.3%	0.0%	0.0%
	3,000	3,999	1.000	8,000	0	0.0%	0.0%	1.0%	99.2%	0.0%	0.0%
	4,000	4,999	1.000	8,000	0	0.0%	0.0%	1.2%	99.0%	0.0%	0.0%
	5,000	5,999	1.000	8,000	0	0.0%	0.0%	1.3%	98.8%	0.0%	0.0%
	6,000	6,999	1.000	8,000	0	0.0%	0.0%	1.5%	98.7%	0.0%	0.0%
	7,000	7,999	1.000	8,000	0	0.0%	0.0%	1.7%	98.5%	0.0%	0.0%
	8,000	8,999	1.000	8,000	0	0.0%	0.0%	1.8%	98.3%	0.0%	0.0%
	9,000	9,999	1.000	8,000	0	0.0%	0.0%	2.0%	98.2%	0.0%	0.0%
	10,000	14,999	5.000	40,000	0	0.0%	0.0%	2.8%	98.0%	0.0%	0.0%
	15,000	19,999	5.000	40,000	0	0.0%	0.0%	3.7%	97.2%	0.0%	0.0%
	20,000	29,999	10.000	80,000	0	0.0%	0.0%	5.3%	96.3%	0.0%	0.0%
	30,000	39,999	10.000	80,000	0	0.0%	0.0%	7.0%	94.7%	0.0%	0.0%
	40,000	49,999	10.000	80,000	0	0.0%	0.0%	8.7%	93.0%	0.0%	0.0%
	50,000	59,999	10.000	80,000	0	0.0%	0.0%	10.3%	91.3%	0.0%	0.0%
	60,000	69,999	10.000	80,000	0	0.0%	0.0%	12.0%	89.7%	0.0%	0.0%
	70,000	79,999	10.000	80,000	0	0.0%	0.0%	13.7%	88.0%	0.0%	0.0%
	80,000	89,999	10.000	80,000	0	0.0%	0.0%	15.3%	86.3%	0.0%	0.0%
	90,000	99,999	9.694	77,550	0	0.0%	0.0%	16.9%	84.7%	0.0%	0.0%
	100,000	109,999	10.000	70,000	0	0.0%	0.0%	18.4%	83.1%	0.0%	0.0%
	110,000	119,999	10.000	70,000	0	0.0%	0.0%	19.8%	81.6%	0.0%	0.0%
	120,000	129,999	10.000	70,000	0	0.0%	0.0%	21.3%	80.2%	0.0%	0.0%
	130,000	139,999	10.000	70,000	0	0.0%	0.0%	22.7%	78.7%	0.0%	0.0%
	140,000	149,999	10.000	70,000	0	0.0%	0.0%	24.2%	77.3%	0.0%	0.0%
150,000	159,999	10.000	70,000	0	0.0%	0.0%	25.7%	75.8%	0.0%	0.0%	
160,000	99,999,999	510.954	3,576,680	1	0.0%	0.6%	100.0%	74.3%	0.7%	0.6%	
Totals for Class				4,811,002	2	0.0%	0.8%			0.9%	1.0%

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 8 - Rate Statistics

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Average Volume Used Within Each Volume Range in 1,000 Gallons	Total Annual Use Within Each Volume Range in 1,000 Gallons	Number of Customers With Volume That "Maxed Out" Within Each Range	% Users	% Usage	Cumulative Use in This Class From Low Volume to High Volume	Cumulative Use in This Class From High Volume to Low Volume	% Revenue at Current Rates	% Revenue at Modeled Rates
4.000" Commercial	0	999	0.881	42,295	1	0.0%	0.0%	2.5%	100.0%	0.0%	0.2%
	1,000	1,999	1.000	36,000	0	0.0%	0.0%	4.6%	97.5%	0.0%	0.0%
	2,000	2,999	0.991	35,683	0	0.0%	0.0%	6.7%	95.4%	0.0%	0.0%
	3,000	3,999	1.000	35,000	0	0.0%	0.0%	8.8%	93.3%	0.0%	0.0%
	4,000	4,999	1.000	35,000	0	0.0%	0.0%	10.9%	91.2%	0.0%	0.0%
	5,000	5,999	1.000	35,000	0	0.0%	0.0%	13.0%	89.1%	0.0%	0.0%
	6,000	6,999	1.000	35,000	0	0.0%	0.0%	15.0%	87.0%	0.0%	0.0%
	7,000	7,999	0.996	34,846	0	0.0%	0.0%	17.1%	85.0%	0.0%	0.0%
	8,000	8,999	1.000	34,000	0	0.0%	0.0%	19.1%	82.9%	0.0%	0.0%
	9,000	9,999	1.000	34,000	0	0.0%	0.0%	21.1%	80.9%	0.0%	0.0%
	10,000	14,999	4.833	164,312	0	0.0%	0.0%	30.9%	78.9%	0.0%	0.0%
	15,000	19,999	4.956	158,597	0	0.0%	0.0%	40.2%	69.1%	0.0%	0.0%
	20,000	29,999	9.295	278,856	1	0.0%	0.0%	56.8%	59.8%	0.0%	0.1%
	30,000	39,999	9.181	220,351	0	0.0%	0.0%	69.8%	43.2%	0.0%	0.1%
	40,000	49,999	9.256	185,119	0	0.0%	0.0%	80.8%	30.2%	0.0%	0.1%
	50,000	59,999	7.552	128,382	1	0.0%	0.0%	88.4%	19.2%	0.0%	0.1%
	60,000	69,999	6.974	69,741	0	0.0%	0.0%	92.5%	11.6%	0.0%	0.1%
	70,000	79,999	6.346	31,728	0	0.0%	0.0%	94.4%	7.5%	0.0%	0.0%
	80,000	89,999	10.000	20,000	0	0.0%	0.0%	95.6%	5.6%	0.0%	0.0%
	90,000	99,999	10.000	20,000	0	0.0%	0.0%	96.7%	4.4%	0.0%	0.0%
	100,000	109,999	10.000	20,000	0	0.0%	0.0%	97.9%	3.3%	0.0%	0.0%
110,000	119,999	10.000	20,000	0	0.0%	0.0%	99.1%	2.1%	0.0%	0.0%	
120,000	129,999	7.040	14,079	0	0.0%	0.0%	99.9%	0.9%	0.0%	0.0%	
130,000	139,999	1.033	1,033	0	0.0%	0.0%	100.0%	0.1%	0.0%	0.0%	
140,000	149,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
150,000	159,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
160,000	99,999,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
Totals for Class				1,689,022	4	0.1%	0.3%			0.2%	0.8%
Hydrant 2" Meter Bulk Users	0	999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	1,000	1,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	2,000	2,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	3,000	3,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	4,000	4,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	5,000	5,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	6,000	6,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	7,000	7,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	8,000	8,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	9,000	9,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	10,000	14,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	15,000	19,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	20,000	29,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	30,000	39,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	40,000	49,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	50,000	59,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	60,000	69,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	70,000	79,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	80,000	89,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	90,000	99,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	100,000	109,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
110,000	119,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	
120,000	129,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	
130,000	139,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	
140,000	149,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	
150,000	159,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	
160,000	99,999,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	
Totals for Class				0	0	0.0%	0.0%			0.0%	0.0%
Grand Totals				590,835,634		100.00%	100.00%			100.00%	100.00%

Chart 1 - Operating Ratio

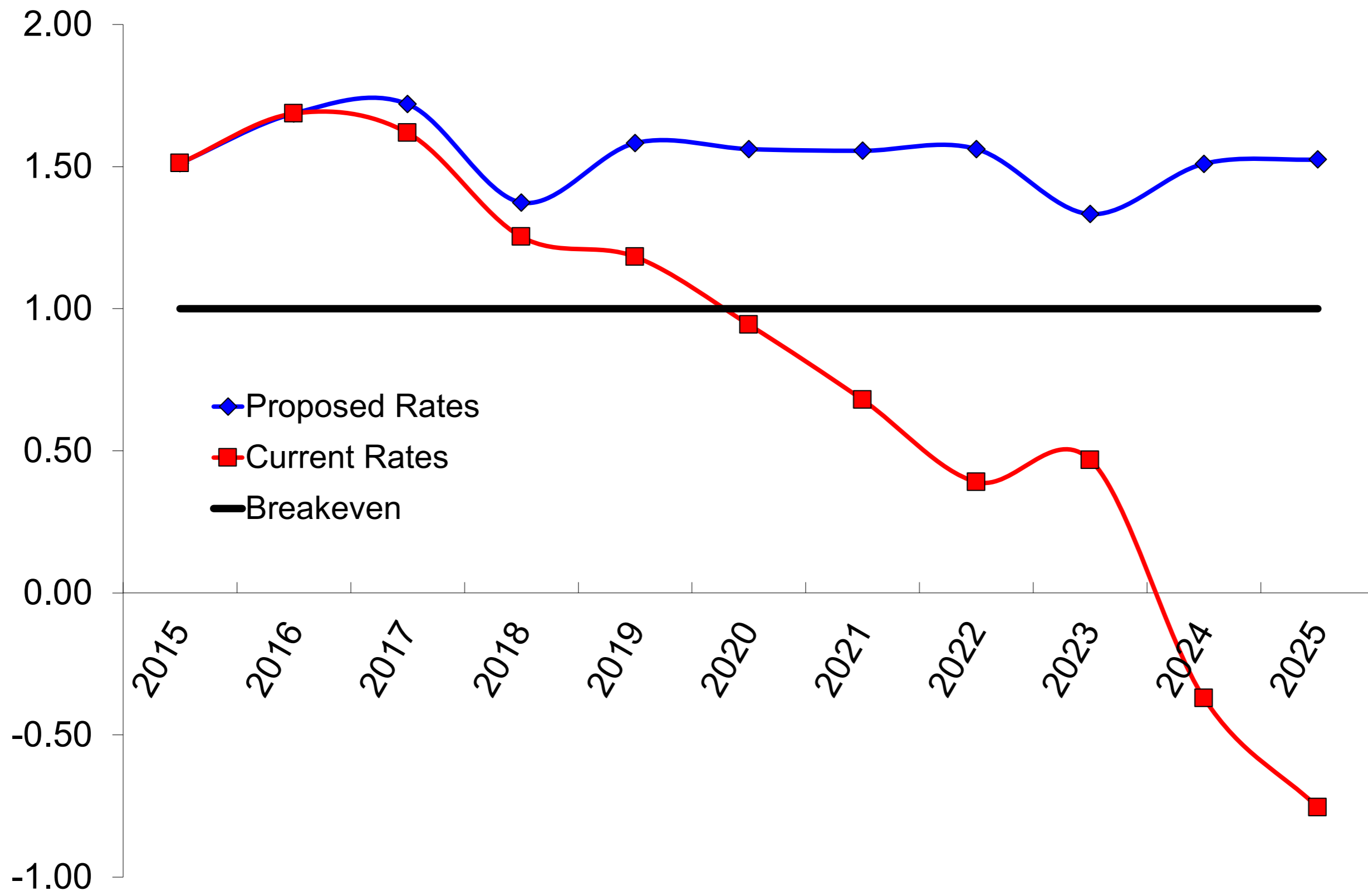


Chart 2 - Coverage Ratio

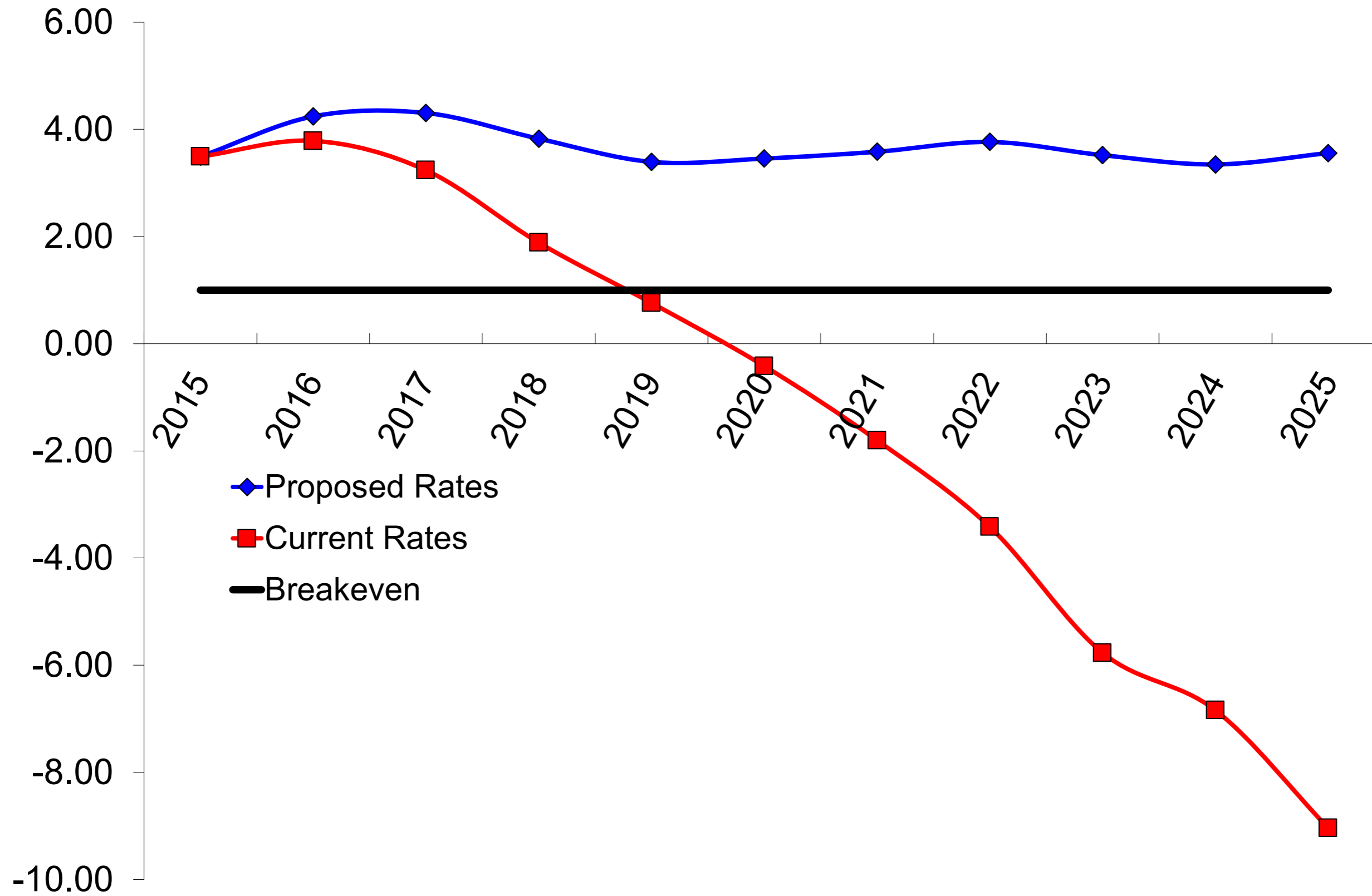


Chart 3 - 5,000 Gal Residential User's Bill

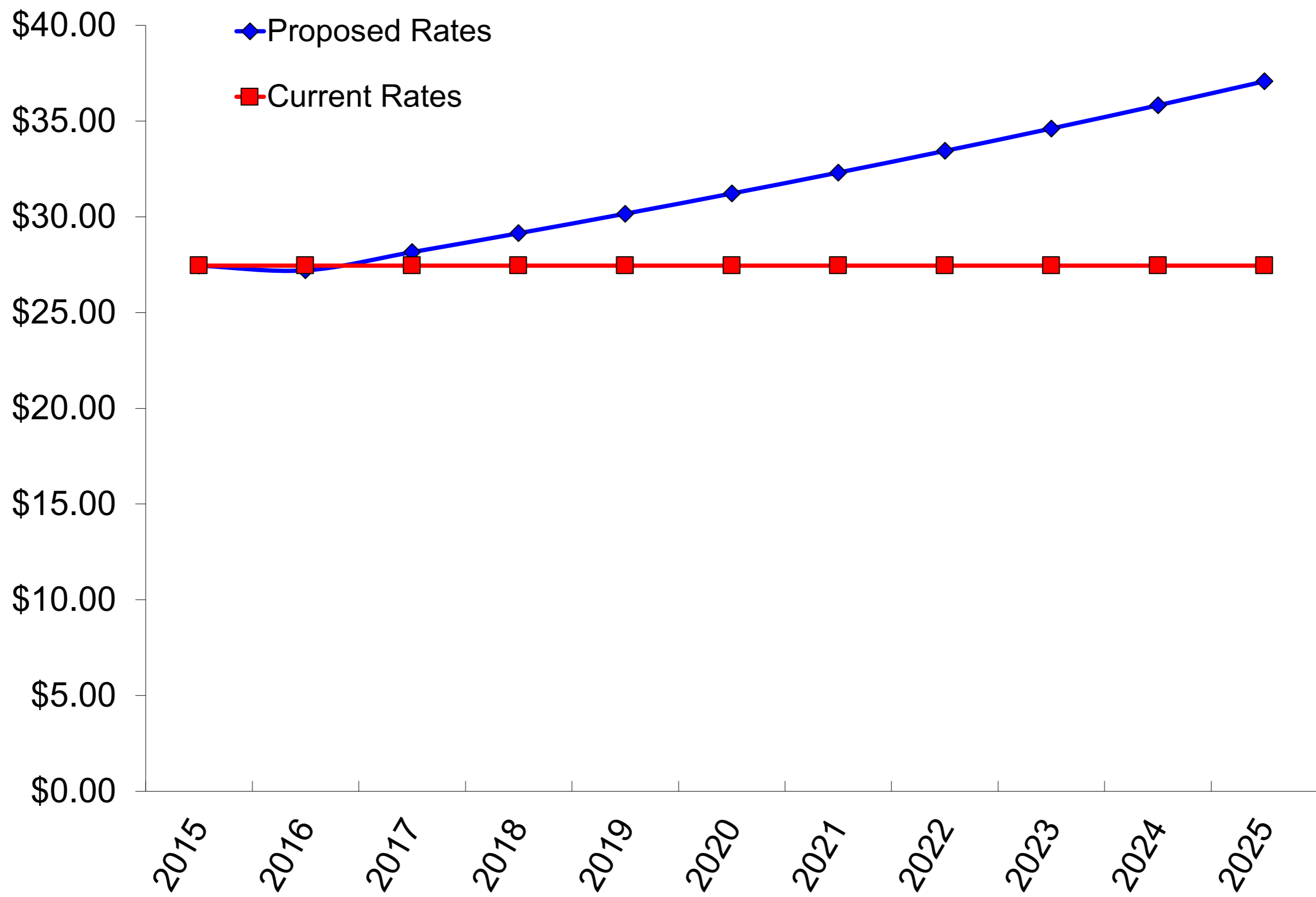


Chart 4 - Affordability Index

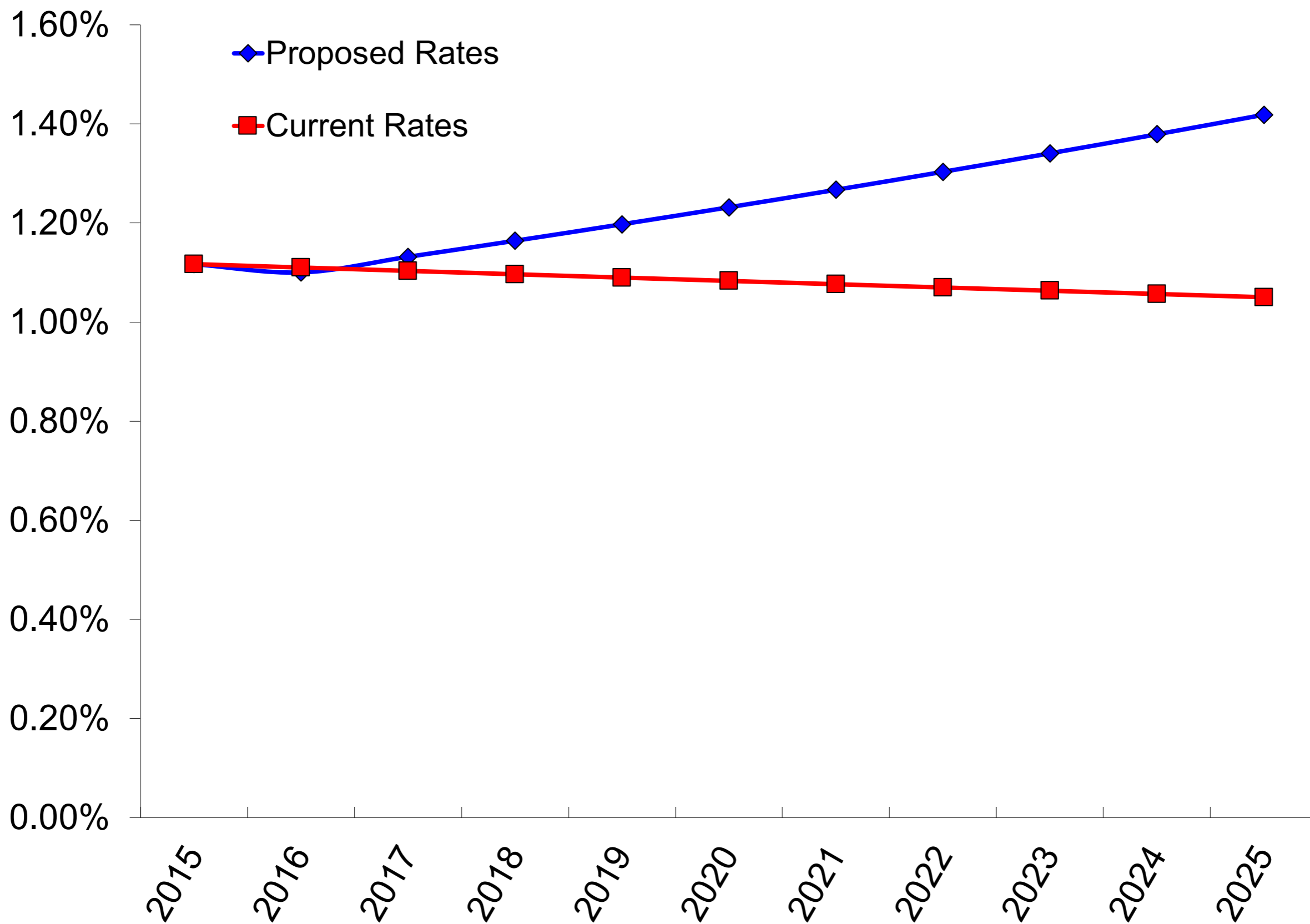


Chart 5 - Working Capital vs Goal

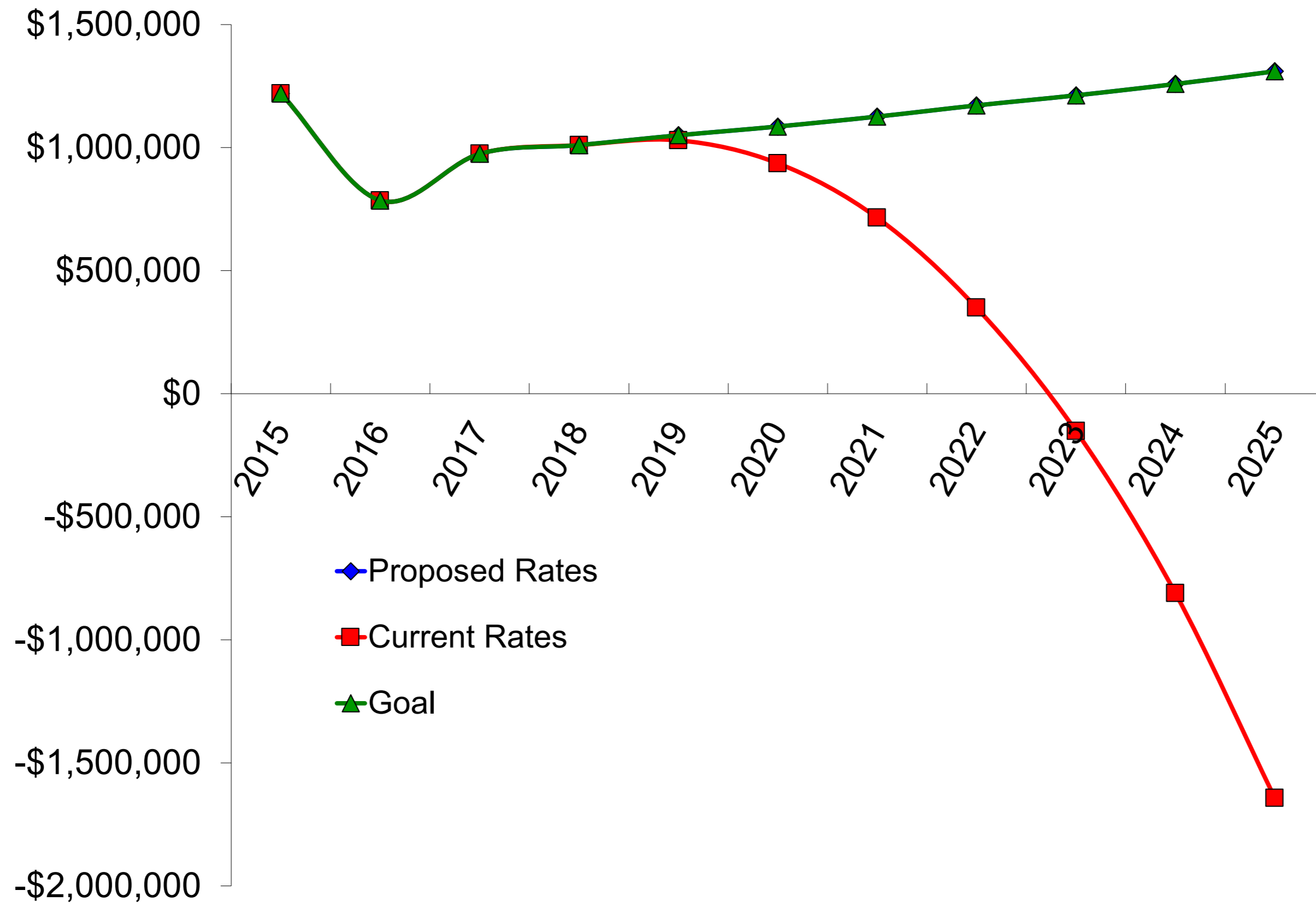


Chart 6 - Value of Cash Assets Before Inflation

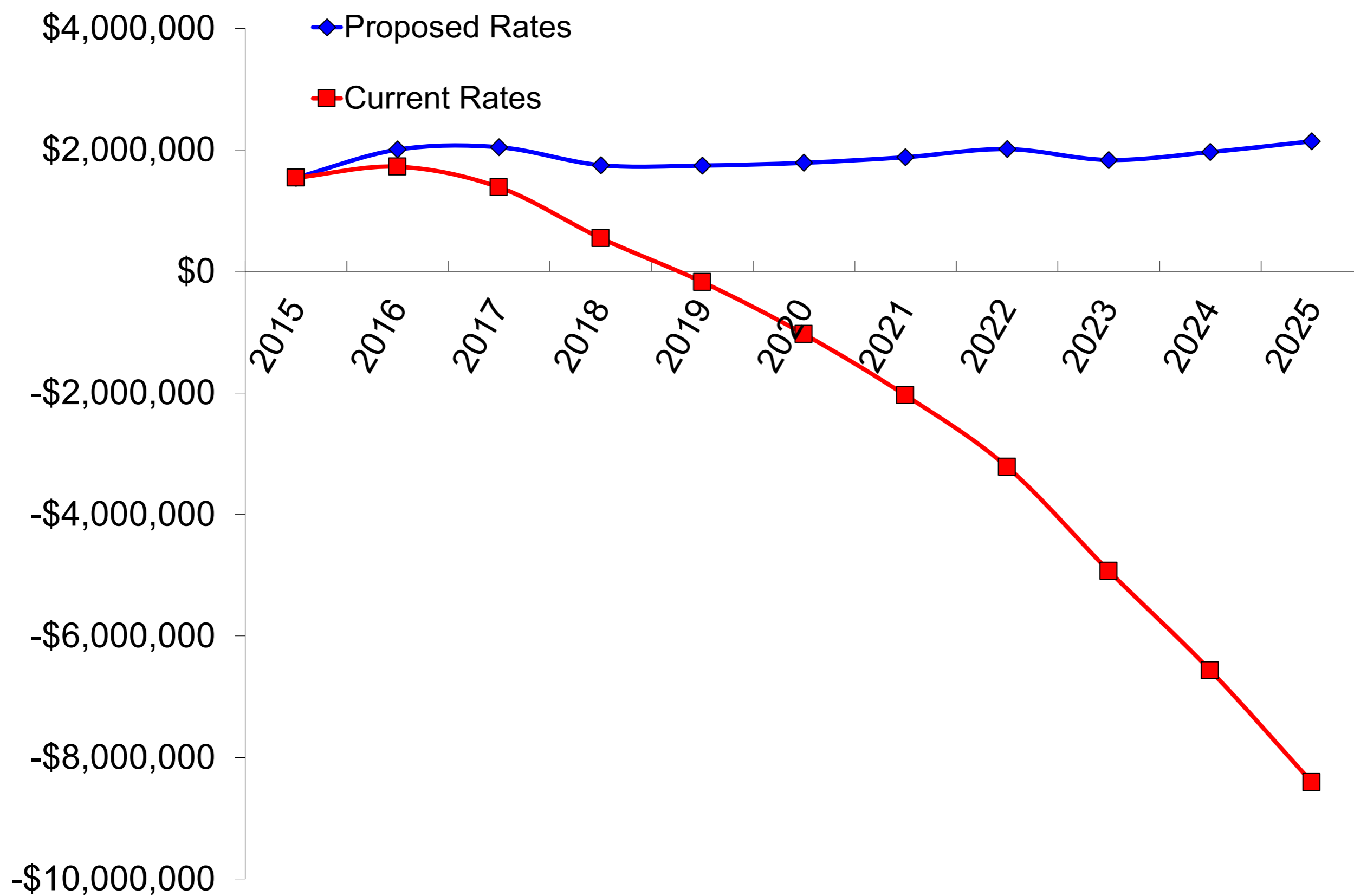
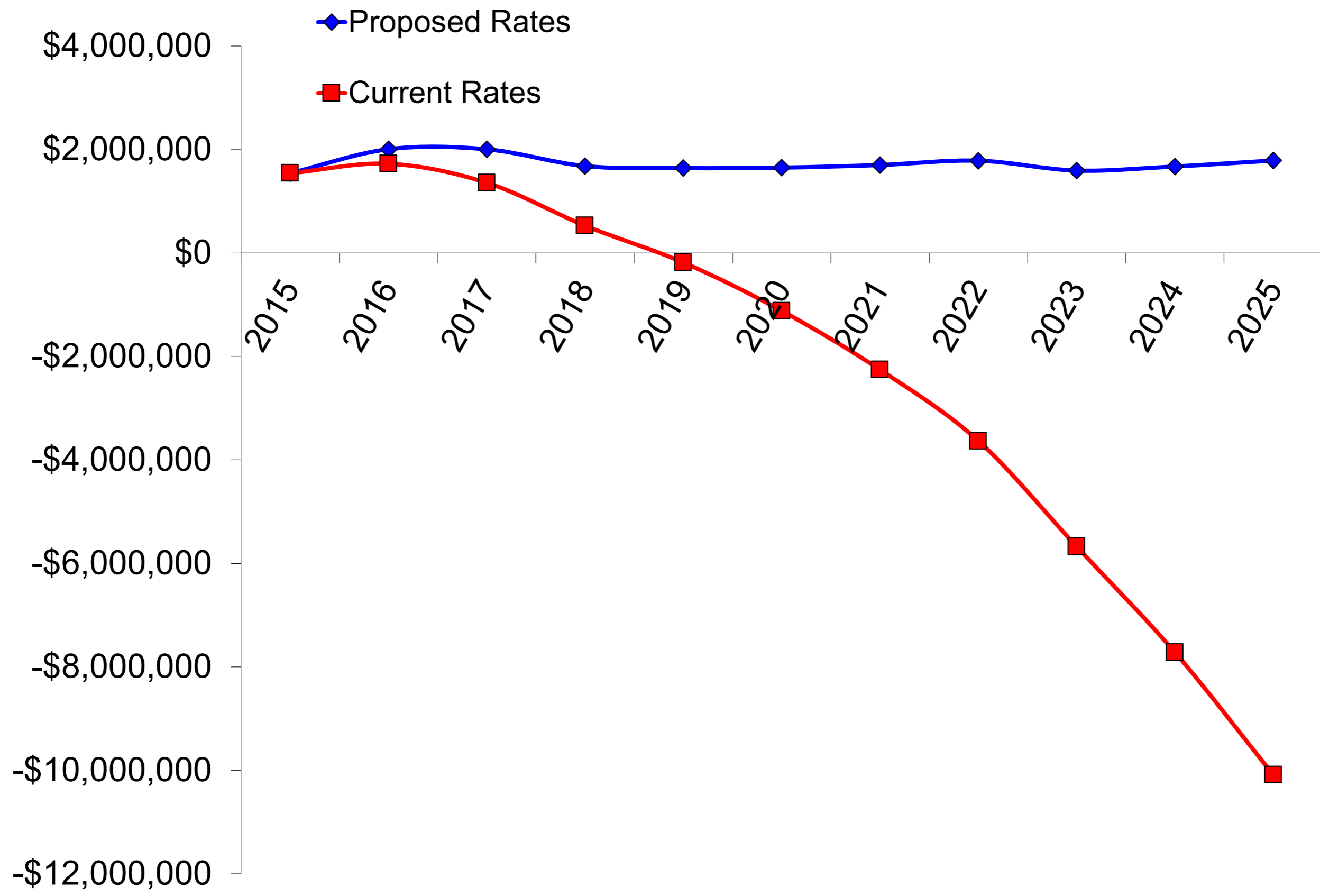


Chart 7 - Value of Cash Assets After Inflation



Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 9 - Meter-size Based Tap Fees

This table calculates tap fees to charge each meter size and total tap fee revenues that would be generated during one full year following initial adjustment. This table only covers meter size-based installation fees. Share purchase is not included in this calculation.

In-District Customers

Meter Size	Meter Size in Square Inches	Mix of New Taps in a Typical Year	AWWA Capacity Multiplier for Each Meter Size	Total AWWA Capacity "Shares" Attributable to Each Meter Size Group	AWWA-based Capacity Cost Each Meter Size	Economy of Scale Discount Rate	Out of District Surcharge Factor	Total New Tap Fees Each Meter Size	Full-year Tap Fee Income From Each Size Class
Five Eighths	0.31	44.4	1.0	44.4	\$1,642	100%	100%	\$1,642	\$72,856
Three Quarters	0.44	14.8	1.5	22.2	\$1,642	100%	100%	\$1,642	\$24,333
One Inch	0.79	0.4	2.5	0.9	\$4,106	88%	100%	\$3,613	\$1,288
One & a Half Inch	1.77	0.0	5.0	0.1	\$8,212	77%	100%	\$6,359	\$79
Two Inch	3.14	0.4	16.0	6.2	\$26,278	68%	100%	\$17,908	\$6,944
Three Inch	7.07	0.0	43.5	1.0	\$71,444	60%	100%	\$42,844	\$977
Four Inch	12.57	0.0	75.0	3.4	\$123,179	53%	100%	\$65,005	\$2,965
Six Inch	28.27	0.0	160.0	0.0	\$262,782	46%	100%	\$122,037	\$0
Eight Inch	50.27	0.0	280.0	0.0	\$459,868	41%	100%	\$187,937	\$0
Ten Inch	78.54	0.0	420.0	0.0	\$689,802	36%	100%	\$248,077	\$0
Twelve Inch	113.10	0.0	530.0	0.0	\$870,464	32%	100%	\$275,483	\$0
Total:		60.0		78.2		Projected Tap Fees for One Full Year Following Initial Adjustment			\$109,441
Economy of Scale Factor:	12.0%	Capacity Cost to Recover per AWWA Capacity Multiplier Unit:			\$1,642	Prorated Tap Fees to Collect This Year		\$18,240	
(This amount is the full-year tap fee prorated to account for time of year when rates will be adjusted initially. This amount is included in Table 2 where it is called, "Meter-size Based Tap Fees.")									

Notes:

Because growth rates and meter sizes to be installed in future years cannot be predicted with certainty, tap fee revenues are also uncertain. However, the projections above are based upon historical growth and meter sizes so they should be reasonable estimates. Generally, tap fees should only be used to pay for capital improvements so there is usually time to make adjustments in fee levels.

Economy of Scale Discount Rate - Generally the cost of infrastructure to serve a customer does not go up as quickly as their capacity (meter size) goes up. That is called economy of scale. This value is an estimate of the economy of scale the system enjoys as meter size goes up. Generally this factor should be no more than about 7%.

In the interest of simplicity, 3/4 inch meters, which are usually residential meters, may have been calculated at the 5/8 inch meter capacity for tap fee calculation purposes.

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 10 - Capacity Charges Based on Meter Size

This table depicts minimum charges that are commensurate with the potential of each customer, based on their connection or meter size, to place flow demands on the system.

In-District Customers

Meter Size	Number Meters This Size	AWWA Capacity Multiplier for Each Meter Size	Total AWWA Capacity "Shares" Attributable to Each Meter Size Group	AWWA-based Annual Capacity Cost Each Meter Size	Capacity Charge per Meter per Billing Period	Economy of Scale Discount Rate	Adjusted Capacity Costs per Meter per Billing Period	Uniform Adjustment to Minimum Charge	Out of District Surcharge Factor	New Proportional Base Minimum Charge Rate	Total Surcharged Minimum Charge per Billing Period ¹	Total Annual Capacity Surcharges for Each Meter Size ²	
Five Eighths	3,890	1.0	3,890	\$56	\$4.68	100%	\$4.68	\$0.00	100%	\$12.42	\$17.10	\$218,567	
Three Quarters	1,299	1.5	1,949	\$84	\$7.02	100%	\$4.68	\$0.00	100%	\$12.42	\$17.10	\$72,998	
One Inch	31	2.5	78	\$140	\$11.71	100%	\$11.71	\$0.00	100%	\$12.42	\$24.13	\$4,390	
One & a Half Inch	1	5.0	5	\$281	\$23.41	100%	\$23.41	\$0.00	100%	\$12.42	\$35.83	\$304	
Two Inch	34	16.0	544	\$899	\$74.92	100%	\$74.92	\$0.00	100%	\$12.42	\$87.34	\$30,568	
Three Inch	2	43.5	87	\$2,444	\$203.70	100%	\$203.70	\$0.00	100%	\$12.42	\$216.12	\$4,889	
Four Inch	4	75.0	300	\$4,214	\$351.20	100%	\$351.20	\$0.00	100%	\$12.42	\$363.62	\$16,858	
Six Inch	0	160.0	0	\$8,991	\$749.22	100%	\$749.22	\$0.00	100%	\$12.42	\$761.64	\$0	
Eight Inch	0	280.0	0	\$15,734	\$1,311.14	100%	\$1,311.14	\$0.00	100%	\$12.42	\$1,323.56	\$0	
Ten Inch	0	420.0	0	\$23,601	\$1,966.71	100%	\$1,966.71	\$0.00	100%	\$12.42	\$1,979.13	\$0	
Twelve Inch	0	530.0	0	\$29,782	\$2,481.80	100%	\$2,481.80	\$0.00	100%	\$12.42	\$2,494.22	\$0	
Total:	5,261		6,853									\$348,574	
Economy of Scale Factor:			0.0%									Prorated Capacity Surcharges	\$58,096

The prorated minimum and capacity surcharges amount immediately above is the amount to be collected after rates are adjusted. If rates in Table 12 are meter sized-based, this amount is filtered into the calculated rate revenues of Table 12 for each rate class. Otherwise, it is included as a separate amount at the bottom of that table.

¹ Total Surcharged Minimum Charge per Billing Period - If minimum charge fees are to be based upon meter size, use the charges in this column if different from those in Table 1.

² Total Annual Capacity Surcharges for Each Meter Size - The sum at the bottom of this column is the dollar amount that meter size based surcharges will generate in one full year.

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 11 - Initial Rate Adjustments and Resulting Revenues

This table depicts how rates would be set and the revenues they would generate.

Out of Area Multiplier 150% Conservation Rate Block Multiplier 133% Other Multiplier 100%

5/1/16 Date when fees will first be collected at adjusted rates. Actual adjustment should occur one billing period earlier.

If there are no special costs to consider and before capacity costs are added, if appropriate, rates for a 5/8" meter would be "proportional to use" when there is no usage allowance, the minimum charge is	\$12.42	Monthly, and the unit charge is	\$2.02	per 1,000 Gallons.
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After rate adjustments are made, general customers will be billed monthly.

Sales to be billed this year: Sales at the current (Test Year) rates (gray highlighted column) will apply until rates are adjusted. Sales at the modeled rates (yellow highlighted column) would apply if the modeled rates are adopted. The grand total "blended" sales revenues are the total revenues generated by the two different sets of rates. Those show in the right-most column.

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Sales This Year at Current Rates	Number of Customers With Volume That "Maxed Out" Within Each Range	New Minimum Charge Base Rates ¹	New Usage Allowance in 1,000 Gallons	New Unit Charge per 1,000 Gallons	Sales This Year at Modeled Rates	Grand Total "Blended" Sales This Year
0.625" Residential <10,000 Gallons	0	999	\$119,716	397	\$17.10	0.000	\$2.02	\$24,155	\$143,871
	1,000	1,999	\$87,338	230	\$17.10	0.000	\$2.02	\$17,719	\$105,057
	2,000	2,999	\$99,147	330	\$17.10	0.000	\$2.02	\$20,002	\$119,149
	3,000	3,999	\$105,689	388	\$17.10	0.000	\$2.02	\$20,519	\$126,208
	4,000	4,999	\$95,471	377	\$17.10	0.000	\$2.02	\$18,581	\$114,052
	5,000	5,999	\$82,026	345	\$17.10	0.000	\$2.69	\$17,401	\$99,427
	6,000	6,999	\$68,848	299	\$17.10	0.000	\$2.69	\$14,116	\$82,964
	7,000	7,999	\$51,778	237	\$17.10	0.000	\$2.69	\$10,554	\$62,332
	8,000	8,999	\$38,636	191	\$17.10	0.000	\$2.69	\$7,807	\$46,443
	9,000	9,999	\$27,143	147	\$17.10	0.000	\$2.69	\$5,416	\$32,559
	10,000	14,999	\$0	0	\$17.10	0.000	\$3.59	\$0	\$0
	15,000	19,999	\$0	0	\$17.10	0.000	\$3.59	\$0	\$0
	20,000	29,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0
	30,000	39,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0
	40,000	49,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0
	50,000	59,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0
	60,000	69,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0
70,000	79,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	
80,000	89,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	
90,000	99,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	
100,000	109,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	
110,000	119,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	
120,000	129,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	
130,000	139,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	
140,000	149,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	
150,000	159,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	
160,000	99,999,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	
0.750" Residential <10,000 Gallons	0	999	\$38,870	136	\$17.10	0.000	\$2.02	\$7,832	\$46,701
	1,000	1,999	\$27,789	79	\$17.10	0.000	\$2.02	\$5,628	\$33,417
	2,000	2,999	\$28,935	95	\$17.10	0.000	\$2.02	\$5,839	\$34,774
	3,000	3,999	\$30,105	108	\$17.10	0.000	\$2.02	\$5,840	\$35,945
	4,000	4,999	\$28,144	110	\$17.10	0.000	\$2.02	\$5,475	\$33,619
	5,000	5,999	\$24,614	103	\$17.10	0.000	\$2.69	\$5,228	\$29,843
	6,000	6,999	\$20,506	88	\$17.10	0.000	\$2.69	\$4,210	\$24,715
	7,000	7,999	\$15,882	72	\$17.10	0.000	\$2.69	\$3,240	\$19,122
	8,000	8,999	\$11,918	58	\$17.10	0.000	\$2.69	\$2,410	\$14,328
	9,000	9,999	\$9,039	49	\$17.10	0.000	\$2.69	\$1,804	\$10,843
	10,000	14,999	\$0	0	\$17.10	0.000	\$3.59	\$0	\$0
	15,000	19,999	\$0	0	\$17.10	0.000	\$3.59	\$0	\$0
	20,000	29,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0
	30,000	39,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0
	40,000	49,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0
	50,000	59,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0
	60,000	69,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0
70,000	79,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	
80,000	89,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	
90,000	99,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	
100,000	109,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	
110,000	119,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	
120,000	129,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	
130,000	139,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	
140,000	149,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	
150,000	159,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	
160,000	99,999,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	

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Table 11 - Initial Rate Adjustments and Resulting Revenues

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Sales This Year at Current Rates	Number of Customers With Volume That "Maxed Out" Within Each Range	New Minimum Charge Base Rates ¹	New Usage Allowance in 1,000 Gallons	New Unit Charge per 1,000 Gallons	Sales This Year at Modeled Rates	Grand Total "Blended" Sales This Year
1.000" Residential <10,000 Gallons	0	999	\$81	0	\$24.13	0.000	\$2.02	\$18	\$99
	1,000	1,999	\$91	0	\$24.13	0.000	\$2.02	\$21	\$112
	2,000	2,999	\$197	1	\$24.13	0.000	\$2.02	\$51	\$248
	3,000	3,999	\$119	0	\$24.13	0.000	\$2.02	\$29	\$148
	4,000	4,999	\$150	1	\$24.13	0.000	\$2.02	\$39	\$189
	5,000	5,999	\$55	0	\$24.13	0.000	\$2.69	\$15	\$70
	6,000	6,999	\$52	0	\$24.13	0.000	\$2.69	\$13	\$65
	7,000	7,999	\$75	0	\$24.13	0.000	\$2.69	\$20	\$95
	8,000	8,999	\$68	0	\$24.13	0.000	\$2.69	\$19	\$87
	9,000	9,999	\$46	0	\$24.13	0.000	\$2.69	\$13	\$59
	10,000	14,999	\$0	0	\$24.13	0.000	\$3.59	\$0	\$0
	15,000	19,999	\$0	0	\$24.13	0.000	\$3.59	\$0	\$0
	20,000	29,999	\$0	0	\$24.13	0.000	\$4.79	\$0	\$0
	30,000	39,999	\$0	0	\$24.13	0.000	\$4.79	\$0	\$0
	40,000	49,999	\$0	0	\$24.13	0.000	\$4.79	\$0	\$0
	50,000	59,999	\$0	0	\$24.13	0.000	\$4.79	\$0	\$0
	60,000	69,999	\$0	0	\$24.13	0.000	\$4.79	\$0	\$0
	70,000	79,999	\$0	0	\$24.13	0.000	\$4.79	\$0	\$0
	80,000	89,999	\$0	0	\$24.13	0.000	\$4.79	\$0	\$0
	90,000	99,999	\$0	0	\$24.13	0.000	\$4.79	\$0	\$0
100,000	109,999	\$0	0	\$24.13	0.000	\$4.79	\$0	\$0	
110,000	119,999	\$0	0	\$24.13	0.000	\$4.79	\$0	\$0	
120,000	129,999	\$0	0	\$24.13	0.000	\$4.79	\$0	\$0	
130,000	139,999	\$0	0	\$24.13	0.000	\$4.79	\$0	\$0	
140,000	149,999	\$0	0	\$24.13	0.000	\$4.79	\$0	\$0	
150,000	159,999	\$0	0	\$24.13	0.000	\$4.79	\$0	\$0	
160,000	99,999,999	\$0	0	\$24.13	0.000	\$4.79	\$0	\$0	
1.500" Residential <10,000 Gallons	0	999	\$2	0	\$35.83	0.000	\$2.02	\$0	\$2
	1,000	1,999	\$16	0	\$35.83	0.000	\$2.02	\$6	\$22
	2,000	2,999	\$0	0	\$35.83	0.000	\$2.02	\$0	\$0
	3,000	3,999	\$0	0	\$35.83	0.000	\$2.02	\$0	\$0
	4,000	4,999	\$0	0	\$35.83	0.000	\$2.02	\$0	\$0
	5,000	5,999	\$0	0	\$35.83	0.000	\$2.69	\$0	\$0
	6,000	6,999	\$0	0	\$35.83	0.000	\$2.69	\$0	\$0
	7,000	7,999	\$0	0	\$35.83	0.000	\$2.69	\$0	\$0
	8,000	8,999	\$0	0	\$35.83	0.000	\$2.69	\$0	\$0
	9,000	9,999	\$0	0	\$35.83	0.000	\$2.69	\$0	\$0
	10,000	14,999	\$0	0	\$35.83	0.000	\$3.59	\$0	\$0
	15,000	19,999	\$0	0	\$35.83	0.000	\$3.59	\$0	\$0
	20,000	29,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0
	30,000	39,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0
	40,000	49,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0
	50,000	59,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0
	60,000	69,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0
	70,000	79,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0
	80,000	89,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0
	90,000	99,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0
100,000	109,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0	
110,000	119,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0	
120,000	129,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0	
130,000	139,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0	
140,000	149,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0	
150,000	159,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0	
160,000	99,999,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 11 - Initial Rate Adjustments and Resulting Revenues

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Sales This Year at Current Rates	Number of Customers With Volume That "Maxed Out" Within Each Range	New Minimum Charge Base Rates ¹	New Usage Allowance in 1,000 Gallons	New Unit Charge per 1,000 Gallons	Sales This Year at Modeled Rates	Grand Total "Blended" Sales This Year
2.000" Residential <10,000 Gallons	0	999	\$469	2	\$87.34	0.000	\$2.02	\$421	\$890
	1,000	1,999	\$96	0	\$87.34	0.000	\$2.02	\$55	\$151
	2,000	2,999	\$170	1	\$87.34	0.000	\$2.02	\$139	\$310
	3,000	3,999	\$66	0	\$87.34	0.000	\$2.02	\$36	\$102
	4,000	4,999	\$50	0	\$87.34	0.000	\$2.02	\$21	\$71
	5,000	5,999	\$60	0	\$87.34	0.000	\$2.69	\$37	\$97
	6,000	6,999	\$90	0	\$87.34	0.000	\$2.69	\$66	\$155
	7,000	7,999	\$146	1	\$87.34	0.000	\$2.69	\$135	\$280
	8,000	8,999	\$48	0	\$87.34	0.000	\$2.69	\$45	\$92
	9,000	9,999	\$16	0	\$87.34	0.000	\$2.69	\$15	\$31
	10,000	14,999	\$0	0	\$87.34	0.000	\$3.59	\$0	\$0
	15,000	19,999	\$0	0	\$87.34	0.000	\$3.59	\$0	\$0
	20,000	29,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0
	30,000	39,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0
	40,000	49,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0
	50,000	59,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0
	60,000	69,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0
	70,000	79,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0
	80,000	89,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0
	90,000	99,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0
100,000	109,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0	
110,000	119,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0	
120,000	129,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0	
130,000	139,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0	
140,000	149,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0	
150,000	159,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0	
160,000	99,999,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0	
0.625" Residential >=10,000 Gallons	0	999	\$18,418	0	\$17.10	0.000	\$2.02	\$3,816	\$22,234
	1,000	1,999	\$18,418	0	\$17.10	0.000	\$2.02	\$3,816	\$22,234
	2,000	2,999	\$18,418	0	\$17.10	0.000	\$2.02	\$3,816	\$22,234
	3,000	3,999	\$20,307	0	\$17.10	0.000	\$2.02	\$3,816	\$24,123
	4,000	4,999	\$20,307	0	\$17.10	0.000	\$2.02	\$3,816	\$24,123
	5,000	5,999	\$20,307	0	\$17.10	0.000	\$2.69	\$5,087	\$25,394
	6,000	6,999	\$22,385	0	\$17.10	0.000	\$2.69	\$5,087	\$27,472
	7,000	7,999	\$22,385	0	\$17.10	0.000	\$2.69	\$5,087	\$27,472
	8,000	8,999	\$22,385	0	\$17.10	0.000	\$2.69	\$5,087	\$27,472
	9,000	9,999	\$22,385	0	\$17.10	0.000	\$2.69	\$5,087	\$27,472
	10,000	14,999	\$210,460	445	\$17.10	0.000	\$3.59	\$39,981	\$250,441
	15,000	19,999	\$107,700	204	\$17.10	0.000	\$3.59	\$20,852	\$128,552
	20,000	29,999	\$103,823	178	\$17.10	0.000	\$4.79	\$24,148	\$127,971
	30,000	39,999	\$44,333	65	\$17.10	0.000	\$4.79	\$9,880	\$54,213
	40,000	49,999	\$21,484	26	\$17.10	0.000	\$4.79	\$4,563	\$26,047
	50,000	59,999	\$13,368	13	\$17.10	0.000	\$4.79	\$2,330	\$15,698
	60,000	69,999	\$7,022	6	\$17.10	0.000	\$4.79	\$1,229	\$8,251
	70,000	79,999	\$4,010	3	\$17.10	0.000	\$4.79	\$704	\$4,714
	80,000	89,999	\$2,555	2	\$17.10	0.000	\$4.79	\$451	\$3,006
	90,000	99,999	\$1,863	1	\$17.10	0.000	\$4.79	\$332	\$2,195
100,000	109,999	\$1,314	1	\$17.10	0.000	\$4.79	\$230	\$1,544	
110,000	119,999	\$783	1	\$17.10	0.000	\$4.79	\$138	\$921	
120,000	129,999	\$574	1	\$17.10	0.000	\$4.79	\$100	\$674	
130,000	139,999	\$260	0	\$17.10	0.000	\$4.79	\$46	\$306	
140,000	149,999	\$172	0	\$17.10	0.000	\$4.79	\$30	\$202	
150,000	159,999	\$88	0	\$17.10	0.000	\$4.79	\$16	\$104	
160,000	99,999,999	\$191	0	\$17.10	0.000	\$4.79	\$33	\$224	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 11 - Initial Rate Adjustments and Resulting Revenues

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Sales This Year at Current Rates	Number of Customers With Volume That "Maxed Out" Within Each Range	New Minimum Charge Base Rates ¹	New Usage Allowance in 1,000 Gallons	New Unit Charge per 1,000 Gallons	Sales This Year at Modeled Rates	Grand Total "Blended" Sales This Year
0.750" Residential >=10,000 Gallons	0	999	\$6,674	0	\$17.10	0.000	\$2.02	\$1,383	\$8,057
	1,000	1,999	\$6,674	0	\$17.10	0.000	\$2.02	\$1,383	\$8,057
	2,000	2,999	\$6,674	0	\$17.10	0.000	\$2.02	\$1,383	\$8,057
	3,000	3,999	\$7,358	0	\$17.10	0.000	\$2.02	\$1,383	\$8,741
	4,000	4,999	\$7,358	0	\$17.10	0.000	\$2.02	\$1,383	\$8,741
	5,000	5,999	\$7,358	0	\$17.10	0.000	\$2.69	\$1,843	\$9,202
	6,000	6,999	\$8,111	0	\$17.10	0.000	\$2.69	\$1,843	\$9,955
	7,000	7,999	\$8,111	0	\$17.10	0.000	\$2.69	\$1,843	\$9,955
	8,000	8,999	\$8,111	0	\$17.10	0.000	\$2.69	\$1,843	\$9,955
	9,000	9,999	\$8,111	0	\$17.10	0.000	\$2.69	\$1,843	\$9,955
	10,000	14,999	\$75,307	153	\$17.10	0.000	\$3.59	\$14,417	\$89,724
	15,000	19,999	\$40,431	74	\$17.10	0.000	\$3.59	\$7,861	\$48,292
	20,000	29,999	\$40,528	65	\$17.10	0.000	\$4.79	\$9,569	\$50,097
	30,000	39,999	\$19,053	25	\$17.10	0.000	\$4.79	\$4,310	\$23,363
	40,000	49,999	\$10,420	12	\$17.10	0.000	\$4.79	\$2,217	\$12,636
	50,000	59,999	\$6,915	5	\$17.10	0.000	\$4.79	\$1,216	\$8,130
	60,000	69,999	\$4,205	4	\$17.10	0.000	\$4.79	\$734	\$4,939
	70,000	79,999	\$2,199	2	\$17.10	0.000	\$4.79	\$387	\$2,586
	80,000	89,999	\$1,455	1	\$17.10	0.000	\$4.79	\$254	\$1,710
	90,000	99,999	\$690	0	\$17.10	0.000	\$4.79	\$122	\$813
100,000	109,999	\$548	0	\$17.10	0.000	\$4.79	\$97	\$645	
110,000	119,999	\$460	0	\$17.10	0.000	\$4.79	\$82	\$542	
120,000	129,999	\$353	0	\$17.10	0.000	\$4.79	\$64	\$417	
130,000	139,999	\$349	0	\$17.10	0.000	\$4.79	\$62	\$411	
140,000	149,999	\$309	0	\$17.10	0.000	\$4.79	\$56	\$365	
150,000	159,999	\$309	0	\$17.10	0.000	\$4.79	\$56	\$365	
160,000	99,999,999	\$49,230	1	\$17.10	0.000	\$4.79	\$8,886	\$58,115	
1.000" Residential >=10,000 Gallons	0	999	\$57	0	\$24.13	0.000	\$2.02	\$12	\$69
	1,000	1,999	\$57	0	\$24.13	0.000	\$2.02	\$12	\$69
	2,000	2,999	\$57	0	\$24.13	0.000	\$2.02	\$12	\$69
	3,000	3,999	\$63	0	\$24.13	0.000	\$2.02	\$12	\$74
	4,000	4,999	\$63	0	\$24.13	0.000	\$2.02	\$12	\$74
	5,000	5,999	\$63	0	\$24.13	0.000	\$2.69	\$16	\$78
	6,000	6,999	\$69	0	\$24.13	0.000	\$2.69	\$16	\$85
	7,000	7,999	\$69	0	\$24.13	0.000	\$2.69	\$16	\$85
	8,000	8,999	\$69	0	\$24.13	0.000	\$2.69	\$16	\$85
	9,000	9,999	\$69	0	\$24.13	0.000	\$2.69	\$16	\$85
	10,000	14,999	\$536	1	\$24.13	0.000	\$3.59	\$119	\$655
	15,000	19,999	\$458	1	\$24.13	0.000	\$3.59	\$101	\$560
	20,000	29,999	\$626	1	\$24.13	0.000	\$4.79	\$161	\$786
	30,000	39,999	\$279	0	\$24.13	0.000	\$4.79	\$72	\$351
	40,000	49,999	\$278	0	\$24.13	0.000	\$4.79	\$64	\$342
	50,000	59,999	\$250	0	\$24.13	0.000	\$4.79	\$46	\$296
	60,000	69,999	\$167	0	\$24.13	0.000	\$4.79	\$31	\$198
	70,000	79,999	\$67	0	\$24.13	0.000	\$4.79	\$13	\$80
	80,000	89,999	\$0	0	\$24.13	0.000	\$4.79	\$0	\$0
	90,000	99,999	\$0	0	\$24.13	0.000	\$4.79	\$0	\$0
100,000	109,999	\$0	0	\$24.13	0.000	\$4.79	\$0	\$0	
110,000	119,999	\$0	0	\$24.13	0.000	\$4.79	\$0	\$0	
120,000	129,999	\$0	0	\$24.13	0.000	\$4.79	\$0	\$0	
130,000	139,999	\$0	0	\$24.13	0.000	\$4.79	\$0	\$0	
140,000	149,999	\$0	0	\$24.13	0.000	\$4.79	\$0	\$0	
150,000	159,999	\$0	0	\$24.13	0.000	\$4.79	\$0	\$0	
160,000	99,999,999	\$0	0	\$24.13	0.000	\$4.79	\$0	\$0	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 11 - Initial Rate Adjustments and Resulting Revenues

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Sales This Year at Current Rates	Number of Customers With Volume That "Maxed Out" Within Each Range	New Minimum Charge Base Rates ¹	New Usage Allowance in 1,000 Gallons	New Unit Charge per 1,000 Gallons	Sales This Year at Modeled Rates	Grand Total "Blended" Sales This Year
1.500" Residential >=10,000 Gallons	0	999	\$20	0	\$35.83	0.000	\$2.02	\$4	\$24
	1,000	1,999	\$20	0	\$35.83	0.000	\$2.02	\$4	\$24
	2,000	2,999	\$20	0	\$35.83	0.000	\$2.02	\$4	\$24
	3,000	3,999	\$22	0	\$35.83	0.000	\$2.02	\$4	\$26
	4,000	4,999	\$22	0	\$35.83	0.000	\$2.02	\$4	\$26
	5,000	5,999	\$22	0	\$35.83	0.000	\$2.69	\$5	\$27
	6,000	6,999	\$24	0	\$35.83	0.000	\$2.69	\$5	\$29
	7,000	7,999	\$24	0	\$35.83	0.000	\$2.69	\$5	\$29
	8,000	8,999	\$24	0	\$35.83	0.000	\$2.69	\$5	\$29
	9,000	9,999	\$24	0	\$35.83	0.000	\$2.69	\$5	\$29
	10,000	14,999	\$160	0	\$35.83	0.000	\$3.59	\$36	\$196
	15,000	19,999	\$160	0	\$35.83	0.000	\$3.59	\$36	\$196
	20,000	29,999	\$319	0	\$35.83	0.000	\$4.79	\$92	\$411
	30,000	39,999	\$279	0	\$35.83	0.000	\$4.79	\$76	\$355
	40,000	49,999	\$154	0	\$35.83	0.000	\$4.79	\$39	\$193
	50,000	59,999	\$100	0	\$35.83	0.000	\$4.79	\$23	\$123
	60,000	69,999	\$29	0	\$35.83	0.000	\$4.79	\$8	\$37
	70,000	79,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0
	80,000	89,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0
	90,000	99,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0
100,000	109,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0	
110,000	119,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0	
120,000	129,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0	
130,000	139,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0	
140,000	149,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0	
150,000	159,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0	
160,000	99,999,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0	
2.000" Residential >=10,000 Gallons	0	999	\$72	0	\$87.34	0.000	\$2.02	\$15	\$86
	1,000	1,999	\$72	0	\$87.34	0.000	\$2.02	\$15	\$86
	2,000	2,999	\$72	0	\$87.34	0.000	\$2.02	\$15	\$86
	3,000	3,999	\$79	0	\$87.34	0.000	\$2.02	\$15	\$94
	4,000	4,999	\$79	0	\$87.34	0.000	\$2.02	\$15	\$94
	5,000	5,999	\$79	0	\$87.34	0.000	\$2.69	\$20	\$99
	6,000	6,999	\$87	0	\$87.34	0.000	\$2.69	\$20	\$107
	7,000	7,999	\$87	0	\$87.34	0.000	\$2.69	\$20	\$107
	8,000	8,999	\$87	0	\$87.34	0.000	\$2.69	\$20	\$107
	9,000	9,999	\$87	0	\$87.34	0.000	\$2.69	\$20	\$107
	10,000	14,999	\$735	1	\$87.34	0.000	\$3.59	\$289	\$1,024
	15,000	19,999	\$547	1	\$87.34	0.000	\$3.59	\$237	\$784
	20,000	29,999	\$601	1	\$87.34	0.000	\$4.79	\$281	\$882
	30,000	39,999	\$263	0	\$87.34	0.000	\$4.79	\$87	\$350
	40,000	49,999	\$250	0	\$87.34	0.000	\$4.79	\$69	\$319
	50,000	59,999	\$255	0	\$87.34	0.000	\$4.79	\$68	\$323
	60,000	69,999	\$177	0	\$87.34	0.000	\$4.79	\$32	\$209
	70,000	79,999	\$177	0	\$87.34	0.000	\$4.79	\$32	\$209
	80,000	89,999	\$177	0	\$87.34	0.000	\$4.79	\$32	\$209
	90,000	99,999	\$177	0	\$87.34	0.000	\$4.79	\$32	\$209
100,000	109,999	\$177	0	\$87.34	0.000	\$4.79	\$32	\$209	
110,000	119,999	\$177	0	\$87.34	0.000	\$4.79	\$32	\$209	
120,000	129,999	\$177	0	\$87.34	0.000	\$4.79	\$32	\$209	
130,000	139,999	\$177	0	\$87.34	0.000	\$4.79	\$32	\$209	
140,000	149,999	\$177	0	\$87.34	0.000	\$4.79	\$32	\$209	
150,000	159,999	\$177	0	\$87.34	0.000	\$4.79	\$32	\$209	
160,000	99,999,999	\$3,658	0	\$87.34	0.000	\$4.79	\$705	\$4,363	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 11 - Initial Rate Adjustments and Resulting Revenues

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Sales This Year at Current Rates	Number of Customers With Volume That "Maxed Out" Within Each Range	New Minimum Charge Base Rates ¹	New Usage Allowance in 1,000 Gallons	New Unit Charge per 1,000 Gallons	Sales This Year at Modeled Rates	Grand Total "Blended" Sales This Year
0.625" Commercial	0	999	\$97	0	\$17.10	0.000	\$2.02	\$19	\$116
	1,000	1,999	\$113	0	\$17.10	0.000	\$2.02	\$21	\$135
	2,000	2,999	\$216	1	\$17.10	0.000	\$2.02	\$36	\$252
	3,000	3,999	\$192	1	\$17.10	0.000	\$2.02	\$31	\$223
	4,000	4,999	\$88	0	\$17.10	0.000	\$2.02	\$15	\$104
	5,000	5,999	\$102	0	\$17.10	0.000	\$2.69	\$20	\$122
	6,000	6,999	\$103	0	\$17.10	0.000	\$2.69	\$19	\$122
	7,000	7,999	\$222	1	\$17.10	0.000	\$2.69	\$36	\$259
	8,000	8,999	\$24	0	\$17.10	0.000	\$2.69	\$5	\$29
	9,000	9,999	\$42	0	\$17.10	0.000	\$2.69	\$8	\$50
	10,000	14,999	\$157	0	\$17.10	0.000	\$3.59	\$34	\$191
	15,000	19,999	\$140	0	\$17.10	0.000	\$3.59	\$30	\$170
	20,000	29,999	\$265	1	\$17.10	0.000	\$4.79	\$60	\$326
	30,000	39,999	\$90	0	\$17.10	0.000	\$4.79	\$19	\$109
	40,000	49,999	\$34	0	\$17.10	0.000	\$4.79	\$8	\$42
	50,000	59,999	\$44	0	\$17.10	0.000	\$4.79	\$8	\$52
	60,000	69,999	\$52	0	\$17.10	0.000	\$4.79	\$9	\$60
	70,000	79,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0
	80,000	89,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0
	90,000	99,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0
100,000	109,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	
110,000	119,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	
120,000	129,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	
130,000	139,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	
140,000	149,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	
150,000	159,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	
160,000	99,999,999	\$0	0	\$17.10	0.000	\$4.79	\$0	\$0	
0.750" Commercial	0	999	\$6,805	27	\$17.10	0.000	\$2.02	\$1,076	\$7,882
	1,000	1,999	\$1,898	6	\$17.10	0.000	\$2.02	\$320	\$2,218
	2,000	2,999	\$1,243	3	\$17.10	0.000	\$2.02	\$215	\$1,458
	3,000	3,999	\$1,032	3	\$17.10	0.000	\$2.02	\$174	\$1,205
	4,000	4,999	\$1,118	3	\$17.10	0.000	\$2.02	\$185	\$1,302
	5,000	5,999	\$905	3	\$17.10	0.000	\$2.69	\$171	\$1,076
	6,000	6,999	\$718	2	\$17.10	0.000	\$2.69	\$134	\$852
	7,000	7,999	\$571	1	\$17.10	0.000	\$2.69	\$109	\$679
	8,000	8,999	\$703	2	\$17.10	0.000	\$2.69	\$126	\$829
	9,000	9,999	\$686	2	\$17.10	0.000	\$2.69	\$119	\$806
	10,000	14,999	\$1,568	3	\$17.10	0.000	\$3.59	\$302	\$1,870
	15,000	19,999	\$888	1	\$17.10	0.000	\$3.59	\$179	\$1,067
	20,000	29,999	\$1,096	1	\$17.10	0.000	\$4.79	\$283	\$1,379
	30,000	39,999	\$902	1	\$17.10	0.000	\$4.79	\$218	\$1,120
	40,000	49,999	\$680	0	\$17.10	0.000	\$4.79	\$160	\$840
	50,000	59,999	\$895	0	\$17.10	0.000	\$4.79	\$161	\$1,056
	60,000	69,999	\$818	0	\$17.10	0.000	\$4.79	\$147	\$965
	70,000	79,999	\$795	0	\$17.10	0.000	\$4.79	\$144	\$939
	80,000	89,999	\$795	0	\$17.10	0.000	\$4.79	\$144	\$939
	90,000	99,999	\$781	0	\$17.10	0.000	\$4.79	\$140	\$922
100,000	109,999	\$751	0	\$17.10	0.000	\$4.79	\$136	\$886	
110,000	119,999	\$751	0	\$17.10	0.000	\$4.79	\$135	\$886	
120,000	129,999	\$694	0	\$17.10	0.000	\$4.79	\$125	\$818	
130,000	139,999	\$663	0	\$17.10	0.000	\$4.79	\$120	\$782	
140,000	149,999	\$663	0	\$17.10	0.000	\$4.79	\$120	\$782	
150,000	159,999	\$663	0	\$17.10	0.000	\$4.79	\$120	\$782	
160,000	99,999,999	\$184,019	1	\$17.10	0.000	\$4.79	\$33,220	\$217,239	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 11 - Initial Rate Adjustments and Resulting Revenues

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Sales This Year at Current Rates	Number of Customers With Volume That "Maxed Out" Within Each Range	New Minimum Charge Base Rates ¹	New Usage Allowance in 1,000 Gallons	New Unit Charge per 1,000 Gallons	Sales This Year at Modeled Rates	Grand Total "Blended" Sales This Year
1.000" Commercial	0	999	\$1,762	6	\$24.13	0.000	\$2.02	\$375	\$2,138
	1,000	1,999	\$690	2	\$24.13	0.000	\$2.02	\$145	\$835
	2,000	2,999	\$702	2	\$24.13	0.000	\$2.02	\$148	\$850
	3,000	3,999	\$695	2	\$24.13	0.000	\$2.02	\$141	\$836
	4,000	4,999	\$747	2	\$24.13	0.000	\$2.02	\$153	\$899
	5,000	5,999	\$363	1	\$24.13	0.000	\$2.69	\$87	\$450
	6,000	6,999	\$465	1	\$24.13	0.000	\$2.69	\$103	\$568
	7,000	7,999	\$321	0	\$24.13	0.000	\$2.69	\$72	\$393
	8,000	8,999	\$295	0	\$24.13	0.000	\$2.69	\$66	\$361
	9,000	9,999	\$289	0	\$24.13	0.000	\$2.69	\$65	\$354
	10,000	14,999	\$1,782	1	\$24.13	0.000	\$3.59	\$397	\$2,178
	15,000	19,999	\$1,814	3	\$24.13	0.000	\$3.59	\$400	\$2,214
	20,000	29,999	\$1,770	2	\$24.13	0.000	\$4.79	\$472	\$2,242
	30,000	39,999	\$1,166	1	\$24.13	0.000	\$4.79	\$291	\$1,458
	40,000	49,999	\$878	1	\$24.13	0.000	\$4.79	\$203	\$1,081
	50,000	59,999	\$727	0	\$24.13	0.000	\$4.79	\$133	\$861
	60,000	69,999	\$631	0	\$24.13	0.000	\$4.79	\$115	\$745
	70,000	79,999	\$589	0	\$24.13	0.000	\$4.79	\$109	\$698
	80,000	89,999	\$398	0	\$24.13	0.000	\$4.79	\$72	\$469
	90,000	99,999	\$400	0	\$24.13	0.000	\$4.79	\$73	\$473
100,000	109,999	\$376	0	\$24.13	0.000	\$4.79	\$69	\$446	
110,000	119,999	\$265	0	\$24.13	0.000	\$4.79	\$48	\$313	
120,000	129,999	\$265	0	\$24.13	0.000	\$4.79	\$48	\$313	
130,000	139,999	\$265	0	\$24.13	0.000	\$4.79	\$48	\$313	
140,000	149,999	\$265	0	\$24.13	0.000	\$4.79	\$48	\$313	
150,000	159,999	\$265	0	\$24.13	0.000	\$4.79	\$48	\$313	
160,000	99,999,999	\$1,547	1	\$24.13	0.000	\$4.79	\$283	\$1,831	
1.500" Commercial	0	999	\$0	0	\$35.83	0.000	\$2.02	\$0	\$0
	1,000	1,999	\$0	0	\$35.83	0.000	\$2.02	\$0	\$0
	2,000	2,999	\$0	0	\$35.83	0.000	\$2.02	\$0	\$0
	3,000	3,999	\$0	0	\$35.83	0.000	\$2.02	\$0	\$0
	4,000	4,999	\$0	0	\$35.83	0.000	\$2.02	\$0	\$0
	5,000	5,999	\$0	0	\$35.83	0.000	\$2.69	\$0	\$0
	6,000	6,999	\$0	0	\$35.83	0.000	\$2.69	\$0	\$0
	7,000	7,999	\$0	0	\$35.83	0.000	\$2.69	\$0	\$0
	8,000	8,999	\$0	0	\$35.83	0.000	\$2.69	\$0	\$0
	9,000	9,999	\$0	0	\$35.83	0.000	\$2.69	\$0	\$0
	10,000	14,999	\$0	0	\$35.83	0.000	\$3.59	\$0	\$0
	15,000	19,999	\$0	0	\$35.83	0.000	\$3.59	\$0	\$0
	20,000	29,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0
	30,000	39,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0
	40,000	49,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0
	50,000	59,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0
	60,000	69,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0
	70,000	79,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0
	80,000	89,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0
	90,000	99,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0
100,000	109,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0	
110,000	119,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0	
120,000	129,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0	
130,000	139,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0	
140,000	149,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0	
150,000	159,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0	
160,000	99,999,999	\$0	0	\$35.83	0.000	\$4.79	\$0	\$0	

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Table 11 - Initial Rate Adjustments and Resulting Revenues

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Sales This Year at Current Rates	Number of Customers With Volume That "Maxed Out" Within Each Range	New Minimum Charge Base Rates ¹	New Usage Allowance in 1,000 Gallons	New Unit Charge per 1,000 Gallons	Sales This Year at Modeled Rates	Grand Total "Blended" Sales This Year
2.000" Commercial	0	999	\$2,130	8	\$87.34	0.000	\$2.02	\$1,445	\$3,575
	1,000	1,999	\$551	1	\$87.34	0.000	\$2.02	\$242	\$793
	2,000	2,999	\$411	0	\$87.34	0.000	\$2.02	\$138	\$549
	3,000	3,999	\$613	1	\$87.34	0.000	\$2.02	\$281	\$894
	4,000	4,999	\$495	1	\$87.34	0.000	\$2.02	\$203	\$699
	5,000	5,999	\$422	1	\$87.34	0.000	\$2.69	\$175	\$597
	6,000	6,999	\$385	0	\$87.34	0.000	\$2.69	\$129	\$514
	7,000	7,999	\$411	1	\$87.34	0.000	\$2.69	\$155	\$567
	8,000	8,999	\$345	0	\$87.34	0.000	\$2.69	\$109	\$455
	9,000	9,999	\$323	0	\$87.34	0.000	\$2.69	\$94	\$417
	10,000	14,999	\$2,109	1	\$87.34	0.000	\$3.59	\$639	\$2,748
	15,000	19,999	\$1,933	2	\$87.34	0.000	\$3.59	\$641	\$2,574
	20,000	29,999	\$3,173	2	\$87.34	0.000	\$4.79	\$1,139	\$4,312
	30,000	39,999	\$2,565	1	\$87.34	0.000	\$4.79	\$825	\$3,391
	40,000	49,999	\$2,255	1	\$87.34	0.000	\$4.79	\$692	\$2,947
	50,000	59,999	\$2,124	0	\$87.34	0.000	\$4.79	\$439	\$2,563
	60,000	69,999	\$1,882	0	\$87.34	0.000	\$4.79	\$385	\$2,267
	70,000	79,999	\$1,749	0	\$87.34	0.000	\$4.79	\$327	\$2,076
	80,000	89,999	\$1,724	1	\$87.34	0.000	\$4.79	\$378	\$2,102
	90,000	99,999	\$1,448	0	\$87.34	0.000	\$4.79	\$306	\$1,755
100,000	109,999	\$1,288	0	\$87.34	0.000	\$4.79	\$288	\$1,577	
110,000	119,999	\$1,054	0	\$87.34	0.000	\$4.79	\$246	\$1,300	
120,000	129,999	\$820	0	\$87.34	0.000	\$4.79	\$182	\$1,001	
130,000	139,999	\$694	0	\$87.34	0.000	\$4.79	\$148	\$842	
140,000	149,999	\$598	0	\$87.34	0.000	\$4.79	\$142	\$740	
150,000	159,999	\$486	0	\$87.34	0.000	\$4.79	\$88	\$574	
160,000	99,999,999	\$5,431	1	\$87.34	0.000	\$4.79	\$1,104	\$6,535	
3.000" Commercial	0	999	\$181	1	\$216.12	0.000	\$2.02	\$295	\$475
	1,000	1,999	\$134	1	\$216.12	0.000	\$2.02	\$220	\$354
	2,000	2,999	\$52	0	\$216.12	0.000	\$2.02	\$75	\$127
	3,000	3,999	\$14	0	\$216.12	0.000	\$2.02	\$3	\$17
	4,000	4,999	\$14	0	\$216.12	0.000	\$2.02	\$3	\$17
	5,000	5,999	\$14	0	\$216.12	0.000	\$2.69	\$4	\$18
	6,000	6,999	\$16	0	\$216.12	0.000	\$2.69	\$4	\$19
	7,000	7,999	\$16	0	\$216.12	0.000	\$2.69	\$4	\$19
	8,000	8,999	\$16	0	\$216.12	0.000	\$2.69	\$4	\$19
	9,000	9,999	\$16	0	\$216.12	0.000	\$2.69	\$4	\$19
	10,000	14,999	\$107	0	\$216.12	0.000	\$3.59	\$24	\$131
	15,000	19,999	\$107	0	\$216.12	0.000	\$3.59	\$24	\$131
	20,000	29,999	\$225	0	\$216.12	0.000	\$4.79	\$64	\$289
	30,000	39,999	\$248	0	\$216.12	0.000	\$4.79	\$64	\$312
	40,000	49,999	\$272	0	\$216.12	0.000	\$4.79	\$64	\$336
	50,000	59,999	\$353	0	\$216.12	0.000	\$4.79	\$64	\$417
	60,000	69,999	\$353	0	\$216.12	0.000	\$4.79	\$64	\$417
	70,000	79,999	\$353	0	\$216.12	0.000	\$4.79	\$64	\$417
	80,000	89,999	\$353	0	\$216.12	0.000	\$4.79	\$64	\$417
	90,000	99,999	\$361	0	\$216.12	0.000	\$4.79	\$98	\$459
100,000	109,999	\$309	0	\$216.12	0.000	\$4.79	\$56	\$365	
110,000	119,999	\$309	0	\$216.12	0.000	\$4.79	\$56	\$365	
120,000	129,999	\$309	0	\$216.12	0.000	\$4.79	\$56	\$365	
130,000	139,999	\$309	0	\$216.12	0.000	\$4.79	\$56	\$365	
140,000	149,999	\$309	0	\$216.12	0.000	\$4.79	\$56	\$365	
150,000	159,999	\$309	0	\$216.12	0.000	\$4.79	\$56	\$365	
160,000	99,999,999	\$15,928	1	\$216.12	0.000	\$4.79	\$3,105	\$19,033	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 11 - Initial Rate Adjustments and Resulting Revenues

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Sales This Year at Current Rates	Number of Customers With Volume That "Maxed Out" Within Each Range	New Minimum Charge Base Rates ¹	New Usage Allowance in 1,000 Gallons	New Unit Charge per 1,000 Gallons	Sales This Year at Modeled Rates	Grand Total "Blended" Sales This Year
4.000" Commercial	0	999	\$294	1	\$363.62	0.000	\$2.02	\$741	\$1,035
	1,000	1,999	\$59	0	\$363.62	0.000	\$2.02	\$12	\$71
	2,000	2,999	\$77	0	\$363.62	0.000	\$2.02	\$73	\$149
	3,000	3,999	\$63	0	\$363.62	0.000	\$2.02	\$12	\$74
	4,000	4,999	\$63	0	\$363.62	0.000	\$2.02	\$12	\$74
	5,000	5,999	\$63	0	\$363.62	0.000	\$2.69	\$16	\$78
	6,000	6,999	\$69	0	\$363.62	0.000	\$2.69	\$16	\$85
	7,000	7,999	\$88	0	\$363.62	0.000	\$2.69	\$76	\$164
	8,000	8,999	\$67	0	\$363.62	0.000	\$2.69	\$15	\$82
	9,000	9,999	\$67	0	\$363.62	0.000	\$2.69	\$15	\$82
	10,000	14,999	\$476	0	\$363.62	0.000	\$3.59	\$220	\$695
	15,000	19,999	\$460	0	\$363.62	0.000	\$3.59	\$216	\$676
	20,000	29,999	\$898	1	\$363.62	0.000	\$4.79	\$586	\$1,484
	30,000	39,999	\$758	0	\$363.62	0.000	\$4.79	\$418	\$1,176
	40,000	49,999	\$686	0	\$363.62	0.000	\$4.79	\$329	\$1,015
	50,000	59,999	\$698	1	\$363.62	0.000	\$4.79	\$527	\$1,225
	60,000	69,999	\$402	0	\$363.62	0.000	\$4.79	\$359	\$760
	70,000	79,999	\$196	0	\$363.62	0.000	\$4.79	\$207	\$403
	80,000	89,999	\$88	0	\$363.62	0.000	\$4.79	\$16	\$104
	90,000	99,999	\$88	0	\$363.62	0.000	\$4.79	\$16	\$104
100,000	109,999	\$88	0	\$363.62	0.000	\$4.79	\$16	\$104	
110,000	119,999	\$88	0	\$363.62	0.000	\$4.79	\$16	\$104	
120,000	129,999	\$81	0	\$363.62	0.000	\$4.79	\$72	\$153	
130,000	139,999	\$23	0	\$363.62	0.000	\$4.79	\$61	\$85	
140,000	149,999	\$0	0	\$363.62	0.000	\$4.79	\$0	\$0	
150,000	159,999	\$0	0	\$363.62	0.000	\$4.79	\$0	\$0	
160,000	99,999,999	\$0	0	\$363.62	0.000	\$4.79	\$0	\$0	
Hydrant 2" Meter Bulk Users	0	999	\$0	0	\$87.34	0.000	\$2.02	\$0	\$0
	1,000	1,999	\$0	0	\$87.34	0.000	\$2.02	\$0	\$0
	2,000	2,999	\$0	0	\$87.34	0.000	\$2.02	\$0	\$0
	3,000	3,999	\$0	0	\$87.34	0.000	\$2.02	\$0	\$0
	4,000	4,999	\$0	0	\$87.34	0.000	\$2.02	\$0	\$0
	5,000	5,999	\$0	0	\$87.34	0.000	\$2.69	\$0	\$0
	6,000	6,999	\$0	0	\$87.34	0.000	\$2.69	\$0	\$0
	7,000	7,999	\$0	0	\$87.34	0.000	\$2.69	\$0	\$0
	8,000	8,999	\$0	0	\$87.34	0.000	\$2.69	\$0	\$0
	9,000	9,999	\$0	0	\$87.34	0.000	\$2.69	\$0	\$0
	10,000	14,999	\$0	0	\$87.34	0.000	\$3.59	\$0	\$0
	15,000	19,999	\$0	0	\$87.34	0.000	\$3.59	\$0	\$0
	20,000	29,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0
	30,000	39,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0
	40,000	49,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0
	50,000	59,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0
	60,000	69,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0
	70,000	79,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0
	80,000	89,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0
	90,000	99,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0
100,000	109,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0	
110,000	119,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0	
120,000	129,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0	
130,000	139,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0	
140,000	149,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0	
150,000	159,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0	
160,000	99,999,999	\$0	0	\$87.34	0.000	\$4.79	\$0	\$0	
Total Rate Rev at Current Rates			\$2,379,519	Total Rate Rev at Modeled Rates			\$487,122	Total Blended Rate Revenues for the Year ² \$2,866,641	

Note 1, New Minimum Charge Base Rates: If meter or connection size-based minimum charges are to be used, and the user classes modeled above include meter or connection sizes, the amounts shown in this column include meter or connection size surcharges as calculated in Table 10. Otherwise, use the rates in the "Total Minimum Charge per Billing Period" column of Table 10 when setting minimum charges for each customer when their minimums will be based upon meter or connection size.

Note 2, Blended Rate Revenues: During the year when rates will be adjusted, rate revenues generated will be "blended" revenues - part collected at the current rates and part collected at the adjusted rates. The table above calculates both kinds of revenue and totals them in the right-most column. Therefore, the anticipated timing of rate adjustment shown at the top of this table will cause rates to be charged as follows:

10.0 months at the old user charge rates and 2.0 months at the new user charge rates.

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 12 - Test Year Usage

This table shows usage by all customers during the test year.

Date this scenario created: 12/28/2015

Test year, the one-year period being analyzed starts: 7/1/2014

Meter Readings per year: 12

Bills sent per year: 12

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Conversion Factor for Billable Units	Average Volume Used Within Each Volume Range in 1,000 Gallons	Count of Bills With ANY Volume Within Each Range	Total Annual Use Within Each Volume Range in 1,000 Gallons	Count of Bills Only Where "Maxed Out" Within Each Range	Volume of Only Those Bills Where Volume "Maxed Out" Within Each Range	Number of Customers With Volume That "Maxed Out" Within Each Range	% of Customers That Averaged This Volume of Use	% of Total Use at This Average Volume
0.625" Residential <10,000 Gallons	0	999	1,000	3.336	9,428	31,450,568	4,759	915,568	397	7.5%	5.3%
	1,000	1,999	1,000	6.263	4,669	29,242,455	2,762	4,231,455	230	4.4%	4.9%
	2,000	2,999	1,000	13.572	1,907	25,881,156	3,960	9,988,156	330	6.3%	4.4%
	3,000	3,999	1,000	0.000	0	21,516,454	4,657	16,331,454	388	7.4%	3.6%
	4,000	4,999	1,000	0.000	0	16,859,586	4,527	20,338,586	377	7.2%	2.9%
	5,000	5,999	1,000	0.000	0	12,509,368	4,135	22,690,368	345	6.5%	2.1%
	6,000	6,999	1,000	0.000	0	8,632,499	3,593	23,289,499	299	5.7%	1.5%
	7,000	7,999	1,000	0.000	0	5,427,509	2,848	21,310,509	237	4.5%	0.9%
	8,000	8,999	1,000	0.000	0	2,875,840	2,286	19,396,840	191	3.6%	0.5%
	9,000	9,999	1,000	0.000	0	844,824	1,767	16,747,824	147	2.8%	0.1%
	10,000	14,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	15,000	19,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	20,000	29,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	30,000	39,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	40,000	49,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	50,000	59,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	60,000	69,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	70,000	79,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	80,000	89,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	90,000	99,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
100,000	109,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
110,000	119,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
120,000	129,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
130,000	139,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
140,000	149,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
150,000	159,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
160,000	99,999,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
Monthly and Annual Subtotals:					16,004	155,240,259	35,294	155,240,259	2,941	55.9%	26.3%
0.750" Residential <10,000 Gallons	0	999	1,000	1.007	9,428	9,494,355	1,626	347,355	136	2.6%	1.6%
	1,000	1,999	1,000	1.102	7,892	8,699,075	947	1,446,075	79	1.5%	1.5%
	2,000	2,999	1,000	1.085	7,047	7,648,102	1,145	2,883,102	95	1.8%	1.3%
	3,000	3,999	1,000	1.062	6,034	6,406,710	1,292	4,519,710	108	2.0%	1.1%
	4,000	4,999	1,000	1.041	4,901	5,102,808	1,318	5,929,808	110	2.1%	0.9%
	5,000	5,999	1,000	1.019	3,755	3,824,923	1,232	6,771,923	103	2.0%	0.6%
	6,000	6,999	1,000	0.986	2,705	2,666,925	1,057	6,852,925	88	1.7%	0.5%
	7,000	7,999	1,000	0.943	1,817	1,712,617	867	6,492,617	72	1.4%	0.3%
	8,000	8,999	1,000	0.838	1,094	917,272	701	5,937,272	58	1.1%	0.2%
	9,000	9,999	1,000	0.581	490	284,768	588	5,576,768	49	0.9%	0.0%
	10,000	14,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	15,000	19,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	20,000	29,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	30,000	39,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	40,000	49,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	50,000	59,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	60,000	69,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	70,000	79,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	80,000	89,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	90,000	99,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
100,000	109,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
110,000	119,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
120,000	129,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
130,000	139,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
140,000	149,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
150,000	159,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
160,000	99,999,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
Monthly and Annual Subtotals:					45,163	46,757,555	10,773	46,757,555	898	17.1%	7.9%

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 12 - Test Year Usage

This table shows usage by all customers during the test year.

Date this scenario created: 12/28/2015

Test year, the one-year period being analyzed starts: 7/1/2014

Meter Readings per year: 12

Bills sent per year: 12

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Conversion Factor for Billable Units	Average Volume Used Within Each Volume Range in 1,000 Gallons	Count of Bills With ANY Volume Within Each Range	Total Annual Use Within Each Volume Range in 1,000 Gallons	Count of Bills Only Where Volume "Maxed Out" Within Each Range	Volume of Only Those Bills Where Volume "Maxed Out" Within Each Range	Number of Customers With Volume That "Maxed Out" Within Each Range	% of Customers That Averaged This Volume of Use	% of Total Use at This Average Volume
1.000" Residential <10,000 Gallons	0	999	1,000	0.997	41	40,890	1	890	0	0.0%	0.0%
	1,000	1,999	1,000	0.952	40	38,090	2	2,090	0	0.0%	0.0%
	2,000	2,999	1,000	0.860	38	32,663	10	24,663	1	0.0%	0.0%
	3,000	3,999	1,000	0.934	28	26,164	5	18,164	0	0.0%	0.0%
	4,000	4,999	1,000	0.839	23	19,290	8	36,290	1	0.0%	0.0%
	5,000	5,999	1,000	0.972	15	14,573	2	11,573	0	0.0%	0.0%
	6,000	6,999	1,000	0.906	13	11,784	2	12,784	0	0.0%	0.0%
	7,000	7,999	1,000	0.814	11	8,952	4	29,952	0	0.0%	0.0%
	8,000	8,999	1,000	0.782	7	5,473	4	34,473	0	0.0%	0.0%
	9,000	9,999	1,000	0.452	3	1,355	3	28,355	0	0.0%	0.0%
	10,000	14,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	15,000	19,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	20,000	29,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	30,000	39,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	40,000	49,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	50,000	59,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	60,000	69,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	70,000	79,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	80,000	89,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	90,000	99,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	100,000	109,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
110,000	119,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
120,000	129,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
130,000	139,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
140,000	149,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
150,000	159,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
160,000	99,999,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
Monthly and Annual Subtotals:					219	199,234	41	199,234	3	0.1%	0.0%
1.500" Residential <10,000 Gallons	0	999	1,000	1.000	1	1,000	0	0	0	0.0%	0.0%
	1,000	1,999	1,000	0.720	1	720	1	1,720	0	0.0%	0.0%
	2,000	2,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	3,000	3,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	4,000	4,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	5,000	5,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	6,000	6,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	7,000	7,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	8,000	8,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	9,000	9,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	10,000	14,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	15,000	19,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	20,000	29,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	30,000	39,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	40,000	49,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	50,000	59,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	60,000	69,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	70,000	79,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	80,000	89,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	90,000	99,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	100,000	109,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
110,000	119,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
120,000	129,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
130,000	139,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
140,000	149,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
150,000	159,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
160,000	99,999,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
Monthly and Annual Subtotals:					2	1,720	1	1,720	0	0.0%	0.0%

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 12 - Test Year Usage

This table shows usage by all customers during the test year.

Date this scenario created: 12/28/2015

Test year, the one-year period being analyzed starts: 7/1/2014

Meter Readings per year: 12

Bills sent per year: 12

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Conversion Factor for Billable Units	Average Volume Used Within Each Volume Range in 1,000 Gallons	Count of Bills With ANY Volume Within Each Range	Total Annual Use Within Each Volume Range in 1,000 Gallons	Count of Bills Only Where "Maxed Out" Within Each Range	Volume of Only Those Bills Where Volume "Maxed Out" Within Each Range	Number of Customers With Volume That "Maxed Out" Within Each Range	% of Customers That Averaged This Volume of Use	% of Total Use at This Average Volume
2.000" Residential <10,000 Gallons	0	999	1,000	0.645	62	39,996	28	5,996	2	0.0%	0.0%
	1,000	1,999	1,000	0.959	34	32,594	3	4,594	0	0.0%	0.0%
	2,000	2,999	1,000	0.807	31	25,019	9	21,019	1	0.0%	0.0%
	3,000	3,999	1,000	0.948	22	20,862	2	6,862	0	0.0%	0.0%
	4,000	4,999	1,000	0.985	20	19,704	1	4,704	0	0.0%	0.0%
	5,000	5,999	1,000	0.927	19	17,605	2	10,605	0	0.0%	0.0%
	6,000	6,999	1,000	0.961	17	16,330	4	27,330	0	0.0%	0.0%
	7,000	7,999	1,000	0.624	13	8,116	9	67,116	1	0.0%	0.0%
	8,000	8,999	1,000	0.559	4	2,235	3	25,235	0	0.0%	0.0%
	9,000	9,999	1,000	0.753	1	753	1	9,753	0	0.0%	0.0%
	10,000	14,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	15,000	19,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	20,000	29,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	30,000	39,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	40,000	49,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	50,000	59,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	60,000	69,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	70,000	79,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	80,000	89,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	90,000	99,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	100,000	109,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
110,000	119,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
120,000	129,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
130,000	139,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
140,000	149,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
150,000	159,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
160,000	99,999,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
Monthly and Annual Subtotals:					223	183,214	62	183,214	5	0.1%	0.0%
0.625" Residential >=10,000 Gallons	0	999	1,000	1.000	11,334	11,334,000	0	0	0	0.0%	1.9%
	1,000	1,999	1,000	1.000	11,334	11,334,000	0	0	0	0.0%	1.9%
	2,000	2,999	1,000	1.000	11,334	11,334,000	0	0	0	0.0%	1.9%
	3,000	3,999	1,000	1.000	11,334	11,334,000	0	0	0	0.0%	1.9%
	4,000	4,999	1,000	1.000	11,334	11,334,000	0	0	0	0.0%	1.9%
	5,000	5,999	1,000	1.000	11,334	11,334,000	0	0	0	0.0%	1.9%
	6,000	6,999	1,000	1.000	11,334	11,334,000	0	0	0	0.0%	1.9%
	7,000	7,999	1,000	1.000	11,334	11,334,000	0	0	0	0.0%	1.9%
	8,000	8,999	1,000	1.000	11,334	11,334,000	0	0	0	0.0%	1.9%
	9,000	9,999	1,000	1.000	11,334	11,334,000	0	0	0	0.0%	1.9%
	10,000	14,999	1,000	3.650	11,334	41,371,135	5,343	64,846,135	445	8.5%	7.0%
	15,000	19,999	1,000	3.873	5,991	23,203,840	2,445	42,148,840	204	3.9%	3.9%
	20,000	29,999	1,000	6.385	3,546	22,640,922	2,137	51,290,922	178	3.4%	3.8%
	30,000	39,999	1,000	6.829	1,409	9,621,670	774	26,491,670	65	1.2%	1.6%
	40,000	49,999	1,000	7.277	635	4,620,997	308	13,670,997	26	0.5%	0.8%
	50,000	59,999	1,000	7.219	327	2,360,526	157	8,510,526	13	0.2%	0.4%
	60,000	69,999	1,000	7.531	170	1,280,209	73	4,690,209	6	0.1%	0.2%
	70,000	79,999	1,000	7.741	97	750,882	37	2,740,882	3	0.1%	0.1%
	80,000	89,999	1,000	8.297	60	497,824	19	1,607,824	2	0.0%	0.1%
	90,000	99,999	1,000	9.460	41	387,877	8	777,877	1	0.0%	0.1%
	100,000	109,999	1,000	7.217	33	238,151	14	1,448,151	1	0.0%	0.0%
110,000	119,999	1,000	7.987	19	151,762	6	681,762	1	0.0%	0.0%	
120,000	129,999	1,000	7.719	13	100,347	7	880,347	1	0.0%	0.0%	
130,000	139,999	1,000	8.386	6	50,318	2	270,318	0	0.0%	0.0%	
140,000	149,999	1,000	7.597	4	30,387	2	290,387	0	0.0%	0.0%	
150,000	159,999	1,000	10.000	2	20,000	0	0	0	0.0%	0.0%	
160,000	99,999,999	1,000	17.328	2	34,656	2	354,656	0	0.0%	0.0%	
Monthly and Annual Subtotals:					137,029	220,701,503	11,334	220,701,503	945	18.0%	37.4%

Dona Ana MDWC, NM Water Rates Scenario 2016-3

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Bills sent per year: 12

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Conversion Factor for Billable Units	Average Volume Used Within Each Volume Range in 1,000 Gallons	Count of Bills With ANY Volume Within Each Range	Total Annual Use Within Each Volume Range in 1,000 Gallons	Count of Bills Only Where Volume "Maxed Out" Within Each Range	Volume of Only Those Bills Where Volume "Maxed Out" Within Each Range	Number of Customers With Volume That "Maxed Out" Within Each Range	% of Customers That Averaged This Volume of Use	% of Total Use at This Average Volume
0.750" Residential >=10,000 Gallons	0	999	1,000	1.000	4,107	4,107,000	0	0	0	0.0%	0.7%
	1,000	1,999	1,000	1.000	4,107	4,107,000	0	0	0	0.0%	0.7%
	2,000	2,999	1,000	1.000	4,107	4,107,000	0	0	0	0.0%	0.7%
	3,000	3,999	1,000	1.000	4,107	4,107,000	0	0	0	0.0%	0.7%
	4,000	4,999	1,000	1.000	4,107	4,107,000	0	0	0	0.0%	0.7%
	5,000	5,999	1,000	1.000	4,107	4,107,000	0	0	0	0.0%	0.7%
	6,000	6,999	1,000	1.000	4,107	4,107,000	0	0	0	0.0%	0.7%
	7,000	7,999	1,000	1.000	4,107	4,107,000	0	0	0	0.0%	0.7%
	8,000	8,999	1,000	1.000	4,107	4,107,000	0	0	0	0.0%	0.7%
	9,000	9,999	1,000	1.000	4,107	4,107,000	0	0	0	0.0%	0.7%
	10,000	14,999	1,000	3.744	4,107	15,378,526	1,830	22,293,526	153	2.9%	2.6%
	15,000	19,999	1,000	3.902	2,277	8,885,489	893	15,360,489	74	1.4%	1.5%
	20,000	29,999	1,000	6.666	1,384	9,225,177	776	18,665,177	65	1.2%	1.6%
	30,000	39,999	1,000	7.126	608	4,332,407	300	10,252,407	25	0.5%	0.7%
	40,000	49,999	1,000	7.319	308	2,254,261	147	6,524,261	12	0.2%	0.4%
	50,000	59,999	1,000	8.090	161	1,302,542	62	3,412,542	5	0.1%	0.2%
	60,000	69,999	1,000	7.602	99	752,563	47	3,052,563	4	0.1%	0.1%
	70,000	79,999	1,000	8.024	52	417,247	19	1,417,247	2	0.0%	0.1%
	80,000	89,999	1,000	7.927	33	261,603	16	1,371,603	1	0.0%	0.0%
	90,000	99,999	1,000	8.194	17	139,290	4	369,290	0	0.0%	0.0%
100,000	109,999	1,000	8.566	13	111,357	3	311,357	0	0.0%	0.0%	
110,000	119,999	1,000	9.568	10	95,684	2	235,684	0	0.0%	0.0%	
120,000	129,999	1,000	10.000	8	80,000	0	0	0	0.0%	0.0%	
130,000	139,999	1,000	9.346	8	74,768	1	134,768	0	0.0%	0.0%	
140,000	149,999	1,000	10.000	7	70,000	0	0	0	0.0%	0.0%	
150,000	159,999	1,000	10.000	7	70,000	0	0	0	0.0%	0.0%	
160,000	99,999,999	1,000	1,588.092	7	11,116,646	7	12,236,646	1	0.0%	1.9%	
Monthly and Annual Subtotals:					50,176	95,637,560	4,107	95,637,560	342	6.5%	16.2%
1.000" Residential >=10,000 Gallons	0	999	1,000	1.000	35	35,000	0	0	0	0.0%	0.0%
	1,000	1,999	1,000	1.000	35	35,000	0	0	0	0.0%	0.0%
	2,000	2,999	1,000	1.000	35	35,000	0	0	0	0.0%	0.0%
	3,000	3,999	1,000	1.000	35	35,000	0	0	0	0.0%	0.0%
	4,000	4,999	1,000	1.000	35	35,000	0	0	0	0.0%	0.0%
	5,000	5,999	1,000	1.000	35	35,000	0	0	0	0.0%	0.0%
	6,000	6,999	1,000	1.000	35	35,000	0	0	0	0.0%	0.0%
	7,000	7,999	1,000	1.000	35	35,000	0	0	0	0.0%	0.0%
	8,000	8,999	1,000	1.000	35	35,000	0	0	0	0.0%	0.0%
	9,000	9,999	1,000	1.000	35	35,000	0	0	0	0.0%	0.0%
	10,000	14,999	1,000	4.537	35	158,802	6	73,802	1	0.0%	0.0%
	15,000	19,999	1,000	4.227	29	122,592	7	117,592	1	0.0%	0.0%
	20,000	29,999	1,000	6.169	22	135,707	13	305,707	1	0.0%	0.0%
	30,000	39,999	1,000	10.000	9	90,000	0	0	0	0.0%	0.0%
	40,000	49,999	1,000	7.258	9	65,320	3	125,320	0	0.0%	0.0%
	50,000	59,999	1,000	8.010	6	48,060	2	108,060	0	0.0%	0.0%
	60,000	69,999	1,000	7.325	4	29,301	2	129,301	0	0.0%	0.0%
	70,000	79,999	1,000	3.294	2	6,587	2	146,587	0	0.0%	0.0%
	80,000	89,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	90,000	99,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
100,000	109,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
110,000	119,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
120,000	129,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
130,000	139,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
140,000	149,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
150,000	159,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
160,000	99,999,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
Monthly and Annual Subtotals:					466	1,006,369	35	1,006,369	3	0.1%	0.2%

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 12 - Test Year Usage

This table shows usage by all customers during the test year.

Date this scenario created: 12/28/2015

Test year, the one-year period being analyzed starts: 7/1/2014

Meter Readings per year: 12

Bills sent per year: 12

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Conversion Factor for Billable Units	Average Volume Used Within Each Volume Range in 1,000 Gallons	Count of Bills With ANY Volume Within Each Range	Total Annual Use Within Each Volume Range in 1,000 Gallons	Count of Bills Only Where "Maxed Out" Within Each Range	Volume of Only Those Bills Where Volume "Maxed Out" Within Each Range	Number of Customers With Volume That "Maxed Out" Within Each Range	% of Customers That Averaged This Volume of Use	% of Total Use at This Average Volume
1.500" Residential >=10,000 Gallons	0	999	1,000	1.000	12	12,000	0	0	0	0.0%	0.0%
	1,000	1,999	1,000	1.000	12	12,000	0	0	0	0.0%	0.0%
	2,000	2,999	1,000	1.000	12	12,000	0	0	0	0.0%	0.0%
	3,000	3,999	1,000	1.000	12	12,000	0	0	0	0.0%	0.0%
	4,000	4,999	1,000	1.000	12	12,000	0	0	0	0.0%	0.0%
	5,000	5,999	1,000	1.000	12	12,000	0	0	0	0.0%	0.0%
	6,000	6,999	1,000	1.000	12	12,000	0	0	0	0.0%	0.0%
	7,000	7,999	1,000	1.000	12	12,000	0	0	0	0.0%	0.0%
	8,000	8,999	1,000	1.000	12	12,000	0	0	0	0.0%	0.0%
	9,000	9,999	1,000	1.000	12	12,000	0	0	0	0.0%	0.0%
	10,000	14,999	1,000	5.000	12	60,000	0	0	0	0.0%	0.0%
	15,000	19,999	1,000	5.000	12	60,000	0	0	0	0.0%	0.0%
	20,000	29,999	1,000	7.767	12	93,200	3	63,200	0	0.0%	0.0%
	30,000	39,999	1,000	7.306	9	65,751	4	135,751	0	0.0%	0.0%
	40,000	49,999	1,000	6.856	5	34,280	2	84,280	0	0.0%	0.0%
	50,000	59,999	1,000	4.733	3	14,200	2	104,200	0	0.0%	0.0%
	60,000	69,999	1,000	2.400	1	2,400	1	62,400	0	0.0%	0.0%
	70,000	79,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	80,000	89,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	90,000	99,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
100,000	109,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
110,000	119,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
120,000	129,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
130,000	139,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
140,000	149,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
150,000	159,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
160,000	99,999,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
Monthly and Annual Subtotals:					174	449,831	12	449,831	1	0.0%	0.1%
2.000" Residential >=10,000 Gallons	0	999	1,000	1.000	44	44,000	0	0	0	0.0%	0.0%
	1,000	1,999	1,000	1.000	44	44,000	0	0	0	0.0%	0.0%
	2,000	2,999	1,000	1.000	44	44,000	0	0	0	0.0%	0.0%
	3,000	3,999	1,000	1.000	44	44,000	0	0	0	0.0%	0.0%
	4,000	4,999	1,000	1.000	44	44,000	0	0	0	0.0%	0.0%
	5,000	5,999	1,000	1.000	44	44,000	0	0	0	0.0%	0.0%
	6,000	6,999	1,000	1.000	44	44,000	0	0	0	0.0%	0.0%
	7,000	7,999	1,000	1.000	44	44,000	0	0	0	0.0%	0.0%
	8,000	8,999	1,000	1.000	44	44,000	0	0	0	0.0%	0.0%
	9,000	9,999	1,000	1.000	44	44,000	0	0	0	0.0%	0.0%
	10,000	14,999	1,000	4.344	44	191,133	12	151,133	1	0.0%	0.0%
	15,000	19,999	1,000	3.999	32	127,959	11	187,959	1	0.0%	0.0%
	20,000	29,999	1,000	6.355	21	133,447	12	283,447	1	0.0%	0.0%
	30,000	39,999	1,000	8.080	9	72,722	2	62,722	0	0.0%	0.0%
	40,000	49,999	1,000	9.709	7	67,966	1	47,966	0	0.0%	0.0%
	50,000	59,999	1,000	8.191	6	49,148	2	109,148	0	0.0%	0.0%
	60,000	69,999	1,000	10.000	4	40,000	0	0	0	0.0%	0.0%
	70,000	79,999	1,000	10.000	4	40,000	0	0	0	0.0%	0.0%
	80,000	89,999	1,000	10.000	4	40,000	0	0	0	0.0%	0.0%
	90,000	99,999	1,000	10.000	4	40,000	0	0	0	0.0%	0.0%
100,000	109,999	1,000	10.000	4	40,000	0	0	0	0.0%	0.0%	
110,000	119,999	1,000	10.000	4	40,000	0	0	0	0.0%	0.0%	
120,000	129,999	1,000	10.000	4	40,000	0	0	0	0.0%	0.0%	
130,000	139,999	1,000	10.000	4	40,000	0	0	0	0.0%	0.0%	
140,000	149,999	1,000	10.000	4	40,000	0	0	0	0.0%	0.0%	
150,000	159,999	1,000	10.000	4	40,000	0	0	0	0.0%	0.0%	
160,000	99,999,999	1,000	202.800	4	811,200	4	1,451,200	0	0.0%	0.1%	
Monthly and Annual Subtotals:					603	2,293,575	44	2,293,575	4	0.1%	0.4%

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 12 - Test Year Usage

This table shows usage by all customers during the test year.

Date this scenario created: 12/28/2015

Test year, the one-year period being analyzed starts: 7/1/2014

Meter Readings per year: 12

Bills sent per year: 12

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Conversion Factor for Billable Units	Average Volume Used Within Each Volume Range in 1,000 Gallons	Count of Bills With ANY Volume Within Each Range	Total Annual Use Within Each Volume Range in 1,000 Gallons	Count of Bills Only Where "Maxed Out" Within Each Range	Volume of Only Those Bills Where Volume "Maxed Out" Within Each Range	Number of Customers With Volume That "Maxed Out" Within Each Range	% of Customers That Averaged This Volume of Use	% of Total Use at This Average Volume
0.625" Commercial	0	999	1,000	0.999	48	47,947	1	947	0	0.0%	0.0%
	1,000	1,999	1,000	0.992	47	46,614	2	3,614	0	0.0%	0.0%
	2,000	2,999	1,000	0.901	45	40,541	8	19,541	1	0.0%	0.0%
	3,000	3,999	1,000	0.917	37	33,940	7	24,940	1	0.0%	0.0%
	4,000	4,999	1,000	0.947	30	28,414	2	8,414	0	0.0%	0.0%
	5,000	5,999	1,000	0.912	28	25,546	3	15,546	0	0.0%	0.0%
	6,000	6,999	1,000	0.944	25	23,592	3	19,592	0	0.0%	0.0%
	7,000	7,999	1,000	0.800	22	17,610	10	75,610	1	0.0%	0.0%
	8,000	8,999	1,000	1.000	12	12,000	0	0	0	0.0%	0.0%
	9,000	9,999	1,000	0.961	12	11,526	1	9,526	0	0.0%	0.0%
	10,000	14,999	1,000	4.723	11	51,952	1	11,952	0	0.0%	0.0%
	15,000	19,999	1,000	4.531	10	45,308	1	15,308	0	0.0%	0.0%
	20,000	29,999	1,000	6.036	9	54,322	6	144,322	1	0.0%	0.0%
	30,000	39,999	1,000	5.648	3	16,943	2	66,943	0	0.0%	0.0%
	40,000	49,999	1,000	10.000	1	10,000	0	0	0	0.0%	0.0%
	50,000	59,999	1,000	10.000	1	10,000	0	0	0	0.0%	0.0%
	60,000	69,999	1,000	7.447	1	7,447	1	67,447	0	0.0%	0.0%
	70,000	79,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	80,000	89,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	90,000	99,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
100,000	109,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
110,000	119,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
120,000	129,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
130,000	139,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
140,000	149,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
150,000	159,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
160,000	99,999,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
Monthly and Annual Subtotals:					342	483,702	48	483,702	4	0.1%	0.1%
0.750" Commercial	0	999	1,000	0.653	709	462,723	323	76,723	27	0.5%	0.1%
	1,000	1,999	1,000	0.905	386	349,184	71	105,184	6	0.1%	0.1%
	2,000	2,999	1,000	0.927	315	292,137	41	100,137	3	0.1%	0.0%
	3,000	3,999	1,000	0.956	274	261,916	30	107,916	3	0.0%	0.0%
	4,000	4,999	1,000	0.928	244	226,391	38	172,391	3	0.1%	0.0%
	5,000	5,999	1,000	0.927	206	191,061	30	165,061	3	0.0%	0.0%
	6,000	6,999	1,000	0.934	176	164,303	21	135,303	2	0.0%	0.0%
	7,000	7,999	1,000	0.946	155	146,605	15	111,605	1	0.0%	0.0%
	8,000	8,999	1,000	0.915	140	128,089	24	204,089	2	0.0%	0.0%
	9,000	9,999	1,000	0.869	116	100,765	26	244,765	2	0.0%	0.0%
	10,000	14,999	1,000	3.644	90	327,920	37	432,920	3	0.1%	0.1%
	15,000	19,999	1,000	4.296	53	227,695	15	262,695	1	0.0%	0.0%
	20,000	29,999	1,000	8.315	38	315,971	11	265,971	1	0.0%	0.1%
	30,000	39,999	1,000	9.210	27	248,673	7	258,673	1	0.0%	0.0%
	40,000	49,999	1,000	10.000	20	200,000	0	0	0	0.0%	0.0%
	50,000	59,999	1,000	9.915	20	198,307	1	58,307	0	0.0%	0.0%
	60,000	69,999	1,000	9.527	19	181,014	1	61,014	0	0.0%	0.0%
	70,000	79,999	1,000	10.000	18	180,000	0	0	0	0.0%	0.0%
	80,000	89,999	1,000	10.000	18	180,000	0	0	0	0.0%	0.0%
	90,000	99,999	1,000	9.588	18	172,590	1	92,590	0	0.0%	0.0%
100,000	109,999	1,000	10.000	17	170,000	0	0	0	0.0%	0.0%	
110,000	119,999	1,000	9.750	17	165,757	1	115,757	0	0.0%	0.0%	
120,000	129,999	1,000	9.550	16	152,797	1	122,797	0	0.0%	0.0%	
130,000	139,999	1,000	10.000	15	150,000	0	0	0	0.0%	0.0%	
140,000	149,999	1,000	10.000	15	150,000	0	0	0	0.0%	0.0%	
150,000	159,999	1,000	10.000	15	150,000	0	0	0	0.0%	0.0%	
160,000	99,999,999	1,000	2,773.403	15	41,601,040	15	44,001,040	1	0.0%	7.0%	
Monthly and Annual Subtotals:					3,152	47,094,938	709	47,094,938	59	1.1%	8.0%

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 12 - Test Year Usage

This table shows usage by all customers during the test year.

Date this scenario created: 12/28/2015

Test year, the one-year period being analyzed starts: 7/1/2014

Meter Readings per year: 12

Bills sent per year: 12

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Conversion Factor for Billable Units	Average Volume Used Within Each Volume Range in 1,000 Gallons	Count of Bills With ANY Volume Within Each Range	Total Annual Use Within Each Volume Range in 1,000 Gallons	Count of Bills Only Where "Maxed Out" Within Each Range	Volume of Only Those Bills Where Volume "Maxed Out" Within Each Range	Number of Customers With Volume That "Maxed Out" Within Each Range	% of Customers That Averaged This Volume of Use	% of Total Use at This Average Volume
1.000" Commercial	0	999	1,000	0.850	299	254,170	72	27,170	6	0.1%	0.0%
	1,000	1,999	1,000	0.955	227	216,778	18	25,778	2	0.0%	0.0%
	2,000	2,999	1,000	0.962	209	201,098	20	52,098	2	0.0%	0.0%
	3,000	3,999	1,000	0.947	189	178,962	20	69,962	2	0.0%	0.0%
	4,000	4,999	1,000	0.919	169	155,250	25	111,250	2	0.0%	0.0%
	5,000	5,999	1,000	0.972	144	139,992	6	31,992	1	0.0%	0.0%
	6,000	6,999	1,000	0.949	138	130,939	11	69,939	1	0.0%	0.0%
	7,000	7,999	1,000	0.980	127	124,467	4	29,467	0	0.0%	0.0%
	8,000	8,999	1,000	0.983	123	120,968	3	24,968	0	0.0%	0.0%
	9,000	9,999	1,000	0.982	120	117,799	3	27,799	0	0.0%	0.0%
	10,000	14,999	1,000	4.689	117	548,624	17	218,624	1	0.0%	0.1%
	15,000	19,999	1,000	3.993	100	399,274	40	699,274	3	0.1%	0.1%
	20,000	29,999	1,000	7.924	60	475,410	23	565,410	2	0.0%	0.1%
	30,000	39,999	1,000	8.372	37	309,761	11	379,761	1	0.0%	0.1%
	40,000	49,999	1,000	8.028	26	208,735	9	398,735	1	0.0%	0.0%
	50,000	59,999	1,000	8.939	17	151,962	3	161,962	0	0.0%	0.0%
	60,000	69,999	1,000	9.896	14	138,550	1	68,550	0	0.0%	0.0%
	70,000	79,999	1,000	8.950	13	116,350	4	306,350	0	0.0%	0.0%
	80,000	89,999	1,000	10.000	9	90,000	0	0	0	0.0%	0.0%
	90,000	99,999	1,000	9.586	9	86,272	1	96,272	0	0.0%	0.0%
100,000	109,999	1,000	9.593	8	76,741	2	216,741	0	0.0%	0.0%	
110,000	119,999	1,000	10.000	6	60,000	0	0	0	0.0%	0.0%	
120,000	129,999	1,000	10.000	6	60,000	0	0	0	0.0%	0.0%	
130,000	139,999	1,000	10.000	6	60,000	0	0	0	0.0%	0.0%	
140,000	149,999	1,000	10.000	6	60,000	0	0	0	0.0%	0.0%	
150,000	159,999	1,000	10.000	6	60,000	0	0	0	0.0%	0.0%	
160,000	99,999,999	1,000	54.152	6	324,909	6	1,284,909	1	0.0%	0.1%	
Monthly and Annual Subtotals:					2,191	4,867,011	299	4,867,011	25	0.5%	0.8%
1.500" Commercial	0	999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	1,000	1,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	2,000	2,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	3,000	3,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	4,000	4,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	5,000	5,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	6,000	6,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	7,000	7,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	8,000	8,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	9,000	9,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	10,000	14,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	15,000	19,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	20,000	29,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	30,000	39,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	40,000	49,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	50,000	59,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	60,000	69,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	70,000	79,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	80,000	89,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	90,000	99,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
100,000	109,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
110,000	119,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
120,000	129,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
130,000	139,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
140,000	149,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
150,000	159,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
160,000	99,999,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
Monthly and Annual Subtotals:					0	0	0	0	0	0.0%	0.0%

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 12 - Test Year Usage

This table shows usage by all customers during the test year.

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Meter Readings per year: 12

Bills sent per year: 12

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Conversion Factor for Billable Units	Average Volume Used Within Each Volume Range in 1,000 Gallons	Count of Bills With ANY Volume Within Each Range	Total Annual Use Within Each Volume Range in 1,000 Gallons	Count of Bills Only Where "Maxed Out" Within Each Range	Volume of Only Those Bills Where Volume "Maxed Out" Within Each Range	Number of Customers With Volume That "Maxed Out" Within Each Range	% of Customers That Averaged This Volume of Use	% of Total Use at This Average Volume
2.000" Commercial	0	999	1,000	0.751	302	226,705	94	18,705	8	0.1%	0.0%
	1,000	1,999	1,000	0.965	208	200,770	12	16,770	1	0.0%	0.0%
	2,000	2,999	1,000	0.995	196	194,953	5	13,953	0	0.0%	0.0%
	3,000	3,999	1,000	0.971	191	185,370	15	54,370	1	0.0%	0.0%
	4,000	4,999	1,000	0.976	176	171,776	10	45,776	1	0.0%	0.0%
	5,000	5,999	1,000	0.978	166	162,267	7	38,267	1	0.0%	0.0%
	6,000	6,999	1,000	0.987	159	156,973	4	25,973	0	0.0%	0.0%
	7,000	7,999	1,000	0.976	155	151,299	6	44,299	1	0.0%	0.0%
	8,000	8,999	1,000	0.982	149	146,331	3	24,331	0	0.0%	0.0%
	9,000	9,999	1,000	0.990	146	144,542	2	18,542	0	0.0%	0.0%
	10,000	14,999	1,000	4.712	144	678,569	16	198,569	1	0.0%	0.1%
	15,000	19,999	1,000	4.566	128	584,409	20	344,409	2	0.0%	0.1%
	20,000	29,999	1,000	8.830	108	953,663	26	653,663	2	0.0%	0.2%
	30,000	39,999	1,000	8.839	82	724,783	17	584,783	1	0.0%	0.1%
	40,000	49,999	1,000	8.847	65	575,082	16	725,082	1	0.0%	0.1%
	50,000	59,999	1,000	9.382	49	459,702	5	269,702	0	0.0%	0.1%
	60,000	69,999	1,000	9.300	44	409,185	4	249,185	0	0.0%	0.1%
	70,000	79,999	1,000	9.794	40	391,764	1	71,764	0	0.0%	0.1%
	80,000	89,999	1,000	9.354	39	364,795	6	514,795	1	0.0%	0.1%
	90,000	99,999	1,000	9.423	33	310,959	4	380,959	0	0.0%	0.1%
100,000	109,999	1,000	9.325	29	270,439	5	530,439	0	0.0%	0.0%	
110,000	119,999	1,000	9.061	24	217,475	5	577,475	0	0.0%	0.0%	
120,000	129,999	1,000	9.098	19	172,856	3	372,856	0	0.0%	0.0%	
130,000	139,999	1,000	9.294	16	148,698	2	268,698	0	0.0%	0.0%	
140,000	149,999	1,000	8.769	14	122,771	3	432,771	0	0.0%	0.0%	
150,000	159,999	1,000	10.000	11	110,000	0	0	0	0.0%	0.0%	
160,000	99,999,999	1,000	107.546	11	1,183,003	11	2,943,003	1	0.0%	0.2%	
Monthly and Annual Subtotals:					2,704	9,419,139	302	9,419,139	25	0.5%	1.6%
3.000" Commercial	0	999	1,000	0.794	24	19,052	8	3,052	1	0.0%	0.0%
	1,000	1,999	1,000	0.810	16	12,959	6	8,959	1	0.0%	0.0%
	2,000	2,999	1,000	0.876	10	8,761	2	4,761	0	0.0%	0.0%
	3,000	3,999	1,000	1.000	8	8,000	0	0	0	0.0%	0.0%
	4,000	4,999	1,000	1.000	8	8,000	0	0	0	0.0%	0.0%
	5,000	5,999	1,000	1.000	8	8,000	0	0	0	0.0%	0.0%
	6,000	6,999	1,000	1.000	8	8,000	0	0	0	0.0%	0.0%
	7,000	7,999	1,000	1.000	8	8,000	0	0	0	0.0%	0.0%
	8,000	8,999	1,000	1.000	8	8,000	0	0	0	0.0%	0.0%
	9,000	9,999	1,000	1.000	8	8,000	0	0	0	0.0%	0.0%
	10,000	14,999	1,000	5.000	8	40,000	0	0	0	0.0%	0.0%
	15,000	19,999	1,000	5.000	8	40,000	0	0	0	0.0%	0.0%
	20,000	29,999	1,000	10.000	8	80,000	0	0	0	0.0%	0.0%
	30,000	39,999	1,000	10.000	8	80,000	0	0	0	0.0%	0.0%
	40,000	49,999	1,000	10.000	8	80,000	0	0	0	0.0%	0.0%
	50,000	59,999	1,000	10.000	8	80,000	0	0	0	0.0%	0.0%
	60,000	69,999	1,000	10.000	8	80,000	0	0	0	0.0%	0.0%
	70,000	79,999	1,000	10.000	8	80,000	0	0	0	0.0%	0.0%
	80,000	89,999	1,000	10.000	8	80,000	0	0	0	0.0%	0.0%
	90,000	99,999	1,000	9.694	8	77,550	1	97,550	0	0.0%	0.0%
100,000	109,999	1,000	10.000	7	70,000	0	0	0	0.0%	0.0%	
110,000	119,999	1,000	10.000	7	70,000	0	0	0	0.0%	0.0%	
120,000	129,999	1,000	10.000	7	70,000	0	0	0	0.0%	0.0%	
130,000	139,999	1,000	10.000	7	70,000	0	0	0	0.0%	0.0%	
140,000	149,999	1,000	10.000	7	70,000	0	0	0	0.0%	0.0%	
150,000	159,999	1,000	10.000	7	70,000	0	0	0	0.0%	0.0%	
160,000	99,999,999	1,000	510.954	7	3,576,680	7	4,696,680	1	0.0%	0.6%	
Monthly and Annual Subtotals:					235	4,811,002	24	4,811,002	2	0.0%	0.8%

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Table 12 - Test Year Usage

This table shows usage by all customers during the test year.

Date this scenario created: 12/28/2015

Test year, the one-year period being analyzed starts: 7/1/2014

Meter Readings per year: 12

Bills sent per year: 12

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Conversion Factor for Billable Units	Average Volume Used Within Each Volume Range in 1,000 Gallons	Count of Bills With ANY Volume Within Each Range	Total Annual Use Within Each Volume Range in 1,000 Gallons	Count of Bills Only Where Volume "Maxed Out" Within Each Range	Volume of Only Those Bills Where Volume "Maxed Out" Within Each Range	Number of Customers With Volume That "Maxed Out" Within Each Range	% of Customers That Averaged This Volume of Use	% of Total Use at This Average Volume
4.000" Commercial	0	999	1,000	0.881	48	42,295	12	6,295	1	0.0%	0.0%
	1,000	1,999	1,000	1.000	36	36,000	0	0	0	0.0%	0.0%
	2,000	2,999	1,000	0.991	36	35,683	1	2,683	0	0.0%	0.0%
	3,000	3,999	1,000	1.000	35	35,000	0	0	0	0.0%	0.0%
	4,000	4,999	1,000	1.000	35	35,000	0	0	0	0.0%	0.0%
	5,000	5,999	1,000	1.000	35	35,000	0	0	0	0.0%	0.0%
	6,000	6,999	1,000	1.000	35	35,000	0	0	0	0.0%	0.0%
	7,000	7,999	1,000	0.996	35	34,846	1	7,846	0	0.0%	0.0%
	8,000	8,999	1,000	1.000	34	34,000	0	0	0	0.0%	0.0%
	9,000	9,999	1,000	1.000	34	34,000	0	0	0	0.0%	0.0%
	10,000	14,999	1,000	4.833	34	164,312	2	24,312	0	0.0%	0.0%
	15,000	19,999	1,000	4.956	32	158,597	2	38,597	0	0.0%	0.0%
	20,000	29,999	1,000	9.295	30	278,856	6	158,856	1	0.0%	0.0%
	30,000	39,999	1,000	9.181	24	220,351	4	140,351	0	0.0%	0.0%
	40,000	49,999	1,000	9.256	20	185,119	3	135,119	0	0.0%	0.0%
	50,000	59,999	1,000	7.552	17	128,382	7	378,382	1	0.0%	0.0%
	60,000	69,999	1,000	6.974	10	69,741	5	319,741	0	0.0%	0.0%
	70,000	79,999	1,000	6.346	5	31,728	3	221,728	0	0.0%	0.0%
	80,000	89,999	1,000	10.000	2	20,000	0	0	0	0.0%	0.0%
	90,000	99,999	1,000	10.000	2	20,000	0	0	0	0.0%	0.0%
	100,000	109,999	1,000	10.000	2	20,000	0	0	0	0.0%	0.0%
110,000	119,999	1,000	10.000	2	20,000	0	0	0	0.0%	0.0%	
120,000	129,999	1,000	7.040	2	14,079	1	124,079	0	0.0%	0.0%	
130,000	139,999	1,000	1.033	1	1,033	1	131,033	0	0.0%	0.0%	
140,000	149,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
150,000	159,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
160,000	99,999,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
Monthly and Annual Subtotals:					546	1,689,022	48	1,689,022	4	0.1%	0.3%
Hydrant 2" Meter Bulk Users	0	999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	1,000	1,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	2,000	2,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	3,000	3,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	4,000	4,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	5,000	5,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	6,000	6,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	7,000	7,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	8,000	8,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	9,000	9,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	10,000	14,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	15,000	19,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	20,000	29,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	30,000	39,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	40,000	49,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	50,000	59,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	60,000	69,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	70,000	79,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	80,000	89,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	90,000	99,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	100,000	109,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
110,000	119,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
120,000	129,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
130,000	139,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
140,000	149,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
150,000	159,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
160,000	99,999,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
Monthly and Annual Subtotals:					0	0	0	0	0	0.0%	0.0%
Monthly and Annual Grand Totals:					259,229	590,835,634	63,133		5,261	100%	100%

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 13 - Rates at End of Test Year

This table shows user rates at the end of the test year. Rates for volume ranges that are not shown are the same as the next lowest volume range rates. Rates for customers with no recorded meter size were assumed to be charged the same as those for the smallest meter size customer.

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Minimum Charge	Usage Allowance in 1,000 Gallons	Unit Charge per 1,000 Gallons
0.625" Residential <10,000 Gallons	0	999	\$17.30	0.000	\$1.95
	1,000	1,999	\$17.30	0.000	\$1.95
	2,000	2,999	\$17.30	0.000	\$1.95
	3,000	3,999	\$17.30	0.000	\$2.15
	4,000	4,999	\$17.30	0.000	\$2.15
	5,000	5,999	\$17.30	0.000	\$2.15
	6,000	6,999	\$17.30	0.000	\$2.37
	7,000	7,999	\$17.30	0.000	\$2.37
	8,000	8,999	\$17.30	0.000	\$2.37
	9,000	9,999	\$17.30	0.000	\$2.37
	10,000	14,999	\$17.30	0.000	\$3.20
	15,000	19,999	\$17.30	0.000	\$3.20
	20,000	29,999	\$17.30	0.000	\$3.38
	30,000	39,999	\$17.30	0.000	\$3.72
	40,000	49,999	\$17.30	0.000	\$4.08
	50,000	59,999	\$17.30	0.000	\$5.30
160,000	99,999,999	\$17.30	0.000	\$5.30	
0.750" Residential <10,000 Gallons	0	999	\$17.30	0.000	\$1.95
	1,000	1,999	\$17.30	0.000	\$1.95
	2,000	2,999	\$17.30	0.000	\$1.95
	3,000	3,999	\$17.30	0.000	\$2.15
	4,000	4,999	\$17.30	0.000	\$2.15
	5,000	5,999	\$17.30	0.000	\$2.15
	6,000	6,999	\$17.30	0.000	\$2.37
	7,000	7,999	\$17.30	0.000	\$2.37
	8,000	8,999	\$17.30	0.000	\$2.37
	9,000	9,999	\$17.30	0.000	\$2.37
	10,000	14,999	\$17.30	0.000	\$3.20
	15,000	19,999	\$17.30	0.000	\$3.20
	20,000	29,999	\$17.30	0.000	\$3.38
	30,000	39,999	\$17.30	0.000	\$3.72
	40,000	49,999	\$17.30	0.000	\$4.08
	50,000	59,999	\$17.30	0.000	\$5.30
160,000	99,999,999	\$17.30	0.000	\$5.30	
1.000" Residential <10,000 Gallons	0	999	\$17.30	0.000	\$1.95
	1,000	1,999	\$17.30	0.000	\$1.95
	2,000	2,999	\$17.30	0.000	\$1.95
	3,000	3,999	\$17.30	0.000	\$2.15
	4,000	4,999	\$17.30	0.000	\$2.15
	5,000	5,999	\$17.30	0.000	\$2.15
	6,000	6,999	\$17.30	0.000	\$2.37
	7,000	7,999	\$17.30	0.000	\$2.37
	8,000	8,999	\$17.30	0.000	\$2.37
	9,000	9,999	\$17.30	0.000	\$2.37
	10,000	14,999	\$17.30	0.000	\$3.20
	15,000	19,999	\$17.30	0.000	\$3.20
	20,000	29,999	\$17.30	0.000	\$3.38
	30,000	39,999	\$17.30	0.000	\$3.72
	40,000	49,999	\$17.30	0.000	\$4.08
	50,000	59,999	\$17.30	0.000	\$5.30
160,000	99,999,999	\$17.30	0.000	\$5.30	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 13 - Rates at End of Test Year

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Minimum Charge	Usage Allowance in 1,000 Gallons	Unit Charge per 1,000 Gallons
1.500" Residential <10,000 Gallons	0	999	\$17.30	0.000	\$1.95
	1,000	1,999	\$17.30	0.000	\$1.95
	2,000	2,999	\$17.30	0.000	\$1.95
	3,000	3,999	\$17.30	0.000	\$2.15
	4,000	4,999	\$17.30	0.000	\$2.15
	5,000	5,999	\$17.30	0.000	\$2.15
	6,000	6,999	\$17.30	0.000	\$2.37
	7,000	7,999	\$17.30	0.000	\$2.37
	8,000	8,999	\$17.30	0.000	\$2.37
	9,000	9,999	\$17.30	0.000	\$2.37
	10,000	14,999	\$17.30	0.000	\$3.20
	15,000	19,999	\$17.30	0.000	\$3.20
	20,000	29,999	\$17.30	0.000	\$3.38
	30,000	39,999	\$17.30	0.000	\$3.72
	40,000	49,999	\$17.30	0.000	\$4.08
	50,000	59,999	\$17.30	0.000	\$5.30
160,000	99,999,999	\$17.30	0.000	\$5.30	
2.000" Residential <10,000 Gallons	0	999	\$17.30	0.000	\$1.95
	1,000	1,999	\$17.30	0.000	\$1.95
	2,000	2,999	\$17.30	0.000	\$1.95
	3,000	3,999	\$17.30	0.000	\$2.15
	4,000	4,999	\$17.30	0.000	\$2.15
	5,000	5,999	\$17.30	0.000	\$2.15
	6,000	6,999	\$17.30	0.000	\$2.37
	7,000	7,999	\$17.30	0.000	\$2.37
	8,000	8,999	\$17.30	0.000	\$2.37
	9,000	9,999	\$17.30	0.000	\$2.37
	10,000	14,999	\$17.30	0.000	\$3.20
	15,000	19,999	\$17.30	0.000	\$3.20
	20,000	29,999	\$17.30	0.000	\$3.38
	30,000	39,999	\$17.30	0.000	\$3.72
	40,000	49,999	\$17.30	0.000	\$4.08
	50,000	59,999	\$17.30	0.000	\$5.30
160,000	99,999,999	\$17.30	0.000	\$5.30	
0.625" Residential >=10,000 Gallons	0	999	\$22.49	0.000	\$1.95
	1,000	1,999	\$22.49	0.000	\$1.95
	2,000	2,999	\$22.49	0.000	\$1.95
	3,000	3,999	\$22.49	0.000	\$2.15
	4,000	4,999	\$22.49	0.000	\$2.15
	5,000	5,999	\$22.49	0.000	\$2.15
	6,000	6,999	\$22.49	0.000	\$2.37
	7,000	7,999	\$22.49	0.000	\$2.37
	8,000	8,999	\$22.49	0.000	\$2.37
	9,000	9,999	\$22.49	0.000	\$2.37
	10,000	14,999	\$22.49	0.000	\$3.20
	15,000	19,999	\$22.49	0.000	\$3.20
	20,000	29,999	\$22.49	0.000	\$3.38
	30,000	39,999	\$22.49	0.000	\$3.72
	40,000	49,999	\$22.49	0.000	\$4.08
	50,000	59,999	\$22.49	0.000	\$5.30
160,000	99,999,999	\$22.49	0.000	\$5.30	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 13 - Rates at End of Test Year

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Minimum Charge	Usage Allowance in 1,000 Gallons	Unit Charge per 1,000 Gallons
0.750" Residential ≥10,000 Gallons	0	999	\$22.49	0.000	\$1.95
	1,000	1,999	\$22.49	0.000	\$1.95
	2,000	2,999	\$22.49	0.000	\$1.95
	3,000	3,999	\$22.49	0.000	\$2.15
	4,000	4,999	\$22.49	0.000	\$2.15
	5,000	5,999	\$22.49	0.000	\$2.15
	6,000	6,999	\$22.49	0.000	\$2.37
	7,000	7,999	\$22.49	0.000	\$2.37
	8,000	8,999	\$22.49	0.000	\$2.37
	9,000	9,999	\$22.49	0.000	\$2.37
	10,000	14,999	\$22.49	0.000	\$3.20
	15,000	19,999	\$22.49	0.000	\$3.20
	20,000	29,999	\$22.49	0.000	\$3.38
	30,000	39,999	\$22.49	0.000	\$3.72
	40,000	49,999	\$22.49	0.000	\$4.08
	50,000	59,999	\$22.49	0.000	\$5.30
160,000	99,999,999	\$22.49	0.000	\$5.30	
1.000" Residential ≥10,000 Gallons	0	999	\$22.49	0.000	\$1.95
	1,000	1,999	\$22.49	0.000	\$1.95
	2,000	2,999	\$22.49	0.000	\$1.95
	3,000	3,999	\$22.49	0.000	\$2.15
	4,000	4,999	\$22.49	0.000	\$2.15
	5,000	5,999	\$22.49	0.000	\$2.15
	6,000	6,999	\$22.49	0.000	\$2.37
	7,000	7,999	\$22.49	0.000	\$2.37
	8,000	8,999	\$22.49	0.000	\$2.37
	9,000	9,999	\$22.49	0.000	\$2.37
	10,000	14,999	\$22.49	0.000	\$3.20
	15,000	19,999	\$22.49	0.000	\$3.20
	20,000	29,999	\$22.49	0.000	\$3.38
	30,000	39,999	\$22.49	0.000	\$3.72
	40,000	49,999	\$22.49	0.000	\$4.08
	50,000	59,999	\$22.49	0.000	\$5.30
160,000	99,999,999	\$22.49	0.000	\$5.30	
1.500" Residential ≥10,000 Gallons	0	999	\$22.49	0.000	\$1.95
	1,000	1,999	\$22.49	0.000	\$1.95
	2,000	2,999	\$22.49	0.000	\$1.95
	3,000	3,999	\$22.49	0.000	\$2.15
	4,000	4,999	\$22.49	0.000	\$2.15
	5,000	5,999	\$22.49	0.000	\$2.15
	6,000	6,999	\$22.49	0.000	\$2.37
	7,000	7,999	\$22.49	0.000	\$2.37
	8,000	8,999	\$22.49	0.000	\$2.37
	9,000	9,999	\$22.49	0.000	\$2.37
	10,000	14,999	\$22.49	0.000	\$3.20
	15,000	19,999	\$22.49	0.000	\$3.20
	20,000	29,999	\$22.49	0.000	\$3.38
	30,000	39,999	\$22.49	0.000	\$3.72
	40,000	49,999	\$22.49	0.000	\$4.08
	50,000	59,999	\$22.49	0.000	\$5.30
160,000	99,999,999	\$22.49	0.000	\$5.30	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 13 - Rates at End of Test Year

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Minimum Charge	Usage Allowance in 1,000 Gallons	Unit Charge per 1,000 Gallons
2.000" Residential ≥10,000 Gallons	0	999	\$22.49	0.000	\$1.95
	1,000	1,999	\$22.49	0.000	\$1.95
	2,000	2,999	\$22.49	0.000	\$1.95
	3,000	3,999	\$22.49	0.000	\$2.15
	4,000	4,999	\$22.49	0.000	\$2.15
	5,000	5,999	\$22.49	0.000	\$2.15
	6,000	6,999	\$22.49	0.000	\$2.37
	7,000	7,999	\$22.49	0.000	\$2.37
	8,000	8,999	\$22.49	0.000	\$2.37
	9,000	9,999	\$22.49	0.000	\$2.37
	10,000	14,999	\$22.49	0.000	\$3.20
	15,000	19,999	\$22.49	0.000	\$3.20
	20,000	29,999	\$22.49	0.000	\$3.38
	30,000	39,999	\$22.49	0.000	\$3.72
	40,000	49,999	\$22.49	0.000	\$4.08
	50,000	59,999	\$22.49	0.000	\$5.30
160,000	99,999,999	\$22.49	0.000	\$5.30	
0.625" Commercial	0	999	\$22.49	0.000	\$1.95
	1,000	1,999	\$22.49	0.000	\$1.95
	2,000	2,999	\$22.49	0.000	\$1.95
	3,000	3,999	\$22.49	0.000	\$2.15
	4,000	4,999	\$22.49	0.000	\$2.15
	5,000	5,999	\$22.49	0.000	\$2.15
	6,000	6,999	\$22.49	0.000	\$2.37
	7,000	7,999	\$22.49	0.000	\$2.37
	8,000	8,999	\$22.49	0.000	\$2.37
	9,000	9,999	\$22.49	0.000	\$2.37
	10,000	14,999	\$22.49	0.000	\$3.20
	15,000	19,999	\$22.49	0.000	\$3.20
	20,000	29,999	\$22.49	0.000	\$3.38
	30,000	39,999	\$22.49	0.000	\$3.72
	40,000	49,999	\$22.49	0.000	\$4.08
	50,000	59,999	\$22.49	0.000	\$5.30
160,000	99,999,999	\$22.49	0.000	\$5.30	
0.750" Commercial	0	999	\$22.49	0.000	\$1.95
	1,000	1,999	\$22.49	0.000	\$1.95
	2,000	2,999	\$22.49	0.000	\$1.95
	3,000	3,999	\$22.49	0.000	\$2.15
	4,000	4,999	\$22.49	0.000	\$2.15
	5,000	5,999	\$22.49	0.000	\$2.15
	6,000	6,999	\$22.49	0.000	\$2.37
	7,000	7,999	\$22.49	0.000	\$2.37
	8,000	8,999	\$22.49	0.000	\$2.37
	9,000	9,999	\$22.49	0.000	\$2.37
	10,000	14,999	\$22.49	0.000	\$3.20
	15,000	19,999	\$22.49	0.000	\$3.20
	20,000	29,999	\$22.49	0.000	\$3.38
	30,000	39,999	\$22.49	0.000	\$3.72
	40,000	49,999	\$22.49	0.000	\$4.08
	50,000	59,999	\$22.49	0.000	\$5.30
160,000	99,999,999	\$22.49	0.000	\$5.30	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 13 - Rates at End of Test Year

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Minimum Charge	Usage Allowance in 1,000 Gallons	Unit Charge per 1,000 Gallons
1.000" Commercial	0	999	\$22.49	0.000	\$1.95
	1,000	1,999	\$22.49	0.000	\$1.95
	2,000	2,999	\$22.49	0.000	\$1.95
	3,000	3,999	\$22.49	0.000	\$2.15
	4,000	4,999	\$22.49	0.000	\$2.15
	5,000	5,999	\$22.49	0.000	\$2.15
	6,000	6,999	\$22.49	0.000	\$2.37
	7,000	7,999	\$22.49	0.000	\$2.37
	8,000	8,999	\$22.49	0.000	\$2.37
	9,000	9,999	\$22.49	0.000	\$2.37
	10,000	14,999	\$22.49	0.000	\$3.20
	15,000	19,999	\$22.49	0.000	\$3.20
	20,000	29,999	\$22.49	0.000	\$3.38
	30,000	39,999	\$22.49	0.000	\$3.72
	40,000	49,999	\$22.49	0.000	\$4.08
	50,000	59,999	\$22.49	0.000	\$5.30
160,000	99,999,999	\$22.49	0.000	\$5.30	
1.500" Commercial	0	999	\$22.49	0.000	\$1.95
	1,000	1,999	\$22.49	0.000	\$1.95
	2,000	2,999	\$22.49	0.000	\$1.95
	3,000	3,999	\$22.49	0.000	\$2.15
	4,000	4,999	\$22.49	0.000	\$2.15
	5,000	5,999	\$22.49	0.000	\$2.15
	6,000	6,999	\$22.49	0.000	\$2.37
	7,000	7,999	\$22.49	0.000	\$2.37
	8,000	8,999	\$22.49	0.000	\$2.37
	9,000	9,999	\$22.49	0.000	\$2.37
	10,000	14,999	\$22.49	0.000	\$3.20
	15,000	19,999	\$22.49	0.000	\$3.20
	20,000	29,999	\$22.49	0.000	\$3.38
	30,000	39,999	\$22.49	0.000	\$3.72
	40,000	49,999	\$22.49	0.000	\$4.08
	50,000	59,999	\$22.49	0.000	\$5.30
160,000	99,999,999	\$22.49	0.000	\$5.30	
2.000" Commercial	0	999	\$22.49	0.000	\$1.95
	1,000	1,999	\$22.49	0.000	\$1.95
	2,000	2,999	\$22.49	0.000	\$1.95
	3,000	3,999	\$22.49	0.000	\$2.15
	4,000	4,999	\$22.49	0.000	\$2.15
	5,000	5,999	\$22.49	0.000	\$2.15
	6,000	6,999	\$22.49	0.000	\$2.37
	7,000	7,999	\$22.49	0.000	\$2.37
	8,000	8,999	\$22.49	0.000	\$2.37
	9,000	9,999	\$22.49	0.000	\$2.37
	10,000	14,999	\$22.49	0.000	\$3.20
	15,000	19,999	\$22.49	0.000	\$3.20
	20,000	29,999	\$22.49	0.000	\$3.38
	30,000	39,999	\$22.49	0.000	\$3.72
	40,000	49,999	\$22.49	0.000	\$4.08
	50,000	59,999	\$22.49	0.000	\$5.30
160,000	99,999,999	\$22.49	0.000	\$5.30	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 13 - Rates at End of Test Year

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Minimum Charge	Usage Allowance in 1,000 Gallons	Unit Charge per 1,000 Gallons
3.000" Commercial	0	999	\$22.49	0.000	\$1.95
	1,000	1,999	\$22.49	0.000	\$1.95
	2,000	2,999	\$22.49	0.000	\$1.95
	3,000	3,999	\$22.49	0.000	\$2.15
	4,000	4,999	\$22.49	0.000	\$2.15
	5,000	5,999	\$22.49	0.000	\$2.15
	6,000	6,999	\$22.49	0.000	\$2.37
	7,000	7,999	\$22.49	0.000	\$2.37
	8,000	8,999	\$22.49	0.000	\$2.37
	9,000	9,999	\$22.49	0.000	\$2.37
	10,000	14,999	\$22.49	0.000	\$3.20
	15,000	19,999	\$22.49	0.000	\$3.20
	20,000	29,999	\$22.49	0.000	\$3.38
	30,000	39,999	\$22.49	0.000	\$3.72
	40,000	49,999	\$22.49	0.000	\$4.08
	50,000	59,999	\$22.49	0.000	\$5.30
160,000	99,999,999	\$22.49	0.000	\$5.30	
4.000" Commercial	0	999	\$22.49	0.000	\$1.95
	1,000	1,999	\$22.49	0.000	\$1.95
	2,000	2,999	\$22.49	0.000	\$1.95
	3,000	3,999	\$22.49	0.000	\$2.15
	4,000	4,999	\$22.49	0.000	\$2.15
	5,000	5,999	\$22.49	0.000	\$2.15
	6,000	6,999	\$22.49	0.000	\$2.37
	7,000	7,999	\$22.49	0.000	\$2.37
	8,000	8,999	\$22.49	0.000	\$2.37
	9,000	9,999	\$22.49	0.000	\$2.37
	10,000	14,999	\$22.49	0.000	\$3.20
	15,000	19,999	\$22.49	0.000	\$3.20
	20,000	29,999	\$22.49	0.000	\$3.38
	30,000	39,999	\$22.49	0.000	\$3.72
	40,000	49,999	\$22.49	0.000	\$4.08
	50,000	59,999	\$22.49	0.000	\$5.30
160,000	99,999,999	\$22.49	0.000	\$5.30	
Hydrant 2" Meter Bulk Users	0	999	\$22.49	0.000	\$1.95
	1,000	1,999	\$22.49	0.000	\$1.95
	2,000	2,999	\$22.49	0.000	\$1.95
	3,000	3,999	\$22.49	0.000	\$2.15
	4,000	4,999	\$22.49	0.000	\$2.15
	5,000	5,999	\$22.49	0.000	\$2.15
	6,000	6,999	\$22.49	0.000	\$2.37
	7,000	7,999	\$22.49	0.000	\$2.37
	8,000	8,999	\$22.49	0.000	\$2.37
	9,000	9,999	\$22.49	0.000	\$2.37
	10,000	14,999	\$22.49	0.000	\$3.20
	15,000	19,999	\$22.49	0.000	\$3.20
	20,000	29,999	\$22.49	0.000	\$3.38
	30,000	39,999	\$22.49	0.000	\$3.72
	40,000	49,999	\$22.49	0.000	\$4.08
	50,000	59,999	\$22.49	0.000	\$5.30
	60,000	69,999	\$22.49	0.000	\$5.30
	70,000	79,999	\$22.49	0.000	\$5.30
	80,000	89,999	\$22.49	0.000	\$5.30
	90,000	99,999	\$22.49	0.000	\$5.30
	100,000	109,999	\$22.49	0.000	\$5.30
110,000	119,999	\$22.49	0.000	\$5.30	
120,000	129,999	\$22.49	0.000	\$5.30	
130,000	139,999	\$22.49	0.000	\$5.30	
140,000	149,999	\$22.49	0.000	\$5.30	
150,000	159,999	\$22.49	0.000	\$5.30	
160,000	99,999,999	\$22.49	0.000	\$5.30	

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 14 - Cost Classification for Test Year

This table distributes costs from a representative year (the "target" year) to fixed and variable categories (see Definitions) in order to calculate the "proportional to use" or "cost of service" rate structure based upon the cost breakdown for that year.

The rate structure target year runs from 7/1/2016 through 6/30/2017

Operating Costs	Amount	Fixed Cost %	Variable Cost %	Capacity Cost %	Fixed Cost Amount	Variable Cost Amount	Capacity Cost Amount
Advertising & Promotion	\$4,566	100.0%	0.0%	0.0%	\$4,566	\$0	\$0
Annual Audit	\$23,861	100.0%	0.0%	0.0%	\$23,861	\$0	\$0
Association Dues & Memberships	\$1,600	50.0%	50.0%	0.0%	\$800	\$800	\$0
Bad Debt Expense	\$13,341	50.0%	50.0%	0.0%	\$6,670	\$6,670	\$0
Board Meeting Per Diem	\$9,859	100.0%	0.0%	0.0%	\$9,859	\$0	\$0
Building Repair & Maintenance	\$1,857	50.0%	50.0%	0.0%	\$928	\$928	\$0
Cellular Phone	\$7,760	100.0%	0.0%	0.0%	\$7,760	\$0	\$0
Chemicals	\$20,653	0.0%	100.0%	0.0%	\$0	\$20,653	\$0
Company Insurance	\$43,666	50.0%	50.0%	0.0%	\$21,833	\$21,833	\$0
Contract Labor	\$6,969	50.0%	50.0%	0.0%	\$3,484	\$3,484	\$0
Debt Service - Interest (Loan Closeout)	\$0	50.0%	50.0%	0.0%	\$0	\$0	\$0
Debt Service - Principal (Loan Closeout)	\$0	50.0%	50.0%	0.0%	\$0	\$0	\$0
Dental Insurance	\$4,007	50.0%	50.0%	0.0%	\$2,003	\$2,003	\$0
EBID Fees (ROW Lease)	\$13,496	50.0%	50.0%	0.0%	\$6,748	\$6,748	\$0
Educational Assistance	\$3,115	50.0%	50.0%	0.0%	\$1,558	\$1,558	\$0
Electric	\$270,971	0.0%	100.0%	0.0%	\$0	\$270,971	\$0
Engineering Services	\$75,000	50.0%	50.0%	0.0%	\$37,500	\$37,500	\$0
Equipment Rentals	\$2,179	50.0%	50.0%	0.0%	\$1,090	\$1,090	\$0
Equipment Repairs & Maintenance	\$5,305	50.0%	50.0%	0.0%	\$2,653	\$2,653	\$0
FICA Tax Expense	\$54,771	33.0%	67.0%	0.0%	\$18,074	\$36,696	\$0
Financial Services	\$7,505	100.0%	0.0%	0.0%	\$7,505	\$0	\$0
Food	\$1,500	100.0%	0.0%	0.0%	\$1,500	\$0	\$0
Fuel & Oil	\$23,064	50.0%	50.0%	0.0%	\$11,532	\$11,532	\$0
FUTA Expense (Fed Unemployment Tax)	\$1,000	33.0%	67.0%	0.0%	\$330	\$670	\$0
Gas Service	\$1,162	50.0%	50.0%	0.0%	\$581	\$581	\$0
Health Insurance	\$102,600	33.0%	67.0%	0.0%	\$33,858	\$68,742	\$0
Internet Service	\$3,269	100.0%	0.0%	0.0%	\$3,269	\$0	\$0
IT Services	\$28,337	100.0%	0.0%	0.0%	\$28,337	\$0	\$0
Janitor Services & Supplies	\$5,833	100.0%	0.0%	0.0%	\$5,833	\$0	\$0
Land Easements	\$0	100.0%	0.0%	0.0%	\$0	\$0	\$0
Leasing & Maint. Agreements	\$128,577	50.0%	50.0%	0.0%	\$64,289	\$64,289	\$0
Legal Services	\$150,000	100.0%	0.0%	0.0%	\$150,000	\$0	\$0
Licenses, Permits, Fees	\$57,352	100.0%	0.0%	0.0%	\$57,352	\$0	\$0
Mandatory Medical	\$1,471	33.0%	67.0%	0.0%	\$485	\$986	\$0
Miscellaneous Expense	\$0	50.0%	50.0%	0.0%	\$0	\$0	\$0
Office Repairs & Maintenance	\$59	100.0%	0.0%	0.0%	\$59	\$0	\$0
Other Professional Services	\$63,096	33.0%	67.0%	0.0%	\$20,822	\$42,274	\$0
Overtime	\$30,289	33.0%	67.0%	0.0%	\$9,995	\$20,294	\$0
Postage & Shipping	\$66,057	100.0%	0.0%	0.0%	\$66,057	\$0	\$0
Pubic Employees Retirement Association	\$61,564	33.0%	67.0%	0.0%	\$20,316	\$41,248	\$0
Real Estate Taxes	\$14,578	50.0%	50.0%	0.0%	\$7,289	\$7,289	\$0
Safety Equipment	\$1,199	50.0%	50.0%	0.0%	\$600	\$600	\$0
Salaries	\$669,642	33.0%	67.0%	0.0%	\$220,982	\$448,660	\$0
Sample Testing	\$12,068	50.0%	50.0%	0.0%	\$6,034	\$6,034	\$0

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 14 - Cost Classification for Test Year

Operating Costs	Amount	Fixed Cost %	Variable Cost %	Capacity Cost %	Fixed Cost Amount	Variable Cost Amount	Capacity Cost Amount
Small Tools	\$1,493	50.0%	50.0%	0.0%	\$747	\$747	\$0
STD/LTD/Life	\$7,169	33.0%	67.0%	0.0%	\$2,366	\$4,803	\$0
Supplies & Expenses	\$144,645	50.0%	50.0%	0.0%	\$72,322	\$72,322	\$0
SUTA Expense (State Unemployment Tax)	\$26,000	33.0%	67.0%	0.0%	\$8,580	\$17,420	\$0
System Repairs & Maintenance	\$75,056	50.0%	50.0%	0.0%	\$37,528	\$37,528	\$0
Telephone	\$10,067	100.0%	0.0%	0.0%	\$10,067	\$0	\$0
Trainings & Seminars	\$12,480	33.0%	67.0%	0.0%	\$4,118	\$8,362	\$0
Trash Service	\$3,648	50.0%	50.0%	0.0%	\$1,824	\$1,824	\$0
Travel	\$10,400	33.0%	67.0%	0.0%	\$3,432	\$6,968	\$0
Uniforms	\$3,525	50.0%	50.0%	0.0%	\$1,763	\$1,763	\$0
Vehicle Repairs & Maintenance	\$4,762	50.0%	50.0%	0.0%	\$2,381	\$2,381	\$0
Vision insurance	\$1,334	33.0%	67.0%	0.0%	\$440	\$894	\$0
Water Conservation Fee	\$23,020	0.0%	100.0%	0.0%	\$0	\$23,020	\$0
Water/Sewer Service	\$2,229	50.0%	50.0%	0.0%	\$1,114	\$1,114	\$0
Workman's Comp	\$20,641	33.0%	67.0%	0.0%	\$6,812	\$13,830	\$0
Temporary Non-payment to Replacement Fund	\$0	50.0%	50.0%	0.0%	\$0	\$0	\$0
Annual Payment to Replacement Fund (Table 17)	\$445,933	50.0%	50.0%	0.0%	\$222,966	\$222,966	\$0
User Charge Analysis Services	\$0	50.0%	50.0%	0.0%	\$0	\$0	\$0
CIP Spending Net of Grant/Loan Proceeds and Other External Incomes (Table 4)	\$618,493	50.0%	25.0%	25.0%	\$309,247	\$154,623	\$154,623
Offset for Capacity Surcharges (Table 10)	-\$348,574	50.0%	25.0%	25.0%	-\$174,287	-\$87,143	-\$87,143
Grand Total Costs, Weighted Avg Percentages	\$3,055,522	45.1%	52.7%	2.2%	\$1,377,834	\$1,610,209	\$67,480

"Proportional to Use" Rate Structure Cost Basis		100%	\$3,055,522	
Average Fixed Cost/User/Month =	\$21.82		Water Loss is Estimated at	0%
Average Variable Cost to Produce/1,000 Gallons =	\$2.73		Cost of Water Loss is Estimated at	52%
Gallons/Billing Cycle Used by Average Residential Customer =	4,398		Resulting Cost of Water Loss	\$0
			Test Year Customer Metered Usage (in Gallons)	590,835,634
			+ Test Year Water Loss	0
			Total Test Year Volume	590,835,634

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 15 - Marginal Costs

This table depicts marginal fixed and variable costs that would be incurred to serve "snow birds" or similar customers that discontinue service, or would like to discontinue service for part of the year. In other words, these are unavoidable costs that snow birds and similar customers cause even when they are gone. The marginal fixed cost shown at the bottom of this table is used in Table 10 to calculate the "Snow Bird" fee for various meter sizes.

The rate structure target year runs from 7/1/2015 through 6/30/2016

Operating Costs	Amount	Marginal Fixed Cost %	Marginal Variable Cost %	Marginal Capacity Cost %	Marginal Fixed Cost Amount	Marginal Variable Cost Amount	Marginal Capacity Cost Amount
Advertising & Promotion	\$4,342	100%	100%	100%	\$4,342	\$0	\$0
Annual Audit	\$22,943	100%	100%	100%	\$22,943	\$0	\$0
Association Dues & Memberships	\$1,538	50%	50%	50%	\$385	\$385	\$0
Bad Debt Expense	\$12,827	100%	100%	100%	\$6,414	\$6,414	\$0
Board Meeting Per Diem	\$9,480	100%	100%	100%	\$9,480	\$0	\$0
Building Repair & Maintenance	\$1,786	100%	100%	100%	\$893	\$893	\$0
Cellular Phone	\$7,462	100%	100%	100%	\$7,462	\$0	\$0
Chemicals	\$19,640	0%	0%	0%	\$0	\$0	\$0
Company Insurance	\$41,987	50%	50%	50%	\$10,497	\$10,497	\$0
Contract Labor	\$6,969	100%	100%	100%	\$3,484	\$3,484	\$0
Debt Service - Interest (Loan Closeout)	\$0	100%	100%	100%	\$0	\$0	\$0
Debt Service - Principal (Loan Closeout)	\$0	100%	100%	100%	\$0	\$0	\$0
Dental Insurance	\$3,853	50%	50%	50%	\$963	\$963	\$0
EBID Fees (ROW Lease)	\$13,496	100%	100%	100%	\$6,748	\$6,748	\$0
Educational Assistance	\$2,995	50%	50%	50%	\$749	\$749	\$0
Electric	\$257,676	5%	5%	5%	\$0	\$12,884	\$0
Engineering Services	\$60,000	100%	100%	100%	\$30,000	\$30,000	\$0
Equipment Rentals	\$2,095	100%	100%	100%	\$1,048	\$1,048	\$0
Equipment Repairs & Maintenance	\$5,101	100%	100%	100%	\$2,551	\$2,551	\$0
FICA Tax Expense	\$52,664	50%	50%	50%	\$8,690	\$17,642	\$0
Financial Services	\$7,216	100%	100%	100%	\$7,216	\$0	\$0
Food	\$1,443	0%	0%	0%	\$0	\$0	\$0
Fuel & Oil	\$22,177	100%	100%	100%	\$11,088	\$11,088	\$0
FUTA Expense (Fed Unemployment Tax)	\$900	50%	50%	50%	\$149	\$302	\$0
Gas Service	\$1,117	100%	100%	100%	\$559	\$559	\$0
Health Insurance	\$95,000	50%	50%	50%	\$15,675	\$31,825	\$0
Internet Service	\$3,144	100%	100%	100%	\$3,144	\$0	\$0
IT Services	\$27,247	100%	100%	100%	\$27,247	\$0	\$0
Janitor Services & Supplies	\$5,609	100%	100%	100%	\$5,609	\$0	\$0
Land Easements	\$0	100%	100%	100%	\$0	\$0	\$0
Leasing & Maint. Agreements	\$123,632	100%	100%	100%	\$61,816	\$61,816	\$0
Legal Services	\$150,000	100%	100%	100%	\$150,000	\$0	\$0
Licenses, Permits, Fees	\$55,146	100%	100%	100%	\$55,146	\$0	\$0
Mandatory Medical	\$1,414	50%	50%	50%	\$233	\$474	\$0
Miscellaneous Expense	\$0	50%	50%	50%	\$0	\$0	\$0
Office Repairs & Maintenance	\$57	100%	100%	100%	\$57	\$0	\$0
Other Professional Services	\$60,000	100%	100%	100%	\$19,800	\$40,200	\$0
Overtime	\$29,124	50%	50%	50%	\$4,806	\$9,757	\$0
Postage & Shipping	\$63,517	100%	100%	100%	\$63,517	\$0	\$0
Pubic Employees Retirement Association	\$59,197	50%	50%	50%	\$9,767	\$19,831	\$0
Real Estate Taxes	\$14,017	100%	100%	100%	\$7,009	\$7,009	\$0
Safety Equipment	\$1,153	50%	50%	50%	\$288	\$288	\$0
Salaries	\$643,886	50%	50%	50%	\$106,241	\$215,702	\$0

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 15 - Marginal Costs

Operating Costs	Amount	Marginal Fixed Cost %	Marginal Variable Cost %	Marginal Capacity Cost %	Marginal Fixed Cost Amount	Marginal Variable Cost Amount	Marginal Capacity Cost Amount
Sample Testing	\$11,604	100%	100%	100%	\$5,802	\$5,802	\$0
Small Tools	\$1,436	100%	100%	100%	\$718	\$718	\$0
STD/LTD/Life	\$6,894	50%	50%	50%	\$1,137	\$2,309	\$0
Supplies & Expenses	\$139,082	100%	100%	100%	\$69,541	\$69,541	\$0
SUTA Expense (State Unemployment Tax)	\$25,000	50%	50%	50%	\$4,125	\$8,375	\$0
System Repairs & Maintenance	\$72,169	100%	100%	100%	\$36,085	\$36,085	\$0
Telephone	\$9,680	100%	100%	100%	\$9,680	\$0	\$0
Trainings & Seminars	\$12,000	50%	50%	50%	\$1,980	\$4,020	\$0
Trash Service	\$3,507	100%	100%	100%	\$1,754	\$1,754	\$0
Travel	\$10,000	50%	50%	50%	\$1,650	\$3,350	\$0
Uniforms	\$3,390	50%	50%	50%	\$847	\$847	\$0
Vehicle Repairs & Maintenance	\$4,579	100%	100%	100%	\$2,289	\$2,289	\$0
Vision insurance	\$1,283	50%	50%	50%	\$212	\$430	\$0
Water Conservation Fee	\$22,135	100%	100%	100%	\$0	\$22,135	\$0
Water/Sewer Service	\$2,143	100%	100%	100%	\$1,072	\$1,072	\$0
Workman's Comp	\$19,848	50%	50%	50%	\$3,275	\$6,649	\$0
Temporary Non-payment to Replacement Fund	-\$445,933	100%	100%	100%	-\$222,966	-\$222,966	\$0
Surchargeable Services	\$0	100%	100%	100%	\$0	\$0	\$0
Water Loss	\$0	100%	100%	100%	\$0	\$0	\$0
One-time Transfer to Replacement Fund	\$0	100%	100%	100%	\$0	\$0	\$0
Annual Payment to Replacement Fund (Table 17)	\$445,933	100%	100%	100%	\$222,966	\$222,966	\$0
User Charge Analysis Services	\$7,452	100%	100%	100%	\$3,726	\$3,726	\$0
CIP Spending Net of Grant/Loan Proceeds and Other External Incomes (Table 4)	\$618,493	100%	100%	100%	\$309,247	\$154,623	\$154,623
Offset for Capacity Surcharges (Table 10)	-\$348,574	100%	100%	100%	-\$174,287	-\$87,143	-\$87,143
Grand Total All Costs	\$2,513,970				\$944,865	\$729,688	\$67,480

Marginal Costs per Customer, Volume Unit and Capacity Share

The system would suffer a net revenue loss if it set minimum and unit charges lower than the marginal costs at the right. It would make a "profit" on a marginal cost basis if it charged more. Capacity costs, however, are a bit different. They can be recovered over time, as modeled here, or all at once in the case of connection (tap-on) fees or by using a combination of both methods. Using the cost basis in Table 10, marginal capacity costs may be even higher than modeled here.

	Number of Customers	Volume in 1,000s of Gallons	Marginal Fixed Cost per Customer	Marginal Variable Cost per 1,000 Gallons	Marginal Capacity Cost per AWWA Capacity Share per Monthly
	5,261	590,836	\$14.97		
Marginal Fixed Cost as a Percent of Average Fixed Cost (Table 14):			85%	\$1.24	
Marginal Variable Cost as a Percent of Average Variable Cost (Table 14):				55%	\$0.82
Marginal Variable Cost as a Percent of Average Variable Cost (Table 14):					100%

Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 16 - Equipment Replacement Details Table

Assumed Same Amount as Repair and Maintenance Costs

Year Beginning	Assumed Amount at 15% of Operating Costs, Excluding Debt Service											Total Annual Replacement Costs
1/1/14	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1/1/15	\$350,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,950
1/1/16	\$350,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,950
1/1/17	\$350,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,950
1/1/18	\$350,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,950
1/1/19	\$350,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,950
1/1/20	\$350,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,950
1/1/21	\$350,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,950
1/1/22	\$350,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,950
1/1/23	\$350,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,950
1/1/24	\$350,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,950
1/1/25	\$350,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,950
1/1/26	\$350,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,950
1/1/27	\$350,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,950
1/1/28	\$350,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,950
1/1/29	\$350,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,950
1/1/30	\$350,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,950
1/1/31	\$350,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,950
1/1/32	\$350,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,950
1/1/33	\$350,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,950
1/1/34	\$350,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,950
1/1/35	\$350,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$350,950

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Dona Ana MDWC, NM Water Rates Scenario 2016-3

Table 17 - Replacement Schedule

This schedule calculates the annual annuity needed to fund all replacement and refurbishment from Table 16, the detailed schedule.

2.00% Average Inflation Rate for the Following Water System Equipment for the Term of This Replacement Schedule

3.00% Average Interest Rate on Balances Invested for the Term of This Replacement Schedule

3.00% Average Interest Rate on Amounts Borrowed for the Term of This Replacement Schedule

Year Beginning	Item Description	This Year's Costs in Current Dollars	Future Annual Inflated Net Costs	Interest Earned on Prior Balance	End of Year Balance in Future Dollars	Minimum Desired End of Year Balance in Future Dollars
1/1/14	Last year's replacements	\$0	\$0	\$0	\$0	\$350,950
1/1/15	Total of replacements from detailed replacement schedule	\$350,950	\$357,969	\$0	\$87,963	\$357,969
1/1/16	Total of replacements from detailed replacement schedule	\$350,950	\$365,129	\$2,639	\$171,406	\$365,129
1/1/17	Total of replacements from detailed replacement schedule	\$350,950	\$372,431	\$5,142	\$250,050	\$372,431
1/1/18	Total of replacements from detailed replacement schedule	\$350,950	\$379,880	\$7,501	\$323,604	\$379,880
1/1/19	Total of replacements from detailed replacement schedule	\$350,950	\$387,478	\$9,708	\$391,767	\$387,478
1/1/20	Total of replacements from detailed replacement schedule	\$350,950	\$395,227	\$11,753	\$454,226	\$395,227
1/1/21	Total of replacements from detailed replacement schedule	\$350,950	\$403,132	\$13,627	\$510,654	\$403,132
1/1/22	Total of replacements from detailed replacement schedule	\$350,950	\$411,194	\$15,320	\$560,712	\$411,194
1/1/23	Total of replacements from detailed replacement schedule	\$350,950	\$419,418	\$16,821	\$604,048	\$419,418
1/1/24	Total of replacements from detailed replacement schedule	\$350,950	\$427,807	\$18,121	\$640,295	\$427,807
1/1/25	Total of replacements from detailed replacement schedule	\$350,950	\$436,363	\$19,209	\$669,074	\$436,363
1/1/26	Total of replacements from detailed replacement schedule	\$350,950	\$445,090	\$20,072	\$689,989	\$445,090
1/1/27	Total of replacements from detailed replacement schedule	\$350,950	\$453,992	\$20,700	\$702,630	\$453,992
1/1/28	Total of replacements from detailed replacement schedule	\$350,950	\$463,072	\$21,079	\$706,570	\$463,072
1/1/29	Total of replacements from detailed replacement schedule	\$350,950	\$472,333	\$21,197	\$701,367	\$472,333
1/1/30	Total of replacements from detailed replacement schedule	\$350,950	\$481,780	\$21,041	\$686,561	\$481,780
1/1/31	Total of replacements from detailed replacement schedule	\$350,950	\$491,415	\$20,597	\$661,675	\$491,415
1/1/32	Total of replacements from detailed replacement schedule	\$350,950	\$501,244	\$19,850	\$626,214	\$501,244
1/1/33	Total of replacements from detailed replacement schedule	\$350,950	\$511,269	\$18,786	\$579,665	\$511,269
1/1/34	Total of replacements from detailed replacement schedule	\$350,950	\$521,494	\$17,390	\$521,494	\$521,494
Notes: Because the District does not have a formal R&R schedule, it was assumed that true R&R costs are equal to the "repair and maintenance" items in Table 3. In addition, a Discretionary Annuity amount was added so that at the end of the 20-year modeling period, the balance will equal the average of the annual replacement cost amounts.		Starting Account Balance			\$0	\$350,950
		Minimum Annual Annuity			\$426,525	Minimum Desired Balance in Today's Dollars
		Discretionary Annuity			\$19,408	
Required Annual Deposit to Replacement Account					\$445,933	

This amount is entered into Table 3 as an operating cost of the system.

Dona Ana MDWCA, Las Cruces, NM, Sewer Rates Scenario 2016-2 Modeling Results

This document contains the calculations that were performed to arrive at new user rates and fees for the next 10 years. These calculations are complex so key issues are also described in a narrative report that accompanies this model.

This analysis was conducted so as to establish user rates that are adequate to pay all reasonably expectable costs while charging rates that are fairly structured and appropriately simple or complex.

Scenario Description: This analysis model assumes minimum charges that capture basic fixed costs plus a surcharge based upon meter size to capture part of the cost of building system capacity. Unit charges will be level; the same for all volumes of use, and capture variable costs. After initially setting rates as shown in the table in the narrative report, inflationary rate increases will be done annually.

For most, the best way to read and understand what this model means is this. Scan the "Index of Tables, Charts and Other Results" to see how the model is laid out. Scan the "Definitions" for any terms you are not already familiar with. Read and even ponder Table 1 and the line graph charts. These will show you how the proposed rate adjustments will affect ratepayers and the system. If you need more detail than that, review the entire model. Finally, rate setting involves much more than just rates so you need to read the accompanying narrative report to understand what you need to do and why.

Several tables in this model depict volume usage and user rates for the various customer classes. The model includes a continuum of volumes but many volume categories had no users. Most of these lines have been hidden simply to make the tables less voluminous. However, all volume classes that had use or that are break points for rate blocks are shown. For volume classes that are not shown, rates will be the same as the previous rate that is shown.

February 2, 2016
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CBGreatRates© Version 7.1

Dona Ana MDWC, NM Sewer Rates Scenario 2016-1

Return on Investment

The rates depicted in this model will produce various returns on investment or paybacks. Usually the most important payback, at least to ratepayers, is a rate structure that is demonstrably fair. For the system, revenues (usually increased) that will be adequate to pay all expected, expectable and many unexpected costs is the key return.

The following calculations show what was invested and what the returns will be over two periods; five years and 10 years. Five years is a reasonable period for return projections. Ten years is a good basic planning horizon but you should not bank on amounts or returns projected that far out. Besides, most systems should have their analyses redone long before then.

Consider these key points about returns on investment. Because the recommended, overall higher rates will fund more improvements, better repair and replacement and such, much of the increase in revenues will be absorbed by those expenses. Thus, few systems end up with a dramatic increase in their reserves because most of the additional revenues get used up making needed improvements. Fairer and higher rates generally enable systems to qualify for grant and loan funding, too, increasing those funds but also using up those funds.

Also note that rates in this model have been modeled to be adjusted during the year following the test year or even later. That year is included in the first five-year return on investment calculation. Thus, the first year of returns calculated below include most or all of one year where rates will not have been changed yet, lowering the calculated return on investment but not the real rate of return.

Calculations

\$7,452 Fees to GettingGreatRates.com
\$500 Estimated value of system staff time and incidentals to assemble needed information
\$7,952 Total Investment for This Analysis

\$580,672 Five-year Improvement in Cash Position Due at Least Partly to This Analysis
7302% Five-year Return on Investment (increase in revenues / investment)

\$3,524,207 Ten-year Improvement in Cash Position Due at Least Partly to This Analysis
44320% Ten-year Return on Investment (increase in revenues / investment)

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Dona Ana MDWC, NM Sewer Rates Scenario 2016-1

Table 1 - Recommended Rates

Adopt the minimum and unit charges shown in this table. The minimum charges come from the yellow highlighted column of Table 10 of the model. Use that table to set minimum charges for meter sizes not shown in this table.

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Minimum Charge per Billing Cycle	Usage Allowance in 1,000 Gallons	Unit Charge per 1,000 Gallons
0.625	0	999	\$15.47	0.000	\$3.32
	1,000	1,999	\$15.47	0.000	\$3.32
	2,000	2,999	\$15.47	0.000	\$3.32
	3,000	3,999	\$15.47	0.000	\$3.32
	4,000	4,999	\$15.47	0.000	\$3.32
	5,000	5,999	\$15.47	0.000	\$3.32
	160,000	99,999,999	\$15.47	0.000	\$3.32
0.750	0	999	\$15.47	0.000	\$3.32
	1,000	1,999	\$15.47	0.000	\$3.32
	2,000	2,999	\$15.47	0.000	\$3.32
	3,000	3,999	\$15.47	0.000	\$3.32
	4,000	4,999	\$15.47	0.000	\$3.32
	5,000	5,999	\$15.47	0.000	\$3.32
	160,000	99,999,999	\$15.47	0.000	\$3.32
1.000	0	999	\$16.05	0.000	\$3.32
	1,000	1,999	\$16.05	0.000	\$3.32
	2,000	2,999	\$16.05	0.000	\$3.32
	3,000	3,999	\$16.05	0.000	\$3.32
	4,000	4,999	\$16.05	0.000	\$3.32
	5,000	5,999	\$16.05	0.000	\$3.32
	160,000	99,999,999	\$16.05	0.000	\$3.32
2.000	0	999	\$21.33	0.000	\$3.32
	1,000	1,999	\$21.33	0.000	\$3.32
	2,000	2,999	\$21.33	0.000	\$3.32
	3,000	3,999	\$21.33	0.000	\$3.32
	4,000	4,999	\$21.33	0.000	\$3.32
	5,000	5,999	\$21.33	0.000	\$3.32
	160,000	99,999,999	\$21.33	0.000	\$3.32
No Meter Size	0	999	\$15.47	0.000	\$3.32
	1,000	1,999	\$15.47	0.000	\$3.32
	2,000	2,999	\$15.47	0.000	\$3.32
	3,000	3,999	\$15.47	0.000	\$3.32
	4,000	4,999	\$15.47	0.000	\$3.32
	5,000	5,999	\$15.47	0.000	\$3.32
	160,000	99,999,999	\$15.47	0.000	\$3.32

Dona Ana MDWC, NM Sewer Rates Scenario 2016-1

Table 2 - User Base and Operating Incomes

This table depicts user statistics and system incomes during the test year and for the next 10 years.

Annual Median Household Income (AMHI)

\$29,487	Census Bureau estimate of AMHI for the year:	2013
<u>\$27,292</u>	Census Bureau estimate of AMHI for the year:	2000
\$2,195 AMHI growth during this time period		
0.62% Simple annual income growth rate during this time period (used to project incomes into the future)		

Test Year Growth of Customer Base and Average Tap Fee Paid per Connection

10	Number of new taps or installations made during the test year
\$0	Average tap or installation fee assessed during the test year

The gray highlighted row below shows the rate revenue increase for "This Year" (heading highlighted blue). However, for "This Year," each customer's bill will go up or down based upon how the new rates apply to their actual use and demand. In future years it is assumed that all rates and fees will go up, either by a simple inflationary factor shown on this line or restructured rates that produce this level of income increases.

In the "This Year" column below (heading highlighted blue), revenues will be collected at the now-current rates for the first part of the year and the modeled rates for the last part of the year starting on the date near the top of Table 12. Thus, the revenues shown in the last column of the table are "blended" revenues; part collected at the old rates and part collected at the new rates. It was then assumed that all rate adjustments made after the initial (major) adjustment will be done in time each year so fees can be collected from the first day of each new year at the (annually) adjusted rates.

User Base

(First year balances and incomes are <u>actual</u> , subsequent years are <u>projected</u> .)	Infla./De- flation (-) Factor	Test Year	This Year	2nd Year	3rd Year	4th Year	5th Year	6th Year	7th Year	8th Year	9th Year	10th Year
		Starting 7/1/14	Starting 7/1/15	Starting 7/1/16	Starting 7/1/17	Starting 7/1/18	Starting 7/1/19	Starting 7/1/20	Starting 7/1/21	Starting 7/1/22	Starting 7/1/23	Starting 7/1/24
Average Users for the Year	NA	1168	1178	1188	1211	1234	1257	1680	1703	1713	1723	1733
Users Added/Lost During the Year	NA	10.0	10.0	10.0	23.0	23.0	23.0	423.0	23.0	10.0	10.0	10.0
User Growth or Loss Rate	NA	0.86%	0.85%	0.84%	0.84%	1.86%	1.83%	25.18%	1.35%	0.58%	0.58%	0.58%
Rate Increases Projected for Future Years	NA	NA	NA	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%

How User Charge Fees Were Calculated, Accounting for New Customers and Future Rate Increases

Actual or Calculated Sales Revenues	\$452,092	\$467,790	\$516,175	\$536,136	\$556,868	\$584,265	\$612,804	\$790,112	\$824,807	\$854,511	\$885,254
Additional Sales Revenues From New Customers		\$3,971	\$4,345	\$4,513	\$10,379	\$10,691	\$154,295	\$10,671	\$4,815	\$4,959	\$5,108
Total Calculated Revenues	\$452,092	\$471,762	\$520,520	\$540,649	\$567,247	\$594,956	\$767,100	\$800,783	\$829,622	\$859,470	\$890,362

Operating Incomes

User Charge Fees	NA	\$452,092	\$471,762	\$520,520	\$540,649	\$567,247	\$594,956	\$767,100	\$800,783	\$829,622	\$859,470	\$890,362
Late Payment Charge	NA	\$15,828	\$16,517	\$18,224	\$18,928	\$19,860	\$20,830	\$26,857	\$28,036	\$29,046	\$30,091	\$31,172
New Taps or Connections (Current Rate Structure) % Above		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Meter-size Based Tap Fees (Table 9) % Above		\$0	\$3,716	\$15,393	\$36,465	\$37,559	\$38,686	\$732,824	\$41,042	\$18,379	\$18,931	\$19,499
Interest Income	NA	\$0	\$1,134	\$963	\$1,117	\$1,154	\$1,235	\$1,232	\$1,274	\$1,364	\$1,362	\$1,409
Total Operating Incomes		\$467,920	\$493,128	\$555,099	\$597,159	\$625,820	\$655,706	\$1,528,012	\$871,135	\$878,411	\$909,853	\$942,442

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Table 3 - Operating Costs and Net Income

This table depicts expenses during the test year, this year and for the next 10 years.

(First year costs and net incomes are actual, subsequent years are projected.)

	Infla./De- flation (-) Factor	Test Year	This Year	2nd Year	3rd Year	4th Year	5th Year	6th Year	7th Year	8th Year	9th Year	10th Year
		Starting 7/1/14	Starting 7/1/15	Starting 7/1/16	Starting 7/1/17	Starting 7/1/18	Starting 7/1/19	Starting 7/1/20	Starting 7/1/21	Starting 7/1/22	Starting 7/1/23	Starting 7/1/24
(Note: Some future costs will experience inflation. Those costs that go up as use goes up are also increased by the growth rate in users and the percentage by which that cost is variable as reported in Chart 4.)												
Association Dues & Memberships	4.0%	\$0	\$0	\$400	\$416	\$433	\$450	\$468	\$487	\$506	\$526	\$547
Chemicals	4.0%	\$5,413	\$5,629	\$50,000	\$52,000	\$54,080	\$56,243	\$58,493	\$60,833	\$63,266	\$65,797	\$68,428
Dental Insurance	4.0%	\$3	\$3	\$96	\$100	\$104	\$108	\$112	\$117	\$122	\$126	\$132
Engineering Services	4.0%	\$1,036	\$1,078	\$1,121	\$1,166	\$1,212	\$1,261	\$1,311	\$1,364	\$1,418	\$1,475	\$1,534
Equipment Rentals	4.0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Licenses, Permits, Fees	4.0%	\$37	\$39	\$1,264	\$1,315	\$1,367	\$1,422	\$1,479	\$1,538	\$1,600	\$1,663	\$1,730
Miscellaneous Expense	4.0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Professional Services	4.0%	\$37,200	\$19,344	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Postage & Shipping	4.0%	\$558	\$580	\$580	\$580	\$580	\$580	\$580	\$580	\$580	\$580	\$580
Pubic Employees Retirement Association	4.0%	\$50	\$52	\$1,715	\$1,784	\$1,855	\$1,929	\$2,006	\$2,086	\$2,170	\$2,257	\$2,347
Safety Equipment	4.0%	\$690	\$717	\$746	\$776	\$807	\$839	\$873	\$908	\$944	\$982	\$1,021
Salaries	4.0%	\$587	\$610	\$20,000	\$20,800	\$21,632	\$22,497	\$23,397	\$24,333	\$25,306	\$26,319	\$27,371
Sample Testing	4.0%	\$5,712	\$5,941	\$6,178	\$6,426	\$6,683	\$6,950	\$7,228	\$7,517	\$7,818	\$8,130	\$8,456
Sludge Removal	4.0%	\$35,491	\$36,910	\$38,387	\$39,922	\$41,519	\$43,180	\$44,907	\$46,703	\$48,571	\$50,514	\$52,535
Small Tools	4.0%	\$13	\$14	\$14	\$15	\$15	\$16	\$16	\$17	\$18	\$18	\$19
STD/LTD/Life	4.0%	\$8	\$8	\$265	\$275	\$286	\$298	\$310	\$322	\$335	\$348	\$362
Supplies & Expenses	4.0%	\$3,809	\$3,961	\$4,120	\$4,284	\$4,456	\$4,634	\$4,819	\$5,012	\$5,213	\$5,421	\$5,638
System Repairs & Maintenance	4.0%	\$4,417	\$4,594	\$4,778	\$4,969	\$5,168	\$5,374	\$5,589	\$5,813	\$6,045	\$6,287	\$6,539
Trainings & Seminars	4.0%	\$109	\$113	\$3,714	\$3,863	\$4,017	\$4,178	\$4,345	\$4,519	\$4,699	\$4,887	\$5,083
Travel	4.0%	\$0	\$0	\$2,600	\$2,704	\$2,812	\$2,925	\$3,042	\$3,163	\$3,290	\$3,421	\$3,558
Vehicle Repairs & Maintenance	4.0%	\$163	\$170	\$176	\$183	\$191	\$198	\$206	\$215	\$223	\$232	\$241
Vision insurance	4.0%	\$1	\$1	\$35	\$37	\$38	\$40	\$41	\$43	\$45	\$47	\$48
Reimbursement of Fees to County	0.0%	\$102,000	\$76,639	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Treatment by City	4.0%	\$0	\$0	\$20,000	\$20,800	\$21,632	\$22,497	\$23,397	\$24,333	\$25,306	\$26,319	\$27,371
Temporary Non-payment to Replacement Fund	0.0%	-\$36,260	-\$36,260	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Annual Payment to Replacement Fund (Table 17)	0.0%	\$36,260	\$36,260	\$36,260	\$36,260	\$36,260	\$36,260	\$36,260	\$36,260	\$36,260	\$36,260	\$36,260
User Charge Analysis Services	5.0%	\$0	\$7,452	\$0	\$0	\$8,216	\$0	\$0	\$9,058	\$0	\$0	\$9,986
CIP Spending Plan	N.A.	Table 4	Table 4	Table 4	Table 4	Table 4	Table 4	Table 4	Table 4	Table 4	Table 4	Table 4
Total Operating Costs		\$216,047	\$183,356	\$212,728	\$219,764	\$235,297	\$234,691	\$242,605	\$259,893	\$259,395	\$268,297	\$287,542
Net Income (or Loss)		\$251,873	\$309,772	\$342,371	\$377,395	\$390,523	\$421,016	\$1,285,407	\$611,242	\$619,016	\$641,556	\$654,900
Working Capital Goal: 35%	In Dollars, That is:	\$75,616	\$64,174	\$74,455	\$76,917	\$82,354	\$82,142	\$84,912	\$90,963	\$90,788	\$93,904	\$100,640

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Table 4 - Capital Improvement Program

This table depicts capital improvements and their funding. Costs reflect inflation.

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	Starting	This Year Starting	Next Year Starting	3rd Year Starting	4th Year Starting	5th Year Starting	6th Year Starting	7th Year Starting	8th Year Starting	9th Year Starting	10th Year Starting
	7/1/14	7/1/15	7/1/16	7/1/17	7/1/18	7/1/19	7/1/20	7/1/21	7/1/22	7/1/23	7/1/24
CIP Spending Plan											
(The portion of improvements that will be funded with loans are shown in this section. The balance of each of these improvements will be funded with grants and/or utility reserves. That is shown in the next section.)											
Capital Improvements to be Paid With Debt											
Colonias, SE Collection	\$0	\$0	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
USDA, SE Collection	\$0	\$0	\$0	\$0	\$0	\$1,800,000	\$0	\$0	\$0	\$0	\$0
Colonias, Lift Station & Force Main - DA Village	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Assumed Continuation of Current Level of CIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,050,000	\$0	\$0
Total Capital Improvements to be Paid With Debt	\$0	\$0	\$0	\$250,000	\$0	\$1,800,000	\$0	\$0	\$2,050,000	\$0	\$0
(This section includes the grant and reserves-funded portion of each improvement project. The actual grant amounts expected are shown in the CIP Funding Plan section that follows.)											
Capital Improvements to be Paid With Cash											
Reserve Funds, Sewer Line - Picacho Hills Arroyo	\$0	\$0	\$0	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Reserve Funds, New Vehicles for Operations and Administration	\$0	\$0	\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Assumed Continuation of Current Level of CIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$375,000	\$0	\$0
Total Cap Improvements to be Paid With Cash	\$0	\$0	\$0	\$375,000	\$0	\$0	\$0	\$0	\$375,000	\$0	\$0
Total CIP Planned Spending	\$0	\$0	\$0	\$625,000	\$0	\$1,800,000	\$0	\$0	\$2,425,000	\$0	\$0
CIP Funding Plan											
CIP and Debt Reserve Starting Balance	\$0	\$105,826	\$143,612	\$193,408	-\$87,460	-\$105,434	-\$87,807	\$685,225	\$804,001	\$565,339	\$599,934
Working Capital Transferred to CIP and Debt Reserve	\$392,428	\$321,214	\$332,090	\$374,933	\$385,087	\$421,228	\$1,282,637	\$605,191	\$619,191	\$638,440	\$648,165
CIP and Debt Reserve Interest Earned (or Paid)	\$0	\$3,175	\$4,308	\$5,802	-\$2,624	-\$3,163	-\$2,634	\$20,557	\$24,120	\$16,960	\$17,998
Grants	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Loan Originated in 3rd Year				\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Loan Originated in 5th Year						\$1,800,000	\$0	\$0	\$0	\$0	\$0
Loan for Assumed Continuation of Current Level of CIP									\$2,050,000	\$0	\$0
Total CIP Reserve and Income Sources	\$392,428	\$430,215	\$480,011	\$824,143	\$295,003	\$2,112,630	\$1,192,196	\$1,310,972	\$3,497,311	\$1,220,740	\$1,266,097
CIP Debt Payment Plan											
NMED RIP 2013 -01, Picacho Hills Utility Company Asset Purchase**	\$25,369	\$25,369	\$25,369	\$25,369	\$25,369	\$25,369	\$25,369	\$25,369	\$25,369	\$25,369	\$25,369
NMED RIP 2014 -01, PHUC Asset Purchase & Water/Wastewater Upgrades*	\$126,845	\$126,845	\$126,845	\$126,845	\$126,845	\$126,845	\$126,845	\$126,845	\$126,845	\$126,845	\$126,845
NMED RIP 00002, Water/Wastewater Upgrades*	\$126,845	\$126,845	\$126,845	\$126,845	\$126,845	\$126,845	\$126,845	\$126,845	\$126,845	\$126,845	\$126,845
NMFA/WTB 55, W/WW Reclamation, Collection & Surface Water	\$975	\$975	\$975	\$975	\$975	\$975	\$975	\$975	\$975	\$975	\$975
NMFA/WTB105, Reclamation Design & Planning*	\$719	\$719	\$719	\$719	\$719	\$719	\$719	\$719	\$719	\$719	\$719
NMFA/WTB 83, W/WW Reclamation, Collection & Surface Water	\$5,851	\$5,851	\$5,851	\$5,851	\$5,851	\$5,851	\$5,851	\$5,851	\$5,851	\$5,851	\$5,851
Loan Originated in 3rd Year					\$113,834	\$113,834	\$113,834	\$113,834	\$113,834	\$113,834	\$113,834
Loan Originated in 5th Year							\$106,535	\$106,535	\$106,535	\$106,535	\$106,535
Loan for Assumed Continuation of Current Level of CIP										\$113,834	\$113,834
Total Debt Payments	\$286,602	\$286,603	\$286,603	\$286,603	\$400,437	\$400,437	\$506,972	\$506,972	\$506,972	\$620,806	\$620,806
CIP Spending Net of Grant/Loan Proceeds and Other External Incomes	\$0	\$286,603	\$286,603	\$661,603	\$400,437	\$400,437	\$506,972	\$506,972	\$881,972	\$620,806	\$620,806
CIP and Debt Reserve Ending Balance	\$105,826	\$143,612	\$193,408	-\$87,460	-\$105,434	-\$87,807	\$685,225	\$804,001	\$565,339	\$599,934	\$645,291

Notes: The district has several expensive collection system improvements to make. Some of these expenses will be funded with reserves, some with loans.

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Table 5 - Capacity Cost Recovery

This table shows tap and capacity fee revenues and costs to expect. From these costs, tap fees and capacity demand charges will be developed in Table 5 and Table 8, respectively.

(First year figures are actual, subsequent years are projected.)

	Infla./De- flation (-) Factor	Year Starting 7/1/14	Year Starting 7/1/15	Year Starting 7/1/16	Year Starting 7/1/17	Year Starting 7/1/18	Year Starting 7/1/19	Year Starting 7/1/20	Year Starting 7/1/21	Year Starting 7/1/22	Year Starting 7/1/23	Year Starting 7/1/24
Tap Fee Revenues												
Customers (Taps) Added During the Year		10	10	10	23	23	23	423	23	10	10	10
Weighted Average Fee per New Tap	3.0%	\$0	\$372	\$1,539	\$1,585	\$1,633	\$1,682	\$1,732	\$1,784	\$1,838	\$1,893	\$1,950
Total Tap Fee Revenues	N.A.	\$0	\$3,716	\$15,393	\$36,465	\$37,559	\$38,686	\$732,824	\$41,042	\$18,379	\$18,931	\$19,499

Operating Costs Associated With Making New Connections

Field Costs for New Connections	4.0%	\$10,500	\$10,920	\$11,357	\$27,165	\$28,252	\$29,382	\$561,991	\$31,780	\$14,370	\$14,945	\$15,543
Administration Costs	4.0%	\$500	\$520	\$541	\$1,294	\$1,345	\$1,399	\$26,761	\$1,513	\$684	\$712	\$740
Total Direct Costs for New Connections		\$11,000	\$11,440	\$11,898	\$28,459	\$29,597	\$30,781	\$588,753	\$33,293	\$15,054	\$15,656	\$16,283

Note: These costs should be recovered by fees charged for making new taps (usually called, "tap fees") regardless of the demand capacity (commonly meter size) of each new tap made.

Net Tap Fee Revenues

Revenues Net of Operating Costs		-\$11,000	-\$7,724	\$3,495	\$8,006	\$7,961	\$7,904	\$144,071	\$7,749	\$3,325	\$3,274	\$3,216
Cum Rev Net of Operating Costs		-\$11,000	-\$18,724	-\$15,229	-\$7,224	\$738	\$8,642	\$152,713	\$160,461	\$163,787	\$167,061	\$170,277

Note: Connection charges should almost always cover at least the operating costs to make connections. Thus, cumulative revenues net of operating costs (immediately above) should be positive. If they are negative, you are subsidizing new taps.

Annualized Capacity Cost (Depreciation)

	Total Fixed Assets Book Value	% of Total Attributable to Capacity	Capacity Cost	Annualized Capacity Cost (see Note)
	\$959,945	50.0%	\$479,973	\$27,972
Totals	\$959,945	50.0%	\$479,973	\$27,972

Capital Costs Attributable to Growth and Capacity Development (Debt Service, Cash-paid Capital Improvements and/or Depreciation)

	% of CIP Attributable to Capacity
Target % to Recover From Tap Fees	72.0%
Target % to Recover From Capacity Charges	28.0%

Note: Capacity and connection costs WILL be recovered in one way by default, or a combination of ways by design: through regular user fees, in which case existing customers pay the costs to bring on new customers; through "tap" or connection fees, in which case new customers pay "up front" for the costs they cause the system to incur; through on-going demand or capacity charges, preferably based upon meter or connection size, in which case all customers pay for the capacity costs they cause over time; or some combination of these.

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This table depicts the affordability of future rates, the financial health of the system and the ending balances in various accounts for the test year and the next 10 years.

	Year Starting 7/1/14	Year Starting 7/1/15	Year Starting 7/1/16	Year Starting 7/1/17	Year Starting 7/1/18	Year Starting 7/1/19	Year Starting 7/1/20	Year Starting 7/1/21	Year Starting 7/1/22	Year Starting 7/1/23	Year Starting 7/1/24	
Capacity Indicators												
Equivalent Final Monthly Bill for a 5,000 gal per Month Residential User Owning 1 Share of Stock	\$33.37	\$37.64	\$38.77	\$39.93	\$41.13	\$42.37	\$43.64	\$44.95	\$46.29	\$47.68	\$49.11	
Annual Median Household Income (AMHI)	\$29,487	\$29,669	\$29,853	\$30,038	\$30,224	\$30,410	\$30,599	\$30,788	\$30,978	\$31,170	\$31,363	
Affordability Index: Current Rates First Column, Then Proposed Rates	1.36%	1.52%	1.56%	1.60%	1.63%	1.67%	1.71%	1.75%	1.79%	1.84%	1.88%	
Affordability Index is the percent of AMHI needed by a 5,000 gallon per month residential user to pay their bill. Rates near 1.0% are common in the U.S. and are generally considered affordable. Federal grant agencies generally will not consider awarding grants if this indicator is less than 2.0%. The above index is only for a 1 share customers but it should be fairly representative of all residential customers.												
Estimated Operating Ratio: Current Rates First Column, Then Proposed Rates	2.00	1.99	1.98	1.32	0.96	0.99	0.98	3.96	1.33	3.45	3.41	
1.0 is break even for Operating Ratio. Below 1.0 indicates operating in the "red." Generally, the operating ratio should be at least 1.15 for large systems, 1.30 or more for medium systems and perhaps as high as 2.0 for small systems.												
Estimated Coverage Ratio: Current Rates First Column, Then Proposed Rates	1.63	1.72	1.93	0.96	0.94	0.99	2.52	2.77	2.29	2.12	2.20	
Coverage Ratio applies only to years with debt service. 1.0 is break even. Generally, the coverage ratio should be at least 1.25.												
Reserves												
	Balance Ending on 6/30/14	Balance Ending on 6/30/15	Balance Ending on 6/30/16	Balance Ending on 6/30/17	Balance Ending on 6/30/18	Balance Ending on 6/30/19	Balance Ending on 6/30/20	Balance Ending on 6/30/21	Balance Ending on 6/30/22	Balance Ending on 6/30/23	Balance Ending on 6/30/24	Balance Ending on 6/30/25
Current Position (Working Capital)	\$216,172	\$75,616	\$64,174	\$74,455	\$76,917	\$82,354	\$82,142	\$84,912	\$90,963	\$90,788	\$93,904	\$100,640
CIP and Debt Reserve	\$0	\$105,826	\$143,612	\$193,408	-\$87,460	-\$105,434	-\$87,807	\$685,225	\$804,001	\$565,339	\$599,934	\$645,291
Meter Deposits (Assets and Liabilities Balance)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Cash Assets (Excluding Dedicated Reserves) Before Inflation	\$216,172	\$181,442	\$207,787	\$267,863	-\$10,543	-\$23,080	-\$5,665	\$770,136	\$894,963	\$656,128	\$693,838	\$745,930
Total Cash Assets (Excluding Dedicated Reserves) Discounted for Inflation (Future Unrestricted Purchasing Power)	\$216,172	\$181,442	\$207,787	\$262,506	-\$10,978	-\$24,523	-\$6,142	\$696,142	\$792,796	\$569,601	\$590,292	\$621,918
Replacement Fund	\$0	\$0	\$7,152	\$13,937	\$20,332	\$26,313	\$31,855	\$36,934	\$41,522	\$45,592	\$49,116	\$52,064
Sum of All Reserves	\$216,172	\$181,442	\$214,939	\$281,800	\$9,789	\$3,232	\$26,190	\$807,070	\$936,485	\$701,720	\$742,954	\$797,994

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Table 7 - Bill Comparisons Before and After Rate Adjustments

This table compares bills for various volumes at the current rates and billing frequency with what the same volumes would cost at the equivalent modeled rates for that same billing frequency. (An "apples to apples" comparison.) Minimum charge surcharges were calculated for these same classes of users and these bills include those surcharges. Bills for customers owning more than 7 shares of stock are not shown simply because there are few such customers and they are spread over several rate classes, which would make this table very cumbersome.

Note: The weighted-average bill increase for all customers combined will be: 13.1%

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Number of Customers With Volume That "Maxed Out" Within Each Range	Cumulative Through Each Volume Range	Current Bill for Volume at Bottom of This Range	Modeled Bill for Volume at Bottom of This Range	Bill Increase or Decrease (-) After Rate Adjustment	Percent Increase or Decrease (-) After Rate Adjustment
0.625	0	999	43	43	\$12.65	\$15.47	\$2.82	22%
	1,000	1,999	28	71	\$15.75	\$18.79	\$3.04	19%
	2,000	2,999	38	109	\$18.85	\$22.10	\$3.25	17%
	3,000	3,999	55	164	\$21.95	\$25.42	\$3.47	16%
	4,000	4,999	51	215	\$25.05	\$28.74	\$3.69	15%
	5,000	5,999	37	252	\$28.15	\$32.05	\$3.90	14%
	6,000	6,999	31	282	\$31.25	\$35.37	\$4.12	13%
	7,000	7,999	24	306	\$34.35	\$38.69	\$4.34	13%
	8,000	8,999	12	318	\$37.45	\$42.00	\$4.55	12%
	9,000	9,999	9	327	\$40.55	\$45.32	\$4.77	12%
	10,000	14,999	21	348	\$43.65	\$48.64	\$4.99	11%
	15,000	19,999	5	353	\$59.15	\$65.22	\$6.07	10%
	20,000	29,999	1	354	\$74.65	\$81.81	\$7.16	10%
	30,000	39,999	0	354	\$105.65	\$114.98	\$9.33	9%
	40,000	49,999	0	354	\$136.65	\$148.15	\$11.50	8%
	50,000	59,999	0	354	\$167.65	\$181.32	\$13.67	8%
	60,000	69,999	0	354	\$198.65	\$214.49	\$15.84	8%
	70,000	79,999	0	354	\$229.65	\$247.66	\$18.01	8%
	80,000	89,999	0	354	\$260.65	\$280.83	\$20.18	8%
	90,000	99,999	0	354	\$291.65	\$314.00	\$22.35	8%
100,000	109,999	0	354	\$322.65	\$347.17	\$24.52	8%	
110,000	119,999	0	354	\$353.65	\$380.34	\$26.69	8%	
120,000	129,999	0	354	\$384.65	\$413.51	\$28.86	8%	
130,000	139,999	0	354	\$415.65	\$446.68	\$31.03	7%	
140,000	149,999	0	354	\$446.65	\$479.85	\$33.20	7%	
150,000	159,999	0	354	\$477.65	\$513.02	\$35.37	7%	
160,000	99,999,999	0	354	\$508.65	\$546.19	\$37.54	7%	
0.750	0	999	106	106	\$12.65	\$15.47	\$2.82	22%
	1,000	1,999	46	152	\$15.75	\$18.79	\$3.04	19%
	2,000	2,999	71	223	\$18.85	\$22.10	\$3.25	17%
	3,000	3,999	91	313	\$21.95	\$25.42	\$3.47	16%
	4,000	4,999	91	404	\$25.05	\$28.74	\$3.69	15%
	5,000	5,999	76	480	\$28.15	\$32.05	\$3.90	14%
	6,000	6,999	55	535	\$31.25	\$35.37	\$4.12	13%
	7,000	7,999	53	588	\$34.35	\$38.69	\$4.34	13%
	8,000	8,999	32	620	\$37.45	\$42.00	\$4.55	12%
	9,000	9,999	31	651	\$40.55	\$45.32	\$4.77	12%
	10,000	14,999	81	733	\$43.65	\$48.64	\$4.99	11%
	15,000	19,999	31	763	\$59.15	\$65.22	\$6.07	10%
	20,000	29,999	20	784	\$74.65	\$81.81	\$7.16	10%
	30,000	39,999	6	790	\$105.65	\$114.98	\$9.33	9%
	40,000	49,999	1	791	\$136.65	\$148.15	\$11.50	8%
	50,000	59,999	2	793	\$167.65	\$181.32	\$13.67	8%
	60,000	69,999	0	793	\$198.65	\$214.49	\$15.84	8%
	70,000	79,999	0	793	\$229.65	\$247.66	\$18.01	8%
	80,000	89,999	0	793	\$260.65	\$280.83	\$20.18	8%
	90,000	99,999	0	793	\$291.65	\$314.00	\$22.35	8%
100,000	109,999	0	793	\$322.65	\$347.17	\$24.52	8%	
110,000	119,999	0	793	\$353.65	\$380.34	\$26.69	8%	
120,000	129,999	0	793	\$384.65	\$413.51	\$28.86	8%	
130,000	139,999	0	793	\$415.65	\$446.68	\$31.03	7%	
140,000	149,999	0	793	\$446.65	\$479.85	\$33.20	7%	
150,000	159,999	0	793	\$477.65	\$513.02	\$35.37	7%	
160,000	99,999,999	1	793	\$508.65	\$546.19	\$37.54	7%	

Dona Ana MDWC, NM Sewer Rates Scenario 2016-1

Table 7 - Bill Comparisons Before and After Rate Adjustments

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Number of Customers With "Maxed Out" Within Each Range	Cumulative Customers Through Each Volume Range	Current Bill for Volume at Bottom of This Range	Modeled Bill for Volume at Bottom of This Range	Bill Increase or Decrease (-) After Rate Adjustment	Percent Increase or Decrease (-) After Rate Adjustment
1.000	0	999	0	0	\$12.65	\$16.05	\$3.40	27%
	1,000	1,999	0	0	\$15.75	\$19.37	\$3.62	23%
	2,000	2,999	0	1	\$18.85	\$22.69	\$3.84	20%
	3,000	3,999	1	2	\$21.95	\$26.01	\$4.06	18%
	4,000	4,999	1	3	\$25.05	\$29.32	\$4.27	17%
	5,000	5,999	0	3	\$28.15	\$32.64	\$4.49	16%
	6,000	6,999	0	3	\$31.25	\$35.96	\$4.71	15%
	7,000	7,999	1	4	\$34.35	\$39.27	\$4.92	14%
	8,000	8,999	0	4	\$37.45	\$42.59	\$5.14	14%
	9,000	9,999	0	4	\$40.55	\$45.91	\$5.36	13%
	10,000	14,999	1	6	\$43.65	\$49.22	\$5.57	13%
	15,000	19,999	1	6	\$59.15	\$65.81	\$6.66	11%
	20,000	29,999	0	6	\$74.65	\$82.39	\$7.74	10%
	30,000	39,999	0	7	\$105.65	\$115.56	\$9.91	9%
	40,000	49,999	1	7	\$136.65	\$148.73	\$12.08	9%
	50,000	59,999	0	7	\$167.65	\$181.90	\$14.25	9%
	60,000	69,999	0	7	\$198.65	\$215.07	\$16.42	8%
	70,000	79,999	0	8	\$229.65	\$248.24	\$18.59	8%
	80,000	89,999	0	8	\$260.65	\$281.41	\$20.76	8%
	90,000	99,999	0	8	\$291.65	\$314.58	\$22.93	8%
100,000	109,999	0	8	\$322.65	\$347.75	\$25.10	8%	
110,000	119,999	0	8	\$353.65	\$380.92	\$27.27	8%	
120,000	129,999	0	8	\$384.65	\$414.09	\$29.44	8%	
130,000	139,999	0	8	\$415.65	\$447.26	\$31.61	8%	
140,000	149,999	0	8	\$446.65	\$480.43	\$33.78	8%	
150,000	159,999	0	8	\$477.65	\$513.60	\$35.95	8%	
160,000	99,999,999	0	8	\$508.65	\$546.77	\$38.12	7%	
2.000	0	999	1	1	\$12.65	\$21.33	\$8.68	69%
	1,000	1,999	0	1	\$15.75	\$24.64	\$8.89	56%
	2,000	2,999	0	1	\$18.85	\$27.96	\$9.11	48%
	3,000	3,999	0	1	\$21.95	\$31.28	\$9.33	42%
	4,000	4,999	0	2	\$25.05	\$34.60	\$9.55	38%
	5,000	5,999	0	2	\$28.15	\$37.91	\$9.76	35%
	6,000	6,999	0	2	\$31.25	\$41.23	\$9.98	32%
	7,000	7,999	0	2	\$34.35	\$44.55	\$10.20	30%
	8,000	8,999	0	2	\$37.45	\$47.86	\$10.41	28%
	9,000	9,999	0	2	\$40.55	\$51.18	\$10.63	26%
	10,000	14,999	0	3	\$43.65	\$54.50	\$10.85	25%
	15,000	19,999	0	3	\$59.15	\$71.08	\$11.93	20%
	20,000	29,999	1	4	\$74.65	\$87.67	\$13.02	17%
	30,000	39,999	1	5	\$105.65	\$120.84	\$15.19	14%
	40,000	49,999	1	6	\$136.65	\$154.01	\$17.36	13%
	50,000	59,999	0	6	\$167.65	\$187.18	\$19.53	12%
	60,000	69,999	0	6	\$198.65	\$220.35	\$21.70	11%
	70,000	79,999	0	6	\$229.65	\$253.52	\$23.87	10%
	80,000	89,999	0	6	\$260.65	\$286.69	\$26.04	10%
	90,000	99,999	0	6	\$291.65	\$319.86	\$28.21	10%
100,000	109,999	0	6	\$322.65	\$353.03	\$30.38	9%	
110,000	119,999	0	6	\$353.65	\$386.20	\$32.55	9%	
120,000	129,999	0	6	\$384.65	\$419.37	\$34.72	9%	
130,000	139,999	0	6	\$415.65	\$452.54	\$36.89	9%	
140,000	149,999	0	6	\$446.65	\$485.71	\$39.06	9%	
150,000	159,999	0	6	\$477.65	\$518.88	\$41.23	9%	
160,000	99,999,999	0	6	\$508.65	\$552.05	\$43.40	9%	

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Table 7 - Bill Comparisons Before and After Rate Adjustments

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Number of Customers With Volume That "Maxed Out" Within Each Range	Cumulative Customers Through Each Volume Range	Current Bill for Volume at Bottom of This Range	Modeled Bill for Volume at Bottom of This Range	Bill Increase or Decrease (-) After Rate Adjustment	Percent Increase or Decrease (-) After Rate Adjustment
No Meter Size	0	999	7	7	\$12.65	\$15.47	\$2.82	22%
	1,000	1,999	0	7	\$15.75	\$18.79	\$3.04	19%
	2,000	2,999	0	7	\$18.85	\$22.10	\$3.25	17%
	3,000	3,999	0	7	\$21.95	\$25.42	\$3.47	16%
	4,000	4,999	0	7	\$25.05	\$28.74	\$3.69	15%
	5,000	5,999	0	7	\$28.15	\$32.05	\$3.90	14%
	6,000	6,999	0	7	\$31.25	\$35.37	\$4.12	13%
	7,000	7,999	0	7	\$34.35	\$38.69	\$4.34	13%
	8,000	8,999	0	7	\$37.45	\$42.00	\$4.55	12%
	9,000	9,999	0	7	\$40.55	\$45.32	\$4.77	12%
	10,000	14,999	0	7	\$43.65	\$48.64	\$4.99	11%
	15,000	19,999	0	7	\$59.15	\$65.22	\$6.07	10%
	20,000	29,999	0	7	\$74.65	\$81.81	\$7.16	10%
	30,000	39,999	0	7	\$105.65	\$114.98	\$9.33	9%
	40,000	49,999	0	7	\$136.65	\$148.15	\$11.50	8%
	50,000	59,999	0	7	\$167.65	\$181.32	\$13.67	8%
	60,000	69,999	0	7	\$198.65	\$214.49	\$15.84	8%
	70,000	79,999	0	7	\$229.65	\$247.66	\$18.01	8%
	80,000	89,999	0	7	\$260.65	\$280.83	\$20.18	8%
	90,000	99,999	0	7	\$291.65	\$314.00	\$22.35	8%
100,000	109,999	0	7	\$322.65	\$347.17	\$24.52	8%	
110,000	119,999	0	7	\$353.65	\$380.34	\$26.69	8%	
120,000	129,999	0	7	\$384.65	\$413.51	\$28.86	8%	
130,000	139,999	0	7	\$415.65	\$446.68	\$31.03	7%	
140,000	149,999	0	7	\$446.65	\$479.85	\$33.20	7%	
150,000	159,999	0	7	\$477.65	\$513.02	\$35.37	7%	
160,000	99,999,999	0	7	\$508.65	\$546.19	\$37.54	7%	

Dona Ana MDWC, NM Sewer Rates Scenario 2016-1

Table 8 - User Statistics

This table shows measures of equitability of the rates as modeled in Table 11.

If your rates are absolutely proportional to use on a volumetric basis, your % of usage and % of revenues figures will be the same within all the classes. That is not possible if you have any minimum charge and having no minimum charge is almost unheard of.

Normally, the % of usage figure will be lower than the % of revenue for the lower volumes of use. That will switch for the higher volumes of use. Even for declining rate structures, this switch should occur near the volume of the average residential user, typically near 5,000 gallons/month (668 cu ft).

In urban and suburban areas the average monthly use for residential or general customers can be twice that used by their rural and "old town" counterparts. Use is largely dependent upon who lives in a community. Older people living in longer established neighborhoods tend to use less volume than younger people living in more recently developed areas. As you make comparisons between different customers and customer classes, keep that, and the following in mind:

4,829 in 1,000 Gallons Billable units - This is the average residential customer's usage per Monthly billing cycle.

Usage allowance is the volume "given away" with the minimum charge. The higher the allowance, the less volume the utility can sell to generate income.

88,948,933 in 1,000 Gallons Billable units - This is the volume metered through customer meters that was available to be sold by the utility during the test year.

0 in 1,000 Gallons Billable units - This is the volume metered through customer meters that was given away as a usage allowance during the test year.

\$0 At the unit charge rate in effect during the test year, this was what it cost the utility to give away this volume.

\$0 At the unit charge rates modeled, this is what the current usage allowance (if any is included in the modeled rates) would cost the utility for a full year.

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Average Volume Used Within Each Volume Range in 1,000 Gallons	Total Annual Use Within Each Volume Range in 1,000 Gallons	Number of Customers With Volume That "Maxed Out" Within Each Range	% Users	% Usage	Cumulative Use in This Class From Low Volume to High Volume	Cumulative Use in This Class From High Volume to Low Volume	% Revenue at Current Rates	% Revenue at Modeled Rates
0.625	0	999	0.910	3,867,474	43	3.7%	4.3%	18.8%	100.0%	4.1%	4.1%
	1,000	1,999	0.960	3,585,136	28	2.4%	4.0%	36.3%	81.2%	3.4%	3.3%
	2,000	2,999	0.933	3,173,707	38	3.3%	3.6%	51.8%	63.7%	3.5%	3.4%
	3,000	3,999	0.885	2,601,708	55	4.7%	2.9%	64.4%	48.2%	3.6%	3.7%
	4,000	4,999	0.873	1,993,108	51	4.3%	2.2%	74.2%	35.6%	3.1%	3.1%
	5,000	5,999	0.861	1,443,239	37	3.2%	1.6%	81.2%	25.8%	2.2%	2.3%
	6,000	6,999	0.857	1,056,723	31	2.6%	1.2%	86.3%	18.8%	1.7%	1.8%
	7,000	7,999	0.815	705,428	24	2.1%	0.8%	89.8%	13.7%	1.3%	1.3%
	8,000	8,999	0.876	502,992	12	1.0%	0.6%	92.2%	10.2%	0.7%	0.8%
	9,000	9,999	0.856	368,160	9	0.7%	0.4%	94.0%	7.8%	0.5%	0.6%
	10,000	14,999	2.558	833,867	21	1.8%	0.9%	98.1%	6.0%	1.3%	1.3%
	15,000	19,999	3.219	238,196	5	0.4%	0.3%	99.2%	1.9%	0.3%	0.3%
	20,000	29,999	5.355	96,384	1	0.1%	0.1%	99.7%	0.8%	0.1%	0.1%
	30,000	39,999	10.000	20,000	0	0.0%	0.0%	99.8%	0.3%	0.0%	0.0%
	40,000	49,999	10.000	20,000	0	0.0%	0.0%	99.9%	0.2%	0.0%	0.0%
	50,000	59,999	9.955	19,910	0	0.0%	0.0%	100.0%	0.1%	0.0%	0.0%
	60,000	69,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	70,000	79,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	80,000	89,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	90,000	99,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
Totals for Class			20,526,032	354	30.3%	23.1%			25.9%	26.1%	
0.750	0	999	0.878	8,359,395	106	9.1%	9.4%	12.8%	100.0%	9.3%	9.3%
	1,000	1,999	0.970	7,997,171	46	4.0%	9.0%	25.1%	87.2%	7.0%	6.9%
	2,000	2,999	0.950	7,306,356	71	6.0%	8.2%	36.3%	74.9%	7.4%	7.3%
	3,000	3,999	0.922	6,309,063	91	7.8%	7.1%	46.0%	63.7%	7.4%	7.4%
	4,000	4,999	0.904	5,204,620	91	7.8%	5.9%	54.0%	54.0%	6.6%	6.7%
	5,000	5,999	0.905	4,224,772	76	6.5%	4.7%	60.5%	46.0%	5.4%	5.5%
	6,000	6,999	0.913	3,430,579	55	4.7%	3.9%	65.7%	39.5%	4.2%	4.2%
	7,000	7,999	0.890	2,753,836	53	4.6%	3.1%	70.0%	34.3%	3.7%	3.7%
	8,000	8,999	0.907	2,228,957	32	2.7%	2.5%	73.4%	30.0%	2.6%	2.6%
	9,000	9,999	0.913	1,893,683	31	2.7%	2.1%	76.3%	26.6%	2.3%	2.4%
	10,000	14,999	3.309	5,622,266	81	6.9%	6.3%	84.9%	23.7%	6.6%	6.6%
	15,000	19,999	3.515	2,551,753	31	2.6%	2.9%	88.8%	15.1%	2.8%	2.8%
	20,000	29,999	5.708	2,032,072	20	1.7%	2.3%	92.0%	11.2%	2.1%	2.1%
	30,000	39,999	6.534	731,854	6	0.5%	0.8%	93.1%	8.0%	0.7%	0.7%
	40,000	49,999	8.460	313,024	1	0.1%	0.4%	93.6%	6.9%	0.2%	0.2%
	50,000	59,999	3.790	94,748	2	0.1%	0.1%	93.7%	6.4%	0.1%	0.1%
	60,000	69,999	10.000	60,000	0	0.0%	0.1%	93.8%	6.3%	0.0%	0.0%
	70,000	79,999	10.000	60,000	0	0.0%	0.1%	93.9%	6.2%	0.0%	0.0%
	80,000	89,999	10.000	60,000	0	0.0%	0.1%	94.0%	6.1%	0.0%	0.0%
	90,000	99,999	10.000	60,000	0	0.0%	0.1%	94.1%	6.0%	0.0%	0.0%
100,000	109,999	10.000	60,000	0	0.0%	0.1%	94.2%	5.9%	0.0%	0.0%	
110,000	119,999	10.000	60,000	0	0.0%	0.1%	94.3%	5.8%	0.0%	0.0%	
120,000	129,999	10.000	60,000	0	0.0%	0.1%	94.4%	5.7%	0.0%	0.0%	
130,000	139,999	10.000	60,000	0	0.0%	0.1%	94.4%	5.6%	0.0%	0.0%	
140,000	149,999	10.000	60,000	0	0.0%	0.1%	94.5%	5.6%	0.0%	0.0%	
150,000	159,999	10.000	60,000	0	0.0%	0.1%	94.6%	5.5%	0.0%	0.0%	
160,000	99,999,999	583.010	3,498,060	1	0.0%	3.9%	100.0%	5.4%	2.4%	2.3%	
Totals for Class			65,152,209	793	67.9%	73.2%			71.2%	70.9%	

Dona Ana MDWC, NM Sewer Rates Scenario 2016-1

Table 8 - User Statistics

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Average Volume Used Within Each Volume Range in 1,000 Gallons	Total Annual Use Within Each Volume Range in 1,000 Gallons	Number of Customers With Volume That "Maxed Out" Within Each Range	% Users	% Usage	Cumulative Use in This Class From Low Volume to High Volume	Cumulative Use in This Class From High Volume to Low Volume	% Revenue at Current Rates	% Revenue at Modeled Rates
1.000	0	999	0.978	89,960	0	0.0%	0.1%	6.5%	100.0%	0.1%	0.1%
	1,000	1,999	0.992	88,324	0	0.0%	0.1%	12.8%	93.5%	0.1%	0.1%
	2,000	2,999	0.981	85,331	0	0.0%	0.1%	19.0%	87.2%	0.1%	0.1%
	3,000	3,999	0.944	77,400	1	0.1%	0.1%	24.5%	81.0%	0.1%	0.1%
	4,000	4,999	0.939	65,746	1	0.1%	0.1%	29.2%	75.5%	0.1%	0.1%
	5,000	5,999	1.000	61,000	0	0.0%	0.1%	33.6%	70.8%	0.0%	0.0%
	6,000	6,999	0.974	59,391	0	0.0%	0.1%	37.9%	66.4%	0.0%	0.0%
	7,000	7,999	0.803	47,391	1	0.1%	0.1%	41.3%	62.1%	0.1%	0.1%
	8,000	8,999	0.969	41,686	0	0.0%	0.0%	44.3%	58.7%	0.0%	0.0%
	9,000	9,999	0.955	39,164	0	0.0%	0.0%	47.1%	55.7%	0.0%	0.0%
	10,000	14,999	3.658	142,677	1	0.1%	0.2%	57.4%	52.9%	0.1%	0.1%
	15,000	19,999	4.347	104,338	1	0.0%	0.1%	64.9%	42.6%	0.1%	0.1%
	20,000	29,999	9.525	171,452	0	0.0%	0.2%	77.2%	35.1%	0.1%	0.1%
	30,000	39,999	8.670	130,048	0	0.0%	0.1%	86.5%	22.8%	0.1%	0.1%
	40,000	49,999	6.785	74,638	1	0.0%	0.1%	91.9%	13.5%	0.1%	0.1%
	50,000	59,999	9.790	48,950	0	0.0%	0.1%	95.4%	8.1%	0.0%	0.0%
	60,000	69,999	9.638	38,550	0	0.0%	0.0%	98.2%	4.6%	0.0%	0.0%
	70,000	79,999	8.333	25,000	0	0.0%	0.0%	100.0%	1.8%	0.0%	0.0%
	80,000	89,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	90,000	99,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
100,000	109,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
110,000	119,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
120,000	129,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
130,000	139,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
140,000	149,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
150,000	159,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
160,000	99,999,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
Totals for Class				1,391,046	8	0.7%	1.6%			1.2%	1.2%
2.000	0	999	0.951	72,257	1	0.1%	0.1%	3.8%	100.0%	0.1%	0.1%
	1,000	1,999	0.984	59,996	0	0.0%	0.1%	7.0%	96.2%	0.0%	0.0%
	2,000	2,999	1.000	59,000	0	0.0%	0.1%	10.2%	93.0%	0.0%	0.0%
	3,000	3,999	1.000	59,000	0	0.0%	0.1%	13.3%	89.8%	0.0%	0.0%
	4,000	4,999	0.993	58,570	0	0.0%	0.1%	16.4%	86.7%	0.0%	0.0%
	5,000	5,999	0.969	55,229	0	0.0%	0.1%	19.4%	83.6%	0.0%	0.0%
	6,000	6,999	0.994	53,695	0	0.0%	0.1%	22.2%	80.6%	0.0%	0.0%
	7,000	7,999	0.960	50,898	0	0.0%	0.1%	24.9%	77.8%	0.0%	0.0%
	8,000	8,999	0.974	48,714	0	0.0%	0.1%	27.5%	75.1%	0.0%	0.0%
	9,000	9,999	1.000	48,000	0	0.0%	0.1%	30.1%	72.5%	0.0%	0.0%
	10,000	14,999	4.652	223,290	0	0.0%	0.3%	42.0%	69.9%	0.2%	0.2%
	15,000	19,999	4.879	209,783	0	0.0%	0.2%	53.1%	58.0%	0.1%	0.1%
	20,000	29,999	8.421	345,268	1	0.1%	0.4%	71.5%	46.9%	0.3%	0.3%
	30,000	39,999	6.859	178,345	1	0.1%	0.2%	81.0%	28.5%	0.2%	0.2%
	40,000	49,999	7.278	101,889	1	0.0%	0.1%	86.4%	19.0%	0.1%	0.1%
	50,000	59,999	7.961	63,688	0	0.0%	0.1%	89.8%	13.6%	0.0%	0.0%
	60,000	69,999	7.894	47,364	0	0.0%	0.1%	92.3%	10.2%	0.0%	0.0%
	70,000	79,999	10.000	40,000	0	0.0%	0.0%	94.4%	7.7%	0.0%	0.0%
	80,000	89,999	9.192	36,768	0	0.0%	0.0%	96.4%	5.6%	0.0%	0.0%
	90,000	99,999	10.000	30,000	0	0.0%	0.0%	98.0%	3.6%	0.0%	0.0%
100,000	109,999	6.690	20,071	0	0.0%	0.0%	99.1%	2.0%	0.0%	0.0%	
110,000	119,999	8.911	17,821	0	0.0%	0.0%	100.0%	0.9%	0.0%	0.0%	
120,000	129,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
130,000	139,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
140,000	149,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
150,000	159,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
160,000	99,999,999	0.000	0	0	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
Totals for Class				1,879,646	6	0.5%	2.1%			1.5%	1.5%

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Table 8 - User Statistics

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Average Volume Used Within Each Volume Range in 1,000 Gallons	Total Annual Use Within Each Volume Range in 1,000 Gallons	Number of Customers With Volume That "Maxed Out" Within Each Range	% Users	% Usage	Cumulative Use in This Class From Low Volume to High Volume	Cumulative Use in This Class From High Volume to Low Volume	% Revenue at Current Rates	% Revenue at Modeled Rates
No Meter Size	0	999	0.000	0	7	0.6%	0.0%	0.0%	100.0%	0.2%	0.2%
	1,000	1,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	2,000	2,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	3,000	3,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	4,000	4,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	5,000	5,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	6,000	6,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	7,000	7,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	8,000	8,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	9,000	9,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	10,000	14,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	15,000	19,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	20,000	29,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	30,000	39,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	40,000	49,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	50,000	59,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	60,000	69,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	70,000	79,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	80,000	89,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	90,000	99,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
100,000	109,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	
110,000	119,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	
120,000	129,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	
130,000	139,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	
140,000	149,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	
150,000	159,999	0.000	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	
160,000	99,999,999	0.000	0	0	0	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
Totals for Class				0	7	0.6%	0.0%			0.2%	0.2%
Grand Totals				88,948,933		100.00%	100.00%			100.00%	100.00%

Dona Ana MDWC, NM Sewer Rates Scenario 2016-1

Chart 1 - Operating Ratio

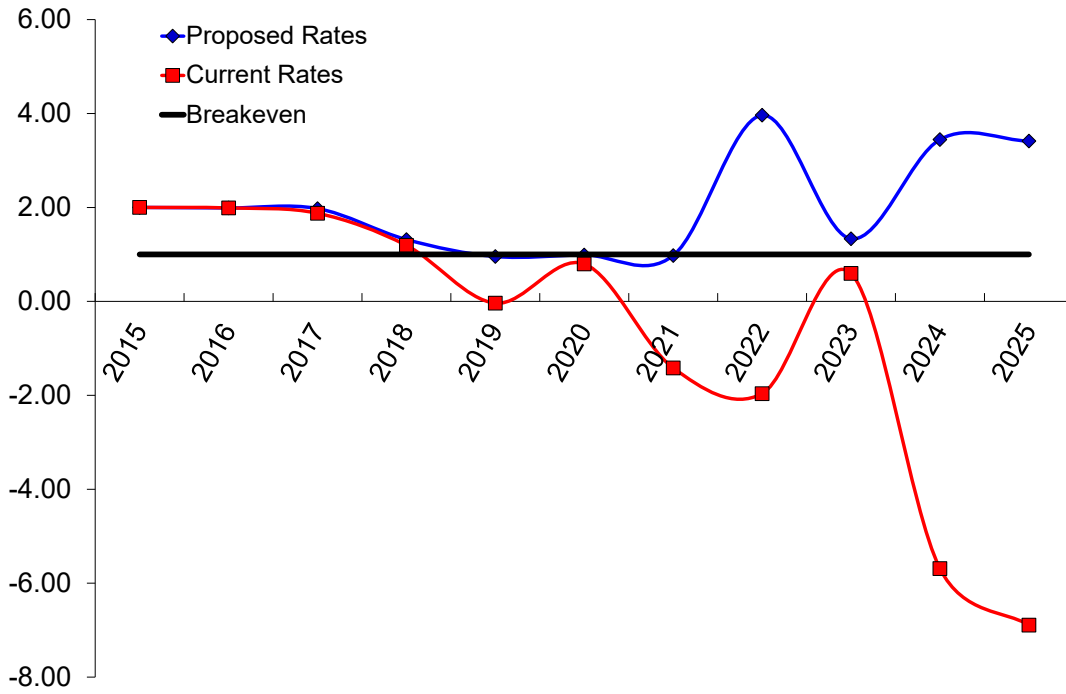
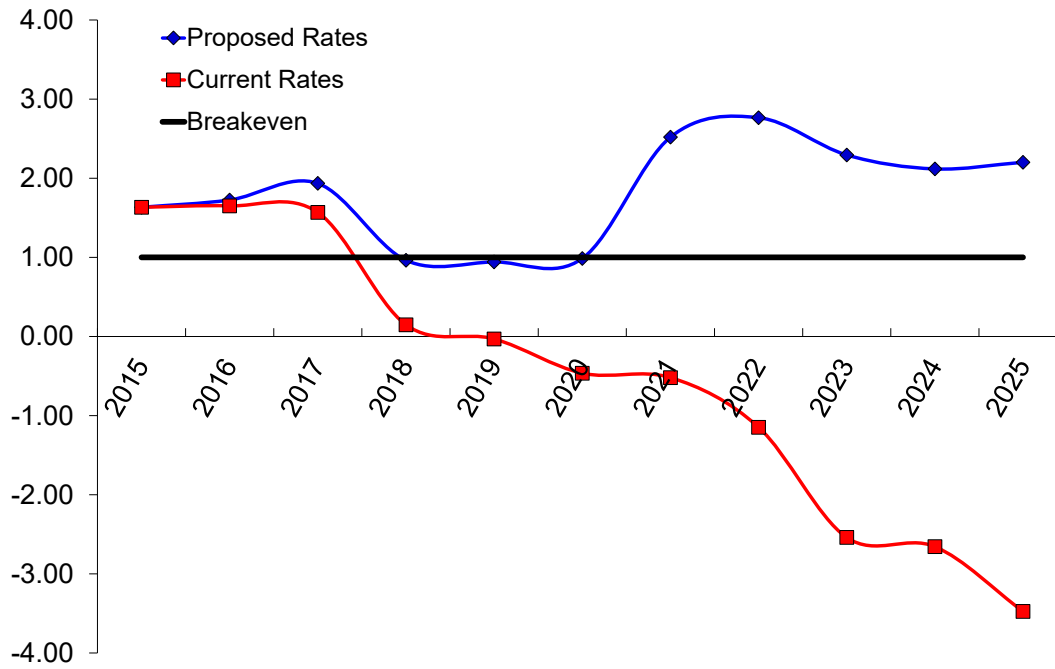


Chart 2 - Coverage Ratio



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Chart 3 - 5,000 Gal Residential User's Bill

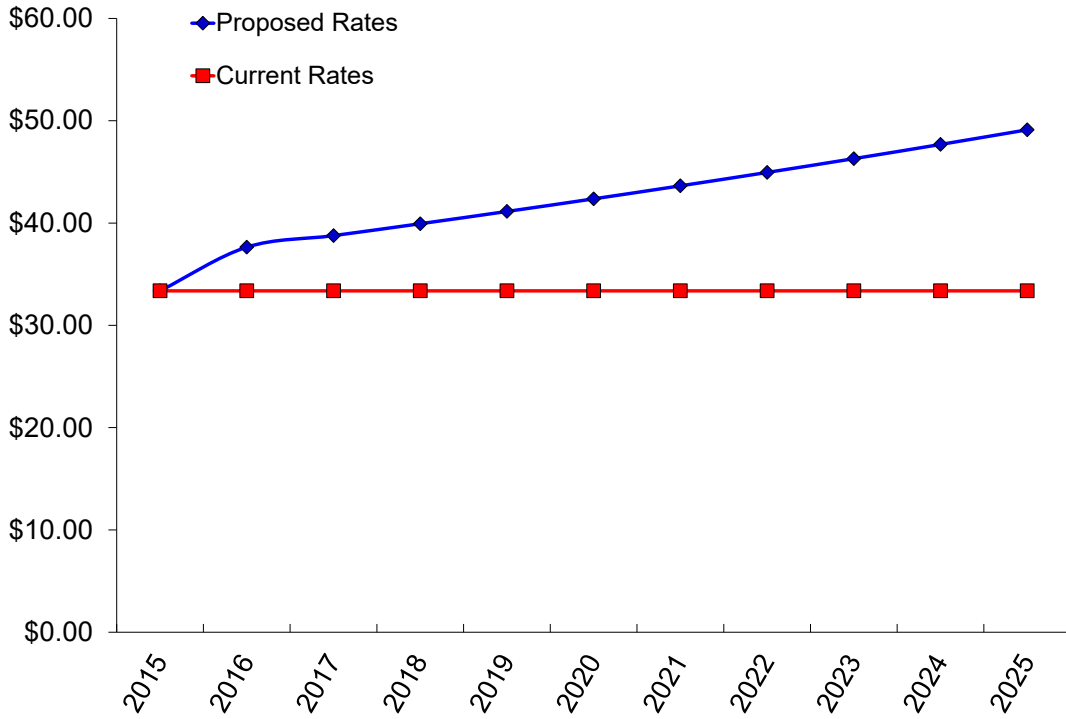
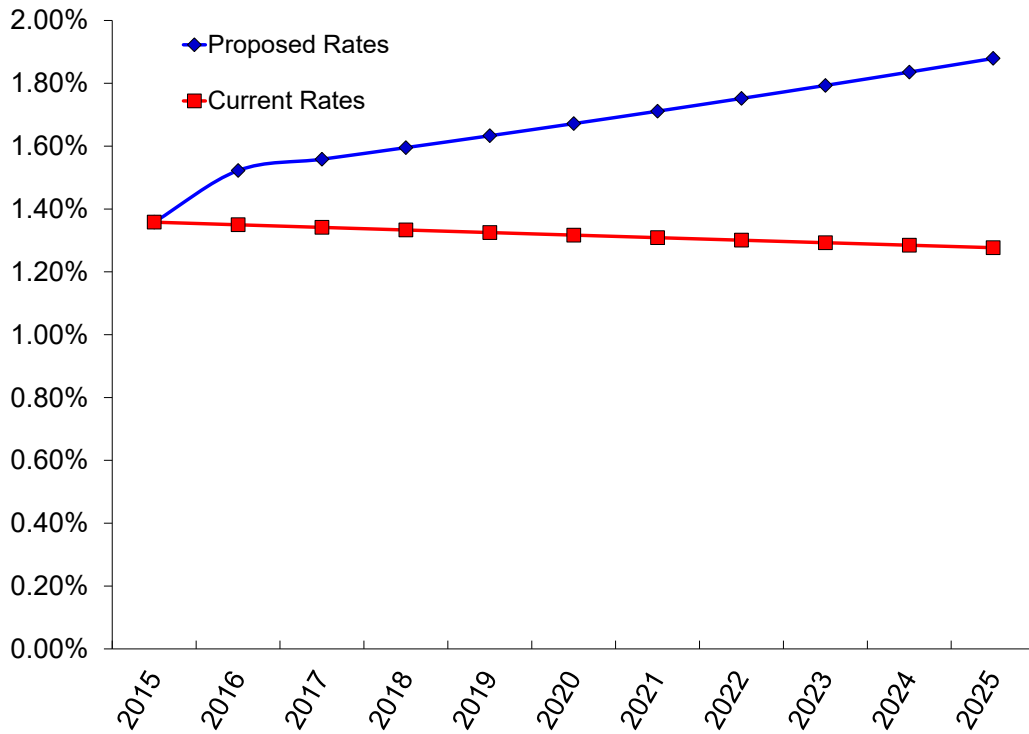


Chart 4 - Affordability Index



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Chart 5 - Working Capital vs Goal

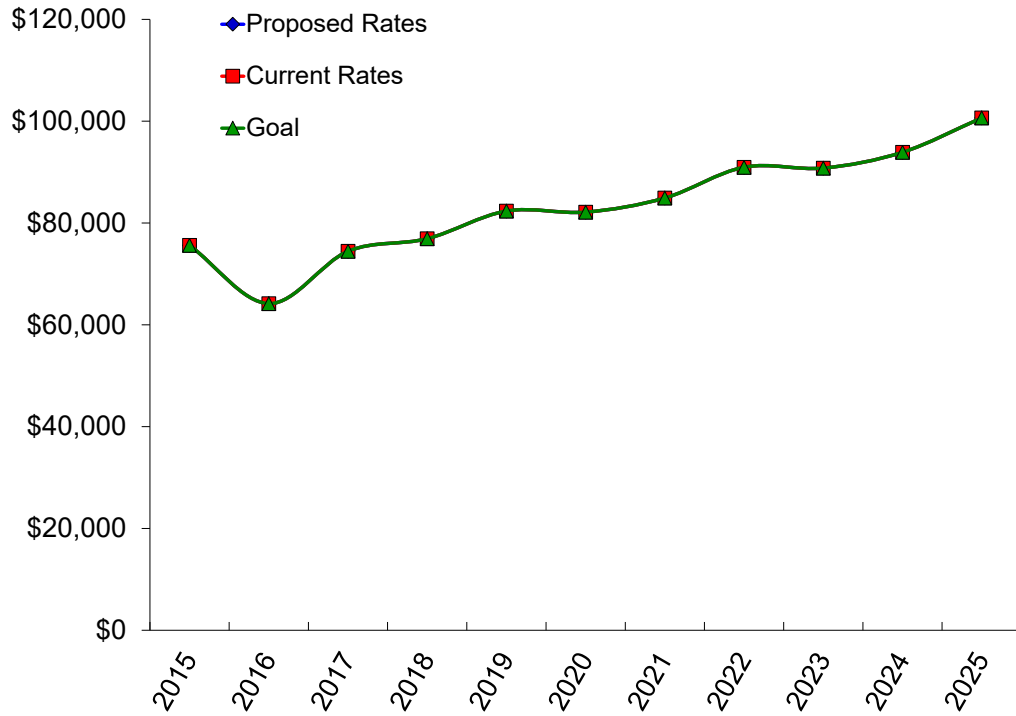
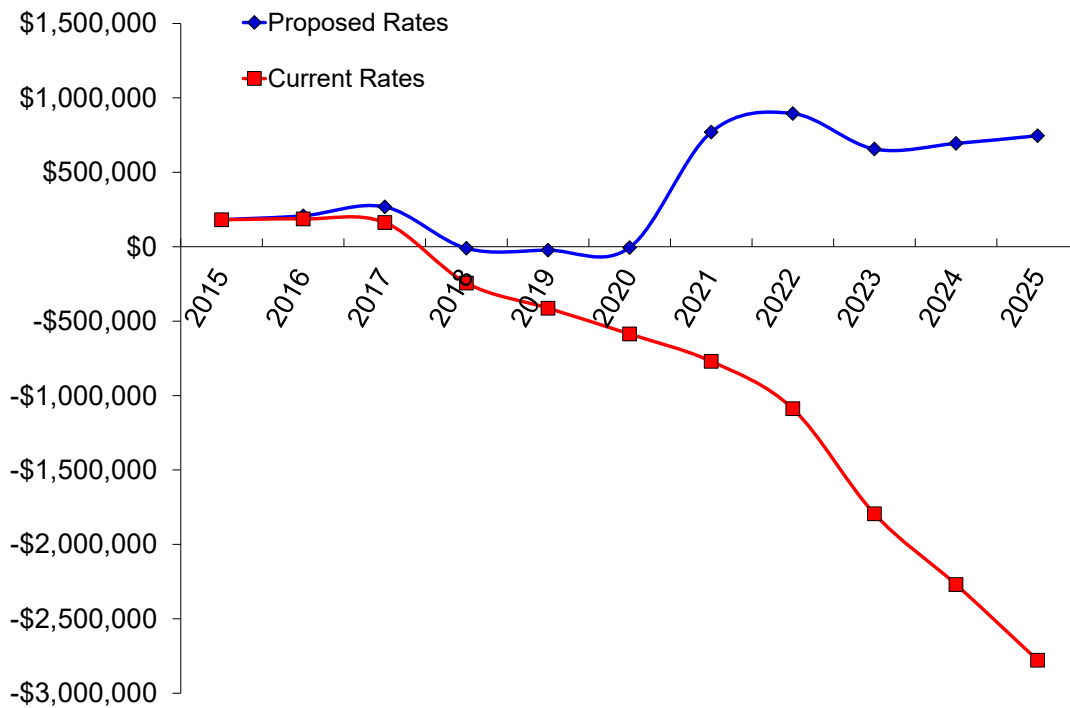
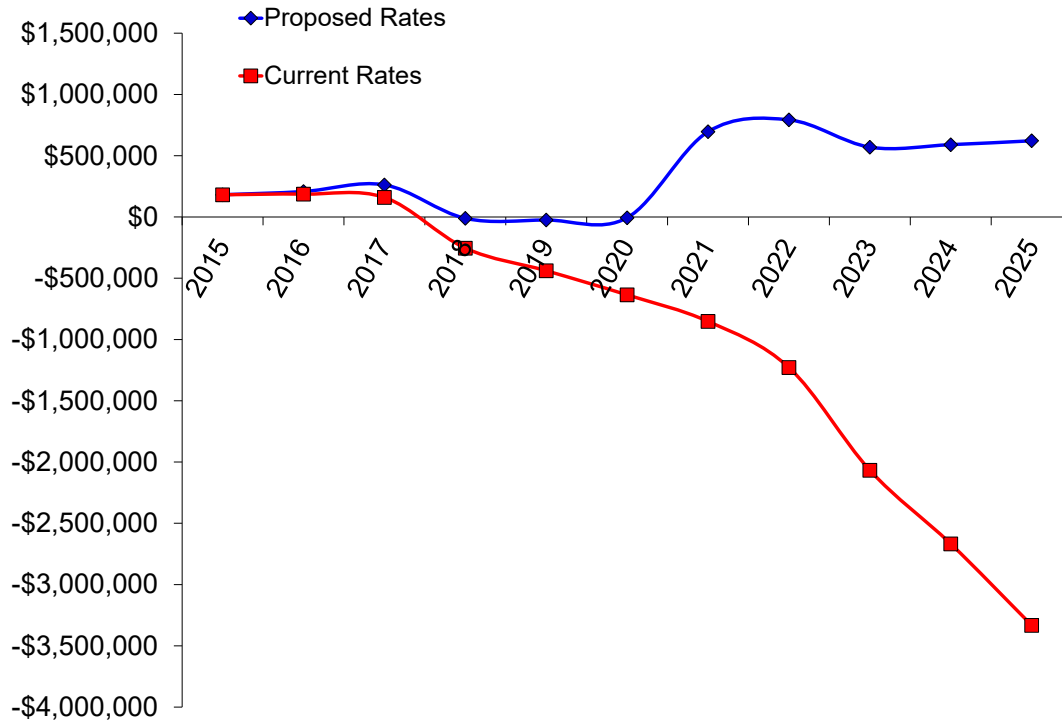


Chart 6 - Value of Cash Assets Before Inflation



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Chart 7 - Value of Cash Assets After Inflation



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Table 9 - Meter-size Based Tap Fees

This table calculates tap fees to charge each meter size and total tap fee revenues that would be generated during one full year following initial adjustment. This table only covers meter size-based installation fees. Share purchase is not included in this calculation.

In-District Customers

Meter Size	Meter Size in Square Inches	Mix of New Taps in a Typical Year	AWWA Capacity Multiplier for Each Meter Size	Total AWWA Capacity "Shares" Attributable to Each Meter Size Group	AWWA-based Capacity Cost Each Meter Size	Economy of Scale Discount Rate	Out of District Surcharge Factor	Total New Tap Fees Each Meter Size	Full-year Tap Fee Income From Each Size Class
Five Eighths	0.31	3.1	1.0	3.1	\$1,408	100%	100%	\$1,408	\$4,351
Three Quarters	0.44	6.8	1.5	10.2	\$1,408	100%	100%	\$1,408	\$9,558
One Inch	0.79	0.1	2.5	0.2	\$3,519	88%	100%	\$3,097	\$203
One & a Half Inch	1.77	0.0	5.0	0.0	\$7,039	77%	100%	\$5,451	\$0
Two Inch	3.14	0.1	16.0	0.9	\$22,524	68%	100%	\$15,349	\$832
Three Inch	7.07	0.0	43.5	0.0	\$61,237	60%	100%	\$36,723	\$0
Four Inch	12.57	0.0	75.0	0.0	\$105,580	53%	100%	\$55,718	\$0
Six Inch	28.27	0.0	160.0	0.0	\$225,238	46%	100%	\$104,601	\$0
Eight Inch	50.27	0.0	280.0	0.0	\$394,166	41%	100%	\$161,086	\$0
Ten Inch	78.54	0.0	420.0	0.0	\$591,249	36%	100%	\$212,634	\$0
Twelve Inch	113.10	0.0	530.0	0.0	\$746,100	32%	100%	\$236,125	\$0
Total:		10.0		14.3		Projected Tap Fees for One Full Year Following Initial Adjustment			\$14,944
Economy of Scale Factor:		12.0%	Capacity Cost to Recover per AWWA Capacity Multiplier Unit:		\$1,408	Prorated Tap Fees to Collect This Year			\$3,716
(This amount is the full-year tap fee prorated to account for time of year when rates will be adjusted initially. This amount is included in Table 2 where it is called, "Meter-size Based Tap Fees.")									

Notes:

Because growth rates and meter sizes to be installed in future years cannot be predicted with certainty, tap fee revenues are also uncertain. However, the projections above are based upon historical growth and meter sizes so they should be reasonable estimates. Generally, tap fees should only be used to pay for capital improvements so there is usually time to make adjustments in fee levels.

Economy of Scale Discount Rate - Generally the cost of infrastructure to serve a customer does not go up as quickly as their capacity (meter size) goes up. That is called economy of scale. This value is an estimate of the economy of scale the system enjoys as meter size goes up. Generally this factor should be no more than about 7%.

In the interest of simplicity, 3/4 inch meters, which are usually residential meters, may have been calculated at the 5/8 inch meter capacity for tap fee calculation purposes.

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Table 10 - Capacity Charges Based on Meter Size

This table depicts minimum charges that are commensurate with the potential of each customer, based on their connection or meter size, to place flow demands on the system.

In-District Customers

Meter Size	Number Meters This Size	AWWA Capacity Multiplier for Each Meter Size	Total AWWA Capacity "Shares" Attributable to Each Meter Size Group	AWWA-based Annual Capacity Cost Each Meter Size	Capacity Charge per Meter per Billing Period	Economy of Scale Discount Rate	Adjusted Capacity Costs per Meter per Billing Period	Uniform Adjustment to Minimum Charge	Out of District Surcharge Factor	New Minimum Charge Base Rate From Table 11	Total Surcharged Minimum Charge per Billing Period ¹	Total Annual Capacity Surcharges for Each Meter Size ²	
Five Eighths	361	1.0	361	\$5	\$0.39	100%	\$0.39	\$0.00	100%	\$15.08	\$15.47	\$1,692	
Three Quarters	793	1.5	1,190	\$7	\$0.59	100%	\$0.39	\$0.00	100%	\$15.08	\$15.47	\$3,717	
One Inch	8	2.5	19	\$12	\$0.98	100%	\$0.98	\$0.00	100%	\$15.08	\$16.05	\$90	
One & a Half Inch	0	5.0	0	\$23	\$1.95	100%	\$1.95	\$0.00	100%	\$15.08	\$17.03	\$0	
Two Inch	6	16.0	101	\$75	\$6.25	100%	\$6.25	\$0.00	100%	\$15.08	\$21.33	\$475	
Three Inch	0	43.5	0	\$204	\$16.99	100%	\$16.99	\$0.00	100%	\$15.08	\$32.07	\$0	
Four Inch	0	75.0	0	\$352	\$29.29	100%	\$29.29	\$0.00	100%	\$15.08	\$44.37	\$0	
Six Inch	0	160.0	0	\$750	\$62.49	100%	\$62.49	\$0.00	100%	\$15.08	\$77.57	\$0	
Eight Inch	0	280.0	0	\$1,312	\$109.37	100%	\$109.37	\$0.00	100%	\$15.08	\$124.44	\$0	
Ten Inch	0	420.0	0	\$1,969	\$164.05	100%	\$164.05	\$0.00	100%	\$15.08	\$179.13	\$0	
Twelve Inch	0	530.0	0	\$2,484	\$207.01	100%	\$207.01	\$0.00	100%	\$15.08	\$222.09	\$0	
Total:	1,168		1,671									\$5,974	
Economy of Scale Factor:			0.0%									Prorated Capacity Surcharges	\$1,485

The prorated minimum and capacity surcharges amount immediately above is the amount to be collected after rates are adjusted. If rates in Table 12 are meter sized-based, this amount is filtered into the calculated rate revenues of Table 12 for each rate class. Otherwise, it is included as a separate amount at the bottom of that table.

¹ Total Surcharged Minimum Charge per Billing Period - If minimum charge fees are to be based upon meter size, use the charges in this column if different from those in Table 1.

² Total Annual Capacity Surcharges for Each Meter Size - The sum at the bottom of this column is the dollar amount that meter size based surcharges will generate in one full year.

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Table 11 - Initial Rate Adjustments and Resulting Revenues

This table depicts how rates would be set and the revenues they would generate.

Out of Area Multiplier 150% Conservation Rate Block Multiplier 100% Other Multiplier 100%

4/1/16 Date when fees will first be collected at adjusted rates. Actual adjustment should occur one billing period earlier.

Compare the rates here with the adjusted rates in the table below. If there are no special costs to consider, rates are "proportional to use" when there is no usage allowance, the minimum charge is \$21.57 and the unit charge is \$3.32 per 1,000 Gallons.

After rate adjustments are made, general customers will be billed monthly.

Sales to be billed this year: Sales at the current (Test Year) rates (gray highlighted column) will apply until rates are adjusted. Sales at the modeled rates (yellow highlighted column) would apply if the modeled rates are adopted. The grand total "blended" sales revenues are the total revenues generated by the two different sets of rates. Those show in the right-most column.

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Sales This Year at Current Rates	Number of Customers With Volume That "Maxed Out" Within Each Range	New Minimum Charge Rates ¹	New Usage Allowance in 1,000 Gallons	New Unit Charge per 1,000 Gallons	Sales This Year at Modeled Rates	Grand Total "Blended" Sales This Year
0.625	0	999	\$13,932	43	\$15.47	0.000	\$3.32	\$5,182	\$19,114
	1,000	1,999	\$11,506	28	\$15.47	0.000	\$3.32	\$4,234	\$15,740
	2,000	2,999	\$11,774	38	\$15.47	0.000	\$3.32	\$4,390	\$16,164
	3,000	3,999	\$12,295	55	\$15.47	0.000	\$3.32	\$4,669	\$16,964
	4,000	4,999	\$10,421	51	\$15.47	0.000	\$3.32	\$3,982	\$14,403
	5,000	5,999	\$7,572	37	\$15.47	0.000	\$3.32	\$2,894	\$10,466
	6,000	6,999	\$5,950	31	\$15.47	0.000	\$3.32	\$2,283	\$8,233
	7,000	7,999	\$4,419	24	\$15.47	0.000	\$3.32	\$1,705	\$6,123
	8,000	8,999	\$2,540	12	\$15.47	0.000	\$3.32	\$969	\$3,509
	9,000	9,999	\$1,846	9	\$15.47	0.000	\$3.32	\$704	\$2,550
	10,000	14,999	\$4,337	21	\$15.47	0.000	\$3.32	\$1,657	\$5,994
	15,000	19,999	\$1,087	5	\$15.47	0.000	\$3.32	\$412	\$1,499
	20,000	29,999	\$377	1	\$15.47	0.000	\$3.32	\$141	\$518
	30,000	39,999	\$47	0	\$15.47	0.000	\$3.32	\$16	\$63
	40,000	49,999	\$47	0	\$15.47	0.000	\$3.32	\$16	\$63
	50,000	59,999	\$65	0	\$15.47	0.000	\$3.32	\$24	\$89
	60,000	69,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0
	70,000	79,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0
80,000	89,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0	
90,000	99,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0	
100,000	109,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0	
110,000	119,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0	
120,000	129,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0	
130,000	139,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0	
140,000	149,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0	
150,000	159,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0	
160,000	99,999,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0	
0.750	0	999	\$31,561	106	\$15.47	0.000	\$3.32	\$11,786	\$43,347
	1,000	1,999	\$23,893	46	\$15.47	0.000	\$3.32	\$8,726	\$32,619
	2,000	2,999	\$25,069	71	\$15.47	0.000	\$3.32	\$9,283	\$34,352
	3,000	3,999	\$25,036	91	\$15.47	0.000	\$3.32	\$9,388	\$34,424
	4,000	4,999	\$22,473	91	\$15.47	0.000	\$3.32	\$8,481	\$30,954
	5,000	5,999	\$18,480	76	\$15.47	0.000	\$3.32	\$6,980	\$25,461
	6,000	6,999	\$14,283	55	\$15.47	0.000	\$3.32	\$5,375	\$19,658
	7,000	7,999	\$12,478	53	\$15.47	0.000	\$3.32	\$4,725	\$17,203
	8,000	8,999	\$8,832	32	\$15.47	0.000	\$3.32	\$3,311	\$12,143
	9,000	9,999	\$7,975	31	\$15.47	0.000	\$3.32	\$3,004	\$10,979
	10,000	14,999	\$22,344	81	\$15.47	0.000	\$3.32	\$8,379	\$30,723
	15,000	19,999	\$9,460	31	\$15.47	0.000	\$3.32	\$3,528	\$12,988
	20,000	29,999	\$7,052	20	\$15.47	0.000	\$3.32	\$2,614	\$9,667
	30,000	39,999	\$2,418	6	\$15.47	0.000	\$3.32	\$892	\$3,310
	40,000	49,999	\$843	1	\$15.47	0.000	\$3.32	\$304	\$1,147
	50,000	59,999	\$401	2	\$15.47	0.000	\$3.32	\$151	\$552
	60,000	69,999	\$140	0	\$15.47	0.000	\$3.32	\$49	\$189
	70,000	79,999	\$140	0	\$15.47	0.000	\$3.32	\$49	\$189
80,000	89,999	\$140	0	\$15.47	0.000	\$3.32	\$49	\$189	
90,000	99,999	\$140	0	\$15.47	0.000	\$3.32	\$49	\$189	
100,000	109,999	\$140	0	\$15.47	0.000	\$3.32	\$49	\$189	
110,000	119,999	\$140	0	\$15.47	0.000	\$3.32	\$49	\$189	
120,000	129,999	\$140	0	\$15.47	0.000	\$3.32	\$49	\$189	
130,000	139,999	\$140	0	\$15.47	0.000	\$3.32	\$49	\$189	
140,000	149,999	\$140	0	\$15.47	0.000	\$3.32	\$49	\$189	
150,000	159,999	\$140	0	\$15.47	0.000	\$3.32	\$49	\$189	
160,000	99,999,999	\$8,205	1	\$15.47	0.000	\$3.32	\$2,908	\$11,113	

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Table 11 - Initial Rate Adjustments and Resulting Revenues

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Sales This Year at Current Rates	Number of Customers With Volume That "Maxed Out" Within Each Range	New Minimum Charge Base Rates ¹	New Usage Allowance in 1,000 Gallons	New Unit Charge per 1,000 Gallons	Sales This Year at Modeled Rates	Grand Total "Blended" Sales This Year
1.000	0	999	\$238	0	\$16.05	0.000	\$3.32	\$86	\$324
	1,000	1,999	\$225	0	\$16.05	0.000	\$3.32	\$81	\$306
	2,000	2,999	\$246	0	\$16.05	0.000	\$3.32	\$90	\$337
	3,000	3,999	\$294	1	\$16.05	0.000	\$3.32	\$112	\$406
	4,000	4,999	\$239	1	\$16.05	0.000	\$3.32	\$90	\$329
	5,000	5,999	\$142	0	\$16.05	0.000	\$3.32	\$50	\$192
	6,000	6,999	\$157	0	\$16.05	0.000	\$3.32	\$57	\$214
	7,000	7,999	\$262	1	\$16.05	0.000	\$3.32	\$103	\$365
	8,000	8,999	\$116	0	\$16.05	0.000	\$3.32	\$42	\$158
	9,000	9,999	\$110	0	\$16.05	0.000	\$3.32	\$40	\$151
	10,000	14,999	\$475	1	\$16.05	0.000	\$3.32	\$178	\$652
	15,000	19,999	\$300	1	\$16.05	0.000	\$3.32	\$110	\$410
	20,000	29,999	\$428	0	\$16.05	0.000	\$3.32	\$153	\$581
	30,000	39,999	\$341	0	\$16.05	0.000	\$3.32	\$123	\$464
	40,000	49,999	\$231	1	\$16.05	0.000	\$3.32	\$86	\$316
	50,000	59,999	\$124	0	\$16.05	0.000	\$3.32	\$44	\$168
	60,000	69,999	\$99	0	\$16.05	0.000	\$3.32	\$36	\$135
	70,000	79,999	\$87	0	\$16.05	0.000	\$3.32	\$33	\$119
	80,000	89,999	\$0	0	\$16.05	0.000	\$3.32	\$0	\$0
	90,000	99,999	\$0	0	\$16.05	0.000	\$3.32	\$0	\$0
100,000	109,999	\$0	0	\$16.05	0.000	\$3.32	\$0	\$0	
110,000	119,999	\$0	0	\$16.05	0.000	\$3.32	\$0	\$0	
120,000	129,999	\$0	0	\$16.05	0.000	\$3.32	\$0	\$0	
130,000	139,999	\$0	0	\$16.05	0.000	\$3.32	\$0	\$0	
140,000	149,999	\$0	0	\$16.05	0.000	\$3.32	\$0	\$0	
150,000	159,999	\$0	0	\$16.05	0.000	\$3.32	\$0	\$0	
160,000	99,999,999	\$0	0	\$16.05	0.000	\$3.32	\$0	\$0	
2.000	0	999	\$311	1	\$21.33	0.000	\$3.32	\$139	\$450
	1,000	1,999	\$159	0	\$21.33	0.000	\$3.32	\$60	\$219
	2,000	2,999	\$137	0	\$21.33	0.000	\$3.32	\$49	\$186
	3,000	3,999	\$137	0	\$21.33	0.000	\$3.32	\$49	\$186
	4,000	4,999	\$155	0	\$21.33	0.000	\$3.32	\$59	\$214
	5,000	5,999	\$157	0	\$21.33	0.000	\$3.32	\$61	\$219
	6,000	6,999	\$135	0	\$21.33	0.000	\$3.32	\$50	\$184
	7,000	7,999	\$147	0	\$21.33	0.000	\$3.32	\$58	\$205
	8,000	8,999	\$132	0	\$21.33	0.000	\$3.32	\$51	\$183
	9,000	9,999	\$112	0	\$21.33	0.000	\$3.32	\$40	\$151
	10,000	14,999	\$568	0	\$21.33	0.000	\$3.32	\$211	\$778
	15,000	19,999	\$508	0	\$21.33	0.000	\$3.32	\$184	\$691
	20,000	29,999	\$947	1	\$21.33	0.000	\$3.32	\$364	\$1,311
	30,000	39,999	\$529	1	\$21.33	0.000	\$3.32	\$211	\$740
	40,000	49,999	\$294	1	\$21.33	0.000	\$3.32	\$116	\$410
	50,000	59,999	\$167	0	\$21.33	0.000	\$3.32	\$63	\$230
	60,000	69,999	\$129	0	\$21.33	0.000	\$3.32	\$50	\$179
	70,000	79,999	\$93	0	\$21.33	0.000	\$3.32	\$33	\$126
	80,000	89,999	\$95	0	\$21.33	0.000	\$3.32	\$36	\$131
	90,000	99,999	\$70	0	\$21.33	0.000	\$3.32	\$25	\$95
100,000	109,999	\$56	0	\$21.33	0.000	\$3.32	\$22	\$78	
110,000	119,999	\$61	0	\$21.33	0.000	\$3.32	\$25	\$86	
120,000	129,999	\$0	0	\$21.33	0.000	\$3.32	\$0	\$0	
130,000	139,999	\$0	0	\$21.33	0.000	\$3.32	\$0	\$0	
140,000	149,999	\$0	0	\$21.33	0.000	\$3.32	\$0	\$0	
150,000	159,999	\$0	0	\$21.33	0.000	\$3.32	\$0	\$0	
160,000	99,999,999	\$0	0	\$21.33	0.000	\$3.32	\$0	\$0	

Dona Ana MDWC, NM Sewer Rates Scenario 2016-1

Table 11 - Initial Rate Adjustments and Resulting Revenues

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Sales This Year at Current Rates	Number of Customers With Volume That "Maxed Out" Within Each Range	New Minimum Charge Base Rates ¹	New Usage Allowance in 1,000 Gallons	New Unit Charge per 1,000 Gallons	Sales This Year at Modeled Rates	Grand Total "Blended" Sales This Year
No Meter Size	0	999	\$770	7	\$15.47	0.000	\$3.32	\$312	\$1,081
	1,000	1,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0
	2,000	2,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0
	3,000	3,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0
	4,000	4,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0
	5,000	5,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0
	6,000	6,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0
	7,000	7,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0
	8,000	8,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0
	9,000	9,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0
	10,000	14,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0
	15,000	19,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0
	20,000	29,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0
	30,000	39,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0
	40,000	49,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0
	50,000	59,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0
	60,000	69,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0
	70,000	79,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0
	80,000	89,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0
	90,000	99,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0
100,000	109,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0	
110,000	119,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0	
120,000	129,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0	
130,000	139,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0	
140,000	149,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0	
150,000	159,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0	
160,000	99,999,999	\$0	0	\$15.47	0.000	\$3.32	\$0	\$0	
Total Rate Rev at Current Rates			\$340,402	Total Rate Rev at Modeled Rates			\$127,388	Total Blended Rate Revenues for the Year ² \$467,790	

Note 1, New Minimum Charge Base Rates: If meter or connection size-based minimum charges are to be used, and the user classes modeled above include meter or connection sizes, the amounts shown in this column include meter or connection size surcharges as calculated in Table 10. Otherwise, use the rates in the "Total Minimum Charge per Billing Period" column of Table 10 when setting minimum charges for each customer when their minimums will be based upon meter or connection size.

Note 2, Blended Rate Revenues: During the year when rates will be adjusted, rate revenues generated will be "blended" revenues - part collected at the current rates and part collected at the adjusted rates. The table above calculates both kinds of revenue and totals them in the right-most column. Therefore, the anticipated timing of rate adjustment shown at the top of this table will cause rates to be charged as follows:

9.0 months at the old user charge rates and 3.0 months at the new user charge rates.

Dona Ana MDWC, NM Sewer Rates Scenario 2016-1

Table 12 - Test Year Usage

Dona Ana MDWCA, Las Cruces, NM

Sewer Rates Scenario 2016-2

CBGreatRates© Version 7.1

Table 12 - Test Year Usage

Test year, the one-year period being analyzed starts: 7/1/2014

This table shows usage by all customers during the test year.

Date this scenario created: 12/28/2015

Test year, the one-year period being analyzed starts: 1/1/2014

Meter Readings per year: 12

Bills sent per year: 12

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Conversion Factor for Billable Units	Average Volume Used Within Each Volume Range in 1,000 Gallons	Count of Bills With ANY Volume Within Each Range	Total Annual Use Within Each Volume Range in 1,000 Gallons	Count of Bills Only Where Volume "Maxed Out" Within Each Range	Volume of Only Those Bills Where Volume "Maxed Out" Within Each Range	Number of Customers With Volume That "Maxed Out" Within Each Range	% of Customers That Averaged This Volume of Use	% of Total Use at This Average Volume
0.625	0	999	1,000	0.910	4,251	3,867,474	518	134,474	43	3.7%	4.3%
	1,000	1,999	1,000	0.960	3,733	3,585,136	332	516,136	28	2.4%	4.0%
	2,000	2,999	1,000	0.933	3,401	3,173,707	461	1,155,707	38	3.3%	3.6%
	3,000	3,999	1,000	0.885	2,940	2,601,708	656	2,285,708	55	4.7%	2.9%
	4,000	4,999	1,000	0.873	2,284	1,993,108	608	2,749,108	51	4.3%	2.2%
	5,000	5,999	1,000	0.861	1,676	1,443,239	443	2,425,239	37	3.2%	1.6%
	6,000	6,999	1,000	0.857	1,233	1,056,723	367	2,392,723	31	2.6%	1.2%
	7,000	7,999	1,000	0.815	866	705,428	292	2,175,428	24	2.1%	0.8%
	8,000	8,999	1,000	0.876	574	502,992	144	1,224,992	12	1.0%	0.6%
	9,000	9,999	1,000	0.856	430	368,160	104	978,160	9	0.7%	0.4%
	10,000	14,999	1,000	2.558	326	833,867	252	2,983,867	21	1.8%	0.9%
	15,000	19,999	1,000	3.219	74	238,196	56	988,196	5	0.4%	0.3%
	20,000	29,999	1,000	5.355	18	96,384	16	396,384	1	0.1%	0.1%
	30,000	39,999	1,000	10.000	2	20,000	0	0	0	0.0%	0.0%
	40,000	49,999	1,000	10.000	2	20,000	0	0	0	0.0%	0.0%
	50,000	59,999	1,000	9.955	2	19,910	2	119,910	0	0.0%	0.0%
	60,000	69,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	70,000	79,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	80,000	89,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	90,000	99,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
100,000	109,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
110,000	119,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
120,000	129,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
130,000	139,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
140,000	149,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
150,000	159,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
160,000	99,999,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
Monthly and Annual Subtotals:					21,812	20,526,032	4,251	20,526,032	354	30.3%	23.1%
0.750	0	999	1,000	0.878	9,516	8,359,395	1,272	115,395	106	9.1%	9.4%
	1,000	1,999	1,000	0.970	8,244	7,997,171	554	861,171	46	4.0%	9.0%
	2,000	2,999	1,000	0.950	7,690	7,306,356	847	2,157,356	71	6.0%	8.2%
	3,000	3,999	1,000	0.922	6,843	6,309,063	1,088	3,818,063	91	7.8%	7.1%
	4,000	4,999	1,000	0.904	5,755	5,204,620	1,089	4,894,620	91	7.8%	5.9%
	5,000	5,999	1,000	0.905	4,666	4,224,772	909	5,012,772	76	6.5%	4.7%
	6,000	6,999	1,000	0.913	3,757	3,430,579	662	4,307,579	55	4.7%	3.9%
	7,000	7,999	1,000	0.890	3,095	2,753,836	638	4,762,836	53	4.6%	3.1%
	8,000	8,999	1,000	0.907	2,457	2,228,957	383	3,218,957	32	2.7%	2.5%
	9,000	9,999	1,000	0.913	2,074	1,893,683	375	3,569,683	31	2.7%	2.1%
	10,000	14,999	1,000	3.309	1,699	5,622,266	973	11,722,266	81	6.9%	6.3%
	15,000	19,999	1,000	3.515	726	2,551,753	370	6,321,753	31	2.6%	2.9%
	20,000	29,999	1,000	5.708	356	2,032,072	244	5,792,072	20	1.7%	2.3%
	30,000	39,999	1,000	6.534	112	731,854	75	2,611,854	6	0.5%	0.8%
	40,000	49,999	1,000	8.460	37	313,024	12	543,024	1	0.1%	0.4%
	50,000	59,999	1,000	3.790	25	94,748	19	984,748	2	0.1%	0.1%
	60,000	69,999	1,000	10.000	6	60,000	0	0	0	0.0%	0.1%
	70,000	79,999	1,000	10.000	6	60,000	0	0	0	0.0%	0.1%
	80,000	89,999	1,000	10.000	6	60,000	0	0	0	0.0%	0.1%
	90,000	99,999	1,000	10.000	6	60,000	0	0	0	0.0%	0.1%
100,000	109,999	1,000	10.000	6	60,000	0	0	0	0.0%	0.1%	
110,000	119,999	1,000	10.000	6	60,000	0	0	0	0.0%	0.1%	
120,000	129,999	1,000	10.000	6	60,000	0	0	0	0.0%	0.1%	
130,000	139,999	1,000	10.000	6	60,000	0	0	0	0.0%	0.1%	
140,000	149,999	1,000	10.000	6	60,000	0	0	0	0.0%	0.1%	
150,000	159,999	1,000	10.000	6	60,000	0	0	0	0.0%	0.1%	
160,000	99,999,999	1,000	583.010	6	3,498,060	6	4,458,060	1	0.0%	3.9%	
Monthly and Annual Subtotals:					57,118	65,152,209	9,516	65,152,209	793	67.9%	73.2%

Dona Ana MDWC, NM Sewer Rates Scenario 2016-1

Table 12 - Test Year Usage

Dona Ana MDWCA, Las Cruces, NM

Sewer Rates Scenario 2016-2

CBGreatRates© Version 7.1

Table 12 - Test Year Usage

Test year, the one-year period being analyzed starts: 7/1/2014

This table shows usage by all customers during the test year.

Date this scenario created: 12/28/2015

Test year, the one-year period being analyzed starts: 1/1/2014

Meter Readings per year: 12

Bills sent per year: 12

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Conversion Factor for Billable Units	Average Volume Used Within Each Volume Range in 1,000 Gallons	Count of Bills With ANY Volume Within Each Range	Total Annual Use Within Each Volume Range in 1,000 Gallons	Count of Bills Only Where Volume "Maxed Out" Within Each Range	Volume of Only Those Bills Where Volume "Maxed Out" Within Each Range	Number of Customers With Volume That "Maxed Out" Within Each Range	% of Customers That Averaged This Volume of Use	% of Total Use at This Average Volume
1.000	0	999	1,000	0.978	92	89,960	3	960	0	0.0%	0.1%
	1,000	1,999	1,000	0.992	89	88,324	2	3,324	0	0.0%	0.1%
	2,000	2,999	1,000	0.981	87	85,331	5	13,331	0	0.0%	0.1%
	3,000	3,999	1,000	0.944	82	77,400	12	43,400	1	0.1%	0.1%
	4,000	4,999	1,000	0.939	70	65,746	9	40,746	1	0.1%	0.1%
	5,000	5,999	1,000	1.000	61	61,000	0	0	0	0.0%	0.1%
	6,000	6,999	1,000	0.974	61	59,391	2	12,391	0	0.0%	0.1%
	7,000	7,999	1,000	0.803	59	47,391	16	116,391	1	0.1%	0.1%
	8,000	8,999	1,000	0.969	43	41,686	2	16,686	0	0.0%	0.0%
	9,000	9,999	1,000	0.955	41	39,164	2	18,164	0	0.0%	0.0%
	10,000	14,999	1,000	3.658	39	142,677	15	172,677	1	0.1%	0.2%
	15,000	19,999	1,000	4.347	24	104,338	6	104,338	1	0.0%	0.1%
	20,000	29,999	1,000	9.525	18	171,452	3	81,452	0	0.0%	0.2%
	30,000	39,999	1,000	8.670	15	130,048	4	140,048	0	0.0%	0.1%
	40,000	49,999	1,000	6.785	11	74,638	6	264,638	1	0.0%	0.1%
	50,000	59,999	1,000	9.790	5	48,950	1	58,950	0	0.0%	0.1%
	60,000	69,999	1,000	9.638	4	38,550	1	68,550	0	0.0%	0.0%
	70,000	79,999	1,000	8.333	3	25,000	3	235,000	0	0.0%	0.0%
	80,000	89,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	90,000	99,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
100,000	109,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
110,000	119,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
120,000	129,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
130,000	139,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
140,000	149,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
150,000	159,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
160,000	99,999,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
Monthly and Annual Subtotals:					804	1,391,046	92	1,391,046	8	0.7%	1.6%
2.000	0	999	1,000	0.951	76	72,257	15	11,257	1	0.1%	0.1%
	1,000	1,999	1,000	0.984	61	59,996	2	2,996	0	0.0%	0.1%
	2,000	2,999	1,000	1.000	59	59,000	0	0	0	0.0%	0.1%
	3,000	3,999	1,000	1.000	59	59,000	0	0	0	0.0%	0.1%
	4,000	4,999	1,000	0.993	59	58,570	2	9,570	0	0.0%	0.1%
	5,000	5,999	1,000	0.969	57	55,229	3	16,229	0	0.0%	0.1%
	6,000	6,999	1,000	0.994	54	53,695	1	6,695	0	0.0%	0.1%
	7,000	7,999	1,000	0.960	53	50,898	3	21,898	0	0.0%	0.1%
	8,000	8,999	1,000	0.974	50	48,714	2	16,714	0	0.0%	0.1%
	9,000	9,999	1,000	1.000	48	48,000	0	0	0	0.0%	0.1%
	10,000	14,999	1,000	4.652	48	223,290	5	58,290	0	0.0%	0.3%
	15,000	19,999	1,000	4.879	43	209,783	2	34,783	0	0.0%	0.2%
	20,000	29,999	1,000	8.421	41	345,268	15	385,268	1	0.1%	0.4%
	30,000	39,999	1,000	6.859	26	178,345	12	398,345	1	0.1%	0.2%
	40,000	49,999	1,000	7.278	14	101,889	6	261,889	1	0.0%	0.1%
	50,000	59,999	1,000	7.961	8	63,688	2	103,688	0	0.0%	0.1%
	60,000	69,999	1,000	7.894	6	47,364	2	127,364	0	0.0%	0.1%
	70,000	79,999	1,000	10.000	4	40,000	0	0	0	0.0%	0.0%
	80,000	89,999	1,000	9.192	4	36,768	1	86,768	0	0.0%	0.0%
	90,000	99,999	1,000	10.000	3	30,000	0	0	0	0.0%	0.0%
100,000	109,999	1,000	6.690	3	20,071	1	100,071	0	0.0%	0.0%	
110,000	119,999	1,000	8.911	2	17,821	2	237,821	0	0.0%	0.0%	
120,000	129,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
130,000	139,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
140,000	149,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
150,000	159,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
160,000	99,999,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
Monthly and Annual Subtotals:					778	1,879,646	76	1,879,646	6	0.5%	2.1%

Dona Ana MDWC, NM Sewer Rates Scenario 2016-1

Table 12 - Test Year Usage

Dona Ana MDWCA, Las Cruces, NM

Sewer Rates Scenario 2016-2

CBGreatRates© Version 7.1

Table 12 - Test Year Usage

Test year, the one-year period being analyzed starts: 7/1/2014

This table shows usage by all customers during the test year.

Date this scenario created: 12/28/2015

Test year, the one-year period being analyzed starts: 1/1/2014

Meter Readings per year: 12

Bills sent per year: 12

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Conversion Factor for Billable Units	Average Volume Used Within Each Volume Range in 1,000 Gallons	Count of Bills With ANY Volume Within Each Range	Total Annual Use Within Each Volume Range in 1,000 Gallons	Count of Bills Only Where Volume "Maxed Out" Within Each Range	Volume of Only Those Bills Where Volume "Maxed Out" Within Each Range	Number of Customers With Volume That "Maxed Out" Within Each Range	% of Customers That Averaged This Volume of Use	% of Total Use at This Average Volume
No Meter Size	0	999	1,000	0.000	81	0	81	0	7	0.6%	0.0%
	1,000	1,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	2,000	2,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	3,000	3,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	4,000	4,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	5,000	5,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	6,000	6,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	7,000	7,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	8,000	8,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	9,000	9,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	10,000	14,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	15,000	19,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	20,000	29,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	30,000	39,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	40,000	49,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	50,000	59,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	60,000	69,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	70,000	79,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	80,000	89,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
	90,000	99,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%
100,000	109,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
110,000	119,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
120,000	129,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
130,000	139,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
140,000	149,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
150,000	159,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
160,000	99,999,999	1,000	0.000	0	0	0	0	0	0.0%	0.0%	
Monthly and Annual Subtotals:					81	0	81	0	7	0.6%	0.0%
Monthly and Annual Grand Totals:					80,593	88,948,933	14,016		1,168	100%	100%

Dona Ana MDWC, NM Sewer Rates Scenario 2016-1

Table 13 - Rates at End of Test Year

This table shows user rates at the end of the test year. Rates for volume ranges that are not shown are the same as the next lowest volume range rates. Rates for customers with no recorded meter size were assumed to be charged the same as those for the smallest meter size customer.

Customer Class, Rate Class or Meter Size	Bottom of Volume Range in 1,000 Gallons	Top of Volume Range in 1,000 Gallons	Minimum Charge	Usage Allowance in 1,000 Gallons	Unit Charge per 1,000 Gallons
0.625	0	999	\$12.65	0.000	\$3.10
	1,000	1,999	\$12.65	0.000	\$3.10
	2,000	2,999	\$12.65	0.000	\$3.10
	3,000	3,999	\$12.65	0.000	\$3.10
	4,000	4,999	\$12.65	0.000	\$3.10
	5,000	5,999	\$12.65	0.000	\$3.10
	160,000	99,999,999	\$12.65	0.000	\$3.10
0.750	0	999	\$12.65	0.000	\$3.10
	1,000	1,999	\$12.65	0.000	\$3.10
	2,000	2,999	\$12.65	0.000	\$3.10
	3,000	3,999	\$12.65	0.000	\$3.10
	4,000	4,999	\$12.65	0.000	\$3.10
	5,000	5,999	\$12.65	0.000	\$3.10
	160,000	99,999,999	\$12.65	0.000	\$3.10
1.000	0	999	\$12.65	0.000	\$3.10
	1,000	1,999	\$12.65	0.000	\$3.10
	2,000	2,999	\$12.65	0.000	\$3.10
	3,000	3,999	\$12.65	0.000	\$3.10
	4,000	4,999	\$12.65	0.000	\$3.10
	5,000	5,999	\$12.65	0.000	\$3.10
	160,000	99,999,999	\$12.65	0.000	\$3.10
2.000	0	999	\$12.65	0.000	\$3.10
	1,000	1,999	\$12.65	0.000	\$3.10
	2,000	2,999	\$12.65	0.000	\$3.10
	3,000	3,999	\$12.65	0.000	\$3.10
	4,000	4,999	\$12.65	0.000	\$3.10
	5,000	5,999	\$12.65	0.000	\$3.10
	160,000	99,999,999	\$12.65	0.000	\$3.10
No Meter Size	0	999	\$12.65	0.000	\$3.10
	1,000	1,999	\$12.65	0.000	\$3.10
	2,000	2,999	\$12.65	0.000	\$3.10
	3,000	3,999	\$12.65	0.000	\$3.10
	4,000	4,999	\$12.65	0.000	\$3.10
	5,000	5,999	\$12.65	0.000	\$3.10
	160,000	99,999,999	\$12.65	0.000	\$3.10

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Table 14 - Cost Classification for Rate Structure Calculation

This table distributes costs from a representative year (the "target" year) to fixed and variable categories (see Definitions) in order to calculate the "proportional to use" or "cost of service" rate structure based upon the cost breakdown for that year.

The rate structure target year runs from 7/1/2021 through 6/30/2022

Operating Costs	Amount	Fixed Cost %	Variable Cost %	Capacity Cost %	Fixed Cost Amount	Variable Cost Amount	Capacity Cost Amount
Association Dues & Memberships	\$487	50.0%	50.0%	0.0%	\$243	\$243	\$0
Chemicals	\$60,833	0.0%	100.0%	0.0%	\$0	\$60,833	\$0
Dental Insurance	\$117	50.0%	50.0%	0.0%	\$58	\$58	\$0
Electric	\$24,673	0.0%	100.0%	0.0%	\$0	\$24,673	\$0
Engineering Services	\$1,364	50.0%	50.0%	0.0%	\$682	\$682	\$0
Equipment Rentals	\$0	50.0%	50.0%	0.0%	\$0	\$0	\$0
Licenses, Permits, Fees	\$1,538	100.0%	0.0%	0.0%	\$1,538	\$0	\$0
Miscellaneous Expense	\$0	50.0%	50.0%	0.0%	\$0	\$0	\$0
Other Professional Services	\$0	33.0%	67.0%	0.0%	\$0	\$0	\$0
Postage & Shipping	\$580	100.0%	0.0%	0.0%	\$580	\$0	\$0
Pubic Employees Retirement Association	\$2,086	33.0%	67.0%	0.0%	\$689	\$1,398	\$0
Safety Equipment	\$908	50.0%	50.0%	0.0%	\$454	\$454	\$0
Salaries	\$24,333	33.0%	67.0%	0.0%	\$8,030	\$16,303	\$0
Sample Testing	\$7,517	50.0%	50.0%	0.0%	\$3,758	\$3,758	\$0
Sludge Removal	\$46,703	0.0%	100.0%	0.0%	\$0	\$46,703	\$0
Small Tools	\$17	50.0%	50.0%	0.0%	\$9	\$9	\$0
STD/LTD/Life	\$322	33.0%	67.0%	0.0%	\$106	\$216	\$0
Supplies & Expenses	\$5,012	50.0%	50.0%	0.0%	\$2,506	\$2,506	\$0
System Repairs & Maintenance	\$5,813	50.0%	50.0%	0.0%	\$2,906	\$2,906	\$0
Trainings & Seminars	\$4,519	33.0%	67.0%	0.0%	\$1,491	\$3,027	\$0
Travel	\$3,163	33.0%	67.0%	0.0%	\$1,044	\$2,119	\$0
Vehicle Repairs & Maintenance	\$215	50.0%	50.0%	0.0%	\$107	\$107	\$0
Vision insurance	\$43	33.0%	67.0%	0.0%	\$14	\$29	\$0
Reimbursement of Fees to County	\$0	100.0%	0.0%	0.0%	\$0	\$0	\$0
Temporary Non-payment to Replacement Fund	\$0	50.0%	50.0%	0.0%	\$0	\$0	\$0
Annual Payment to Replacement Fund (Table 17)	\$36,260	50.0%	50.0%	0.0%	\$18,130	\$18,130	\$0
User Charge Analysis Services	\$9,058	50.0%	50.0%	0.0%	\$4,529	\$4,529	\$0
CIP Spending Net of Grant/Loan Proceeds and Other External Incomes (Table 4)	\$506,972	50.0%	25.0%	25.0%	\$253,486	\$126,743	\$126,743
Offset for Capacity Surcharges (Table 10)	-\$5,974	50.0%	25.0%	25.0%	-\$2,987	-\$1,493	-\$1,493
Grand Total Costs, Weighted Avg Percentages	\$760,891	42.3%	41.3%	16.5%	\$321,707	\$313,934	\$125,249

"Proportional to Use" Rate Structure Cost Basis		100%	\$760,891
Average Fixed Cost/User/Month =	\$22.95		Inflow and Infiltration is Estimated at 0%
Average Variable Cost to Produce/1,000 Gallons =	\$3.53		Cost of Inflow and Infiltration is Estimated at 52%
			Resulting Cost of Inflow and Infiltration \$0
Gallons/Billing Cycle Used by Average Residential Customer =	4,829		Test Year Customer Metered Usage (in Gallons) 88,948,933
			+ Test Year Inflow and Infiltration 0
			Total Test Year Volume 88,948,933

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Table 15 - Marginal Costs

This table depicts marginal fixed and variable costs that would be incurred to serve "snow birds" or similar customers that discontinue service, or would like to discontinue service for part of the year. In other words, these are unavoidable costs that snow birds and similar customers cause even when they are gone. The marginal fixed cost shown at the bottom of this table is used in Table 10 to calculate the "Snow Bird" fee for various meter sizes.

The rate structure target year runs from 7/1/2015 through 6/30/2016

Operating Costs	Amount	Marginal Fixed Cost %	Marginal Variable Cost %	Marginal Capacity Cost %	Marginal Fixed Cost Amount	Marginal Variable Cost Amount	Marginal Capacity Cost Amount
Association Dues & Memberships	\$0	50%	50%	0%	\$0	\$0	\$0
Chemicals	\$5,629	0%	0%	0%	\$0	\$0	\$0
Dental Insurance	\$3	50%	50%	0%	\$1	\$1	\$0
Electric	\$19,500	5%	5%	0%	\$0	\$975	\$0
Engineering Services	\$1,078	100%	100%	0%	\$539	\$539	\$0
Equipment Rentals	\$0	100%	100%	0%	\$0	\$0	\$0
Licenses, Permits, Fees	\$39	100%	100%	0%	\$39	\$0	\$0
Miscellaneous Expense	\$0	50%	50%	0%	\$0	\$0	\$0
Other Professional Services	\$19,344	100%	100%	0%	\$6,384	\$12,961	\$0
Postage & Shipping	\$580	100%	100%	0%	\$580	\$0	\$0
Pubic Employees Retirement Association	\$52	50%	50%	0%	\$9	\$18	\$0
Safety Equipment	\$717	50%	50%	0%	\$179	\$179	\$0
Salaries	\$610	50%	50%	0%	\$101	\$205	\$0
Sample Testing	\$5,941	100%	100%	0%	\$2,970	\$2,970	\$0
Sludge Removal	\$36,910	100%	100%	0%	\$0	\$36,910	\$0
Small Tools	\$14	100%	100%	0%	\$7	\$7	\$0
STD/LTD/Life	\$8	50%	50%	0%	\$1	\$3	\$0
Supplies & Expenses	\$3,961	100%	100%	0%	\$1,981	\$1,981	\$0
System Repairs & Maintenance	\$4,594	100%	100%	0%	\$2,297	\$2,297	\$0
Trainings & Seminars	\$113	50%	50%	0%	\$19	\$38	\$0
Travel	\$0	50%	50%	0%	\$0	\$0	\$0
Vehicle Repairs & Maintenance	\$170	100%	100%	0%	\$85	\$85	\$0
Vision insurance	\$1	50%	50%	0%	\$0	\$0	\$0
Reimbursement of Fees to County	\$76,639	100%	100%	0%	\$76,639	\$0	\$0
Temporary Non-payment to Replacement Fund	-\$36,260	100%	100%	0%	-\$18,130	-\$18,130	\$0
Annual Payment to Replacement Fund (Table 17)	\$36,260	100%	100%	0%	\$18,130	\$18,130	\$0
User Charge Analysis Services	\$7,452	100%	100%	0%	\$3,726	\$3,726	\$0
CIP Spending Net of Grant/Loan Proceeds and Other External Incomes (Table 4)	\$286,603	100%	100%	100%	\$143,301	\$71,651	\$71,651
Offset for Capacity Surcharges (Table 10)	-\$5,974	100%	100%	100%	-\$2,987	-\$1,493	-\$1,493
Grand Total All Costs	\$463,985				\$235,870	\$133,051	\$70,157
Marginal Costs per Customer, Volume Unit and Capacity Share							
The system would suffer a net revenue loss if it set minimum and unit charges lower than the marginal costs at the right. It would make a "profit" on a marginal cost basis if it charged more. Capacity costs, however, are a bit different. They can be recovered over time, as modeled here, or all at once in the case of connection (tap-on) fees or by using a combination of both methods. Using the cost basis in Table 10, marginal capacity costs may be even higher than modeled here.					Number of Customers	Volume in 1,000s of Gallons	
					1,168	88,949	
					Marginal Fixed Cost as a Percent of Average Fixed Cost (Table 14):	100%	\$1.50
					Marginal Variable Cost as a Percent of Average Variable Cost (Table 14):		84%
					Marginal Capacity Cost as a Percent of Average Capacity Cost (Table 10):		100%
					Marginal Fixed Cost per Customer	Marginal Variable Cost per 1,000 Gallons	Marginal Capacity Cost per AWWA Capacity Share per Monthly
					\$16.83		

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Table 16 - Equipment Replacement Details Table

This schedule depicts detailed equipment replacement and refurbishment needed during the next 20 years. Total annual expenses from this table are used in Table 17 to calculate the annuity (savings deposit) needed to pay for these expenses as they come due.

Year Beginning	Assumed Amount at 15% of Operating Costs, Excluding Debt Service											Total Annual Replacement Costs
1/1/14	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1/1/15	\$28,536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,536
1/1/16	\$28,536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,536
1/1/17	\$28,536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,536
1/1/18	\$28,536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,536
1/1/19	\$28,536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,536
1/1/20	\$28,536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,536
1/1/21	\$28,536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,536
1/1/22	\$28,536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,536
1/1/23	\$28,536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,536
1/1/24	\$28,536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,536
1/1/25	\$28,536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,536
1/1/26	\$28,536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,536
1/1/27	\$28,536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,536
1/1/28	\$28,536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,536
1/1/29	\$28,536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,536
1/1/30	\$28,536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,536
1/1/31	\$28,536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,536
1/1/32	\$28,536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,536
1/1/33	\$28,536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,536
1/1/34	\$28,536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,536
1/1/35	\$28,536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,536

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Table 17 - Replacement Schedule

This schedule calculates the annual annuity needed to fund all replacement and refurbishment from Table 16, the detailed schedule.

- 2.00% Average Inflation Rate for the Following Sewer System Equipment for the Term of This Replacement Schedule
- 3.00% Average Interest Rate on Balances Invested for the Term of This Replacement Schedule
- 3.00% Average Interest Rate on Amounts Borrowed for the Term of This Replacement Schedule

Year Beginning	Item Description	This Year's Costs in Current Dollars	Future Annual Inflated Net Costs	Interest Earned on Prior Balance	End of Year Balance in Future Dollars	Minimum Desired End of Year Balance in Future Dollars
1/1/14	Last year's replacements	\$0	\$0	\$0	\$0	\$28,536
1/1/15	Total of replacements from detailed replacement schedule	\$28,536	\$29,107	\$0	\$7,152	\$29,107
1/1/16	Total of replacements from detailed replacement schedule	\$28,536	\$29,689	\$215	\$13,937	\$29,689
1/1/17	Total of replacements from detailed replacement schedule	\$28,536	\$30,283	\$418	\$20,332	\$30,283
1/1/18	Total of replacements from detailed replacement schedule	\$28,536	\$30,889	\$610	\$26,313	\$30,889
1/1/19	Total of replacements from detailed replacement schedule	\$28,536	\$31,506	\$789	\$31,855	\$31,506
1/1/20	Total of replacements from detailed replacement schedule	\$28,536	\$32,137	\$956	\$36,934	\$32,137
1/1/21	Total of replacements from detailed replacement schedule	\$28,536	\$32,779	\$1,108	\$41,522	\$32,779
1/1/22	Total of replacements from detailed replacement schedule	\$28,536	\$33,435	\$1,246	\$45,592	\$33,435
1/1/23	Total of replacements from detailed replacement schedule	\$28,536	\$34,104	\$1,368	\$49,116	\$34,104
1/1/24	Total of replacements from detailed replacement schedule	\$28,536	\$34,786	\$1,473	\$52,064	\$34,786
1/1/25	Total of replacements from detailed replacement schedule	\$28,536	\$35,481	\$1,562	\$54,404	\$35,481
1/1/26	Total of replacements from detailed replacement schedule	\$28,536	\$36,191	\$1,632	\$56,104	\$36,191
1/1/27	Total of replacements from detailed replacement schedule	\$28,536	\$36,915	\$1,683	\$57,132	\$36,915
1/1/28	Total of replacements from detailed replacement schedule	\$28,536	\$37,653	\$1,714	\$57,452	\$37,653
1/1/29	Total of replacements from detailed replacement schedule	\$28,536	\$38,406	\$1,724	\$57,029	\$38,406
1/1/30	Total of replacements from detailed replacement schedule	\$28,536	\$39,174	\$1,711	\$55,825	\$39,174
1/1/31	Total of replacements from detailed replacement schedule	\$28,536	\$39,958	\$1,675	\$53,802	\$39,958
1/1/32	Total of replacements from detailed replacement schedule	\$28,536	\$40,757	\$1,614	\$50,919	\$40,757
1/1/33	Total of replacements from detailed replacement schedule	\$28,536	\$41,572	\$1,528	\$47,134	\$41,572
1/1/34	Total of replacements from detailed replacement schedule	\$28,536	\$42,404	\$1,414	\$42,404	\$42,404
Notes: Because the District does not have a formal R&R schedule, it was assumed that true R&R costs amount to 15% of operating costs, not including debt service. In addition, a Discretionary Annuity amount was added so that at the end of the 20-year modeling period, the balance will equal the average of the annual replacement cost amounts.		Starting Account Balance			\$0	\$28,536
		Minimum Annual Annuity			\$34,681	Minimum Desired Balance in Today's Dollars
		Discretionary Annuity			\$1,578	
Required Annual Deposit to Replacement Account					\$36,260	

This amount is entered into Table 3 as an operating cost of the system.