

CITY OF LOVELAND

DEPARTMENT OF WATER AND POWER SERVICE CENTER 200 N. Wilson Avenue, Loveland, CO 80537

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TO:

Kevin Reidy

Colorado Water Conservation Board 1313 Sherman Street, Room 721

Denver, CO 80203

FROM:

Stephen C. Adams

Director, Loveland Water and Power

DATE:

July 16, 2013

SUBJECT: City of Loveland, Updated Water Conservation Plan

Dear Mr. Reidy,

The City of Loveland has completed the final draft of its Water Conservation Plan. This letter includes the Cover Letter Submittal Requirements for Colorado Water Conservation Board (CWCB) review and approval of our Water Conservation Plan.

Name and contact information for the City of Loveland:

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Organizations and individuals that assisted in plan development:

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The City of Loveland would like to extend our appreciation to the Governors Energy Office (GEO) through Symbiotic Engineering, LLC for providing the generous funds making the partnership with Great Western Institute possible. The City of Loveland would also like to acknowledge the CWCB's for their guidance and input during the Plan development process.

Table 1 - Summary of Billed Water by Customer Category:

	Billed Water (million gallons)								
	Resid	dential	Comi	nercial					
Year	Inside City	Outside City	Inside City	Outside City	City Use	Other Uses	Total		
2008	2,968	141	590	18	69	83	3,869		
2009	2,516	120	510	15	56	44	3,261		
2010	2,816	134	538	16	68	37	3,609		
2011	2,875	134	573	17	71	33	3,703		
2012	2,723	149	639	17	76	25	3,629		

Table 2 - Summary of Population Served:

Year	Approximate Population Served
2008	64,690
2009	66,132
2010	66,572
2011	67,455
2012	68,825

Public review and comment information:

The Updated Water Conservation Plan underwent review by the City staff, City management and the public during the past months. After staff review and editing, staff presented the Final Draft Plan to the Loveland Utilities Commission (LUC) on February 20, 2013. Public review and comment was invited from February 21 to April 21, 2013, during which time staff presented the Final Draft Plan to the City Management Team (on April 4, 2013). Once the public comment period closed, staff presented the Plan to the Loveland Construction Advisory Board (CAB), LUC and City Council. City Council reviewed the Plan at its May 14, 2013 study session meeting and provided a unanimous final approval on June 4, 2013.

Copies of the Final Draft Plan were made available for public review at City Hall, the Loveland Public Library and the Water Utility Offices. Appendix D contains copies of the public notices used by the City to advertise the public comment period. No public comments were received as a result of the notice.

We look forward to the CWCB's review and further implementation of wise use of water as outlined in this Plan.

Sincerely,

Stephen C. Adams

Director, Loveland Water and Power

Attachment: City of Loveland, Updated Water Conservation Plan; dated July, 2013.



City of Loveland

Updated Water Conservation Plan

> FINAL PLAN July 2013



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Loveland Water and Power has a long history of promoting the responsible use of water in the community, since water is a precious resource in this semi-arid region of the Western United States. The City has long utilized multiple tools to ensure that its citizens and customers are provided with safe and sufficient water supplies now and for future generations. To this point, the City and its citizens have long shared an enlightened relationship, whereby the City's customers understand and value the importance of a reliable and sustainable water supply, and together the utility and the local citizenry work to manage this precious resource responsibly and with mindfulness.

The City of Loveland's Water Utility has been delivering drinking water to customers in and near Loveland since 1887. Today, the Water Utility is part of the Department of Water and Power and serves water to a population of over 65,000 with a service territory of an estimated 30.8 square miles. Since 1990, the City has seen an increase of nearly 35% in the population served by the utility, which is consistent with the population boom experienced by much of the north Front Range. However, the City and its customers have been able to work together to limit water restriction practices that many other Front Range communities needed to implement during the 2002 and 2003 drought when water supplies became short. Since the drought, the City has been able to limit water demand increases through messaging with its engaged citizenry.

As with other Colorado Front Range communities, the City expects to realize growth and increased water demands over the coming decade. Although the City maintains a diversified water rights portfolio that will meet the needs of the growing community, the current infrastructure has limits that will require expansion and improvement to meet the predicted increases in peak day demands and average annual water delivery and wastewater treatment. In addition, the City is responsible to its customers to provide water supplies, both treated water and raw water, reliably and cost effectively. Therefore, the City has a number of reasons to guide and support customer water use efficiency during the coming years.

The City's water conservation planning effort, which is documented in this report, focuses on assisting future water use efficiency within the utility's service area by:

- Managing City water use both indoor and outdoor;
- Identifying and implementing measures and programs that are expected to reduce summertime peak day water demand; and
- Assisting customers that wish to improve their water use efficiency.

Overall, the City recognizes that it is a combination of its actions and the actions and behaviors of its customers that will determine whether or not the water conservation measures and programs presented in this Plan are successful. Therefore, the City is committed to implementing those efforts that will support the long-term sustainability and efficacy of the utility to provide affordable, reliable water to its customers in a manner that the City's citizenry justifiably depends upon. The City has prepared this Water Conservation Plan in adherence to the prevailing state statutory requirements according to Colorado's Water Conservation Act of 2004 (HB 1365).

Section 1 Overview of the City's Water System

The City of Loveland was incorporated in the 1880s, and has been acquiring and administering water rights ever since. The City began acquiring water rights to use water in the Big Thompson River. Some water rights were purchased outright or filed on the river by the City, while others were dedicated to the City. Early transfers of the No. 1 priority on the Big Thompson River and domestic rights diverted at the Loveland pipeline form the base of the City's water rights. Early plats of the City's annexation show dedication of water rights which were appurtenant to the land becoming part of the City. In 1960, the City began formally requiring dedication of water rights prior to development. The City has historically accepted native ditch shares/inches, Colorado-Big Thompson Project water and cash-in-lieu of water rights to satisfy raw water requirements for development. The city owns about 12,000 units of the CBT Project. The City was also one of the original "Six Cities" to invest in the Windy Gap Project. None of Loveland's water supply comes from groundwater. Its sources are renewed each year with snow melt and rain.

Currently, the City has a firm yield¹ of approximately 24,590 acre feet (AF) per year, with another 2,800 AF expected as part of the Windy Gap Firming project. In current years, the greatest annual demand for a combination of potable and non-potable² water by the community served by the City's water utility was about 14,300 AF in 2006. Table 1 summarizes the water demand and approximate population served in recent years within the City's service area (which is shown in Figure 1).

Table 1 – Summary of Population Served and Treated Water Demand - 2005 to 2011

Year	Approximate Population Served ³	Treated Water Demand (AF)
2005	60,157	12,040
2006	61,098	14,309
2007	63,025	13,636
2008	64,690	13,652
2009	66,132	11,773
2010	66,572	12,752
2011	67,455	13,284

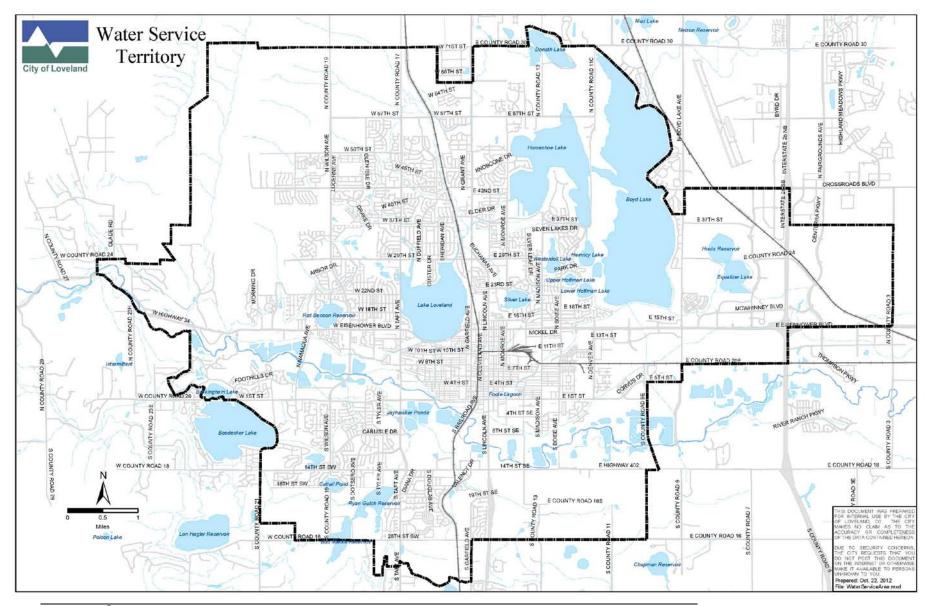
Note that the City's population has increased each year since 2005; however water demand peaked in 2006, and has maintained a slight downward trend since. Figure 2 further illustrates this observation.

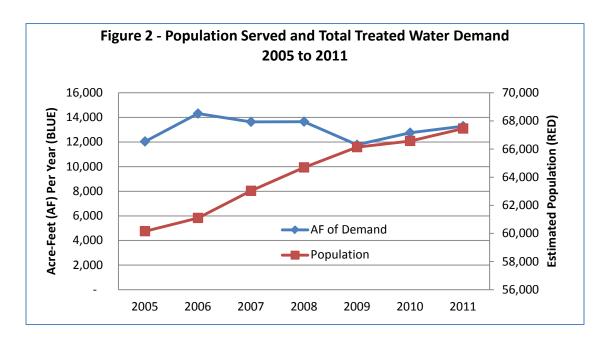
¹ Firm yield is based on the yield of the City's water rights portfolio in conditions equivalent to a 100-year drought.

² Currently, the City only has water demand that is for treated water. In the future, raw water use may be used to irrigate municipal facilities and other large areas of turf, as deemed appropriate.

³ From the "Annual Data and Assumptions Report – January 1, 2011 by City of Loveland Community and Strategic Planning.

Figure 1 - City of Loveland Water Service Area





The City currently provides water to approximately 24,650 connections or accounts for commercial and residential customers, including connections for customers both inside and outside of the City limits. Table 2 presents a summary of the type and number of water customers currently in water service.

Table 2 – Summary of City Water Customers⁴ – August 2011

Customer Type	Number of Connections	% of Total Connections
Residential		
Inside City Limits		89.9%
Single Family	20,911	
Multi-Family	1,245	
Outside City Limits		3.7%
Single Family	866	
Multi-Family	40	
Special Base	14	
Irrigation Only		1.4%
Inside City Limits	346	
Outside City Limits	5	
Commercial		4.7%
Inside City Limits	1,069	
Outside City Limits	86	
City Uses (Inside City Limits)	71	0.3%
Total	24,653	100%

⁴ The City also has water use tracked related to hydrant use (for construction), construction water use, and through an interconnect with the Little Thompson Water District. These customers are tracked separately from those summarized in Table 2.

Table 3 provides a summary of billed water demand for each of the City's customer categories for the period from 2005 to 2011. An explanation of the customer categories used in this table is provided below.

Residential – These two categories (Inside and Outside City Limits) include combined single family and multifamily uses, as well as irrigation only demand, since the City did not differentiate these uses until 2008. After 2008, the City maintained different customer categories for single family and multifamily uses, as well as irrigation only taps for residential customers.

Commercial – These two categories (Inside and Outside City Limits) include all commercial uses, including special base customers.

City Uses – This category include all City facilities that are currently metered – both for indoor and outdoor use. Note that a small number of City facilities are currently unmetered, and that this water use is currently tracked as non-revenue water.

Other Uses – This customer category tracks the water use related to industrial water use and water transferred to (and from) the Little Thompson Water District as wholesale water. Note that the City has not had customers tracked within the industrial customer category since 2007 when the water rate structure provided incentives for these customers to change to the commercial customer category. Therefore, post-2007 "Other Water Use" only includes wholesale transfers to (and from) Little Thompson Water District⁵.

Ranch – The City maintains a stand pipe at its Utility Maintenance Facility that can be used by any customer via pre-paid credit cards at a rate of \$1.00 per 300 gallons. Water obtained from the stand-pipe has been used for watering livestock, dust suppression, and other local uses. All water delivered through the stand pipe is metered and billed.

Hydrant – The City also maintains a hydrant water use system, which is also a "pay as you go" program typically used to support construction contractors. The permit to use hydrants for construction water includes meter rental and a security deposit on the meter, as well as billed water use at the rate of \$1.00 per 300 gallons. Most water delivered through this program is metered and billed⁶.

Non-Revenue Water – This category of water use tracks the difference between treated water produced by the City and total water sold. The difference between these two

⁵ This is the net amount of water purchased wholesale from Little Thompson Water District. Whichever entity received a net of positive water into their service area has to transfer Colorado Big Thompson shares to these uses, as well as pay the treated water charge.

⁶ The actual amount of hydrant water being delivered by the City could be characterized by a system wide water audit.

Table 3 – Summary of Billed Water By Customer Category

	Billed Water (1000s Gallons)							Total	Total	Tota	-l	
	Resid	ential	Comm	ercial					Total Billed	Non- Revenue	Dema	
Vasu	In aida Citu	Outside	lucido Citu	Outside	City Has	Other	I badaa aa	Damak			(1000	A ava Faat
Year	Inside City	City	Inside City	City	City Use	Uses	Hydrant	Ranch			gallons)	Acre-Feet
2005	2,623,544	133,597	466,292	21,020	53,628	93,248	4,610	97,001	3,492,940	430,360	3,923,300	12,040
2006	3,186,549	150,123	517,424	22,288	68,868	101,227	5,102	123,473	4,175,054	487,646	4,662,700	14,309
2007	2,989,778	139,242	515,274	20,981	68,262	54,810	3,683	53,921	3,845,950	597,250	4,443,200	13,636
2008	2,967,702	140,831	590,295	18,266	69,194	5	4,033	78,957	3,869,283	579,317	4,448,600	13,652
2009	2,516,008	120,300	510,429	14,786	56,127	0	3,166	41,004	3,261,820	574,580	3,836,400	11,773
2010	2,816,305	133,651	538,454	16,429	68,156	1,295	3,707	32,669	3,610,666	544,734	4,155,400	12,752
2011	2,875,155	134,224	572,683	16,680	71,316	1,221	3,584	27,905	3,702,767	625,956	4,328,723	13,284

accountings of water is considered as non-revenue water based on standards set forth by the American Water Works Association⁷. Non-revenue water includes real and apparent losses. Real losses are water that is lost due to leaks; whereas apparent losses are due to unauthorized uses, metering inaccuracies, and unmetered uses and/or metered and unbilled uses. Non-revenue water is further described below.

Water Supply Limitations

As previously indicated, the City has a robust water rights portfolio that has been developed over the past 130 plus years. The firm yield that exists as a result of the City's diligence is adequate to provide for current demands even within the 100 year drought.

Between 1986 and 1988 the City initiated work on a two-phase drought study using the services of the engineering firm of Camp, Dresser & McKee, Inc. Phase I of the study contained a recommendation that the City prepare to meet its full demands during a drought event with an average recurrence of 1-in-100 years, which translates into a 1% chance that in any year the City could not meet demands without curtailment. Council accepted Phase I the report, including the recommendation, on October 7, 1986, and the 1-in-100 year level of drought protection remains the goal for the City's raw water supply planning.

This planning policy requires developing sufficient supplies to meet the City's full water demand during the 1-in-100 year drought without water use restrictions. The LUC and City Council reaffirmed this policy as part of the approval process for the original Raw Water Master Plan in 2005 and the update in 2012.

However, the City's infrastructure currently limits the amount of treated water that can be delivered for potable use to the City's customers at 30 million gallons a day (mgd). Although the treatment capacity is adequate to meet average daily demands, summer peak day demands have exceeded 27 mgd in the past three years⁸, and are expected to increase as population grows and summertime demands increase.

The City has plans to expand the treatment plant capacity by 8 mgd over the current planning horizon. The timing and cost of the water treatment plant expansion will be discussed in later sections of this Plan.

Noteworthy is that the City maintains an interconnect with the Little Thompson Water District, which allows treated water to pass between the service area of the two entities on an as-needed basis. This interconnect may support peak daily water demands in excess of the City's current treatment capacity, if needed, until the treatment plant expansion can be constructed.

⁷ AWWA Manual M-36 defines standard practices for water loss control and management for water utilities.

⁸ Water use data for this report covers monthly and daily use from 2005 to 2011.

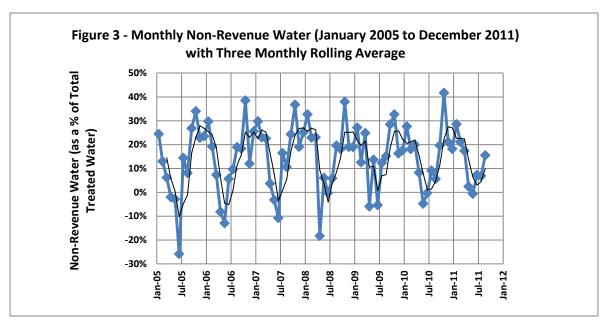
The City's wastewater treatment plant capacity may also limit current treated water deliveries, since indoor water use requires wastewater treatment to capture grey and black water for cleansing before it is returned to local receiving waters.

Water Reuse in the City

The City has limited opportunities for reusing treated wastewater since a substantial portion of the City's water portfolio is direct diversions from east slope supplies or Colorado Big Thompson water, which cannot be reused. A portion of the City's water portfolio does include some reusable supply from its reservoirs and some Windy Gap allocations. However, reusing these water sources reduces overall firm yield, so the City does not practice reuse in its normal operations.

Non-Revenue Water

Based on those data presented in Table 3, the City has an average non-revenue water of about 14%⁹, dating back to 2008 when it recategorized its customers into those categories that it currently uses. Non-revenue water changes monthly and appears to vary seasonally, as depicted in Figure 3. The reason for this seasonality is unclear; however, it appears that in late-spring/early-summer each year non-revenue water is calculated to be negative. This trend has been reduced each year since 2005, as evidenced by the 3-month rolling average which is positive in 2009, 2010 and 2011. Given that the City has 23 different billing cycles, it is recommended that the City perform a system wide audit of its water accounting practices to identify the potential sources of the non-revenue water seasonality.



Note: The definition of non-revenue water is as defined by the American Water Works Association Water Audits and Loss Control Programs (M-36)

⁹ Non-revenue water has ranged from 13 to 14.9% annually since 2008.

Non-revenue water, which can be segregated into several different "accounts" as depicted in Figure 4, is expected to consist of the following components for the City.

Unbilled Authorized Consumption – associated with unmetered, authorized water uses such as may be occurring in a small number of City parks; and metered, but unbilled water uses such as may be occurring at the water and/or wastewater treatment plants, or with some unactive water accounts that may be using water (not as water theft but through billing program and/or accounting glitches, for example).

Apparent water loss – associated with inaccurate and malfunctioning meters and with unauthorized water uses (i.e., water theft).

Real water loss – associated with detected and repaired and undetected transmission line, distribution system, and service line leaks on the supply side of customer meters. Leaks on the demand side of customer meters are not included in the accounting of non-revenue water.

Figure 4 - Overview of Treated Water Accounts As Defined by AWWA M-36

		Billed	Billed Metered Consumption	Revenue Water
	Authorized Consumption	Authorized Consumption	Billed Un-metered Consumption	
	Authorized Consumption	Unbilled	Unbilled Metered Consumption	
		Authorized Consumption	Unbilled Un-metered Consumption	
System	Water Losses	Apparent Losses	Unauthorized Consumption	Non Revenue Water (NRW)
Input Volume		(Commercial Losses)	Customer Meter Inaccuracies and Data Handling Errors	
			Leakage in Transmission and Distribution Mains	
		Real Losses (Physical Losses)	Storage Leaks and Overflows from Water Storage Tanks	
		20000)	Service Connections Leaks up to the Meter	

It is likely that a portion of the City's current 14% non-revenue water includes untracked authorized uses within City facilities and at City parks - albeit a small amount, this may be a significant (i.e., measurable) use. The City may also have a small number of inaccurate water meters installed on customer taps, or minor billing and/or accounting glitches that are included in the 14% of non-revenue water. Future water conservation programs that the City will be considering will include a formal audit of the City's meter testing, and accounting systems, and a review of all water use at City facilities.

Meter Testing and Replacement Policies and Procedures

In July 1979, the Loveland City Council approved an ordinance requiring water meters for all new construction and for existing homes when ownership changed hands. Before that time, the City only required meters for commercial accounts within the City and for all accounts served outside the City limits. Less than a year later, June 1980, the council passed another ordinance requiring meters for all water customers.

By 1981, the City was the first municipality in the state to be completely metered, at a cost of over \$3 million. The average annual water usage declined by 20 percent. Before metering, the water treatment plant's maximum day demand was 22 million gallons per day. After metering, the maximum day demand was 16.7 million gallons per day (City of Loveland, 1989). On a per capita basis, these reductions remain reflective in today's uses.

Since being fully metered in 1981, the City has maintained an aggressive meter testing and replacement program. This program involves annual testing of most meters that are 1 ½ inch or greater in service in the City (see Table 4 for an inventory of meter types and sizes currently maintained by the City). The City tested 420 meters last year, 400 meters in 2011 and 516 in 2010. Meters that are subjected to testing are evaluated for accuracy and either replaced or repaired to restore meter accuracy and maintain the accuracy of City water billings.

Table 4 – Current Inventory of Meters Maintained by the City (February 2013)

Meter Size (inches)	Count
0.75	23,616
1	729
1.25	1
1.5	375
2	274
3	56
4	27
6	7
8	1

Meters that are less than 1½ inch are tested and/or replaced on an as needed basis based on bringing into service new customers, observed meter damage, or observed losses in meter accuracy detected by meter readers and/or utility billing services.

A limited number of new meters installed for large water use customers have included automated meter reading (AMR) technology to allow for remote data collection (e.g., drive by) of water use. Expansion of the AMR program may be considered by the City as part of the Water Conservation Plan implementation. All of the meters in the City are currently read manually by meter readers on a monthly basis. Expansion

of the AMR program may help reduce the City's lost time injuries incurred by its meter reading work force, due to slips, trips, falls and dog and insect bites (for example).

Water Rates and Billings

The City maintains a comprehensive water use billing program that provides for different rates for each of its different customer categories. The rates include a base fee and a water use fee. Overall, the City maintains a water rate structure that is designed to create revenue to cover both its fixed and variable expenses – with the base fee covering the fixed expenses and the use fee covering the variable expenses. In this way, the City has more predicable revenue generation based on actual operating costs (see Appendix A for details).

In 1887, the Water Utility established a flat annual billing rate, based on the type of dwelling and the number of fixtures. Customers paid the yearly fee in advance. Until 1968, water rates were based on a flat fee determined by fixture counts. Keeping track of the number of bathrooms and toilet fixtures in homes as the City grew became increasingly difficult, and in July 1968, the City developed a flat rate charge per family based upon average water usage. Since the installation of meters in 1981, the monthly billing has reflected actual water use, and uses a uniform rate for residential customers.

In 1989 City Council approved a series of rate increases that specified water rates from 1990 to 1997. A portion of the revenues from these rate increases allowed Loveland to purchase additional CBT units, cash fund the Green Ridge Glade Reservoir expansion, and set aside money to pay off the City's obligation in the original Windy Gap Project. In 2001, once the specific needs for the rate increases were met, the City lowered rates by 33 percent. Rates are set periodically using a cost of service methodology, meaning that the rates are designed to reflect as closely as possible the real cost of providing water service to customers.

The City bills its customers for water monthly, except for those water users that utilize "ranch" and "hydrant" water sources. These two water services are provided on an as-needed "pay as you go" basis using pre-paid credit cards and use fees.

The City maintains a couple of noteworthy incentive programs within its rate structure to support water use efficiency. The first is the City's excess water use surcharge that it accesses to commercial accounts that exceed a specific individual base amount of annual water use. This fee is accessed to aid in recovering the cost of replacement water for those large water users.

The second is the City's impact fee credit for irrigation only taps that take advantage of native plantings and other outdoor water use efficiency practices to reduce the tap size required to serve the property, as well as the water right dedication or raw water requirement. The City has been piloting the efficacy of

native plantings to reduce expected irrigation water requirements in various settings such as at the Medical Center of the Rockies¹⁰.

The City conducts water rate studies to correctly and fairly price its water and services, on a three to five year cycle. A water rate study was just finished in 2012, with another planned for 2015. Additional water rates evaluations including a conservation oriented rate structure, post-2015, will be considered for inclusion in the implementation of this Plan.

Leak Detection and Repair

The City has maintained a proactive leak detection program for many years. Currently, the City has implemented an acoustic emissions program that detects distribution system leaks between adjacent valves. In 2011, the City had a goal of testing 50 miles of pipe; however, the number of leaks that surfaced during this time diverted staff from finding leaks to fixing leaks. Nonetheless, the technology detected 6 leaks in 2011 that had not surfaced, saving an estimated 310,000 gallons per day (gpd) in water losses (and another 2 leaks in 2012 saving an additional 130,000 gpd).

Despite the City efforts, the number of leaks being detected and fixed by the City in recent years (and the related water loss) has been increasing, as illustrated in Table 5. Based on these data, the repairs conducted by the City have reduced water loss by approximately 42 million gallons in the past 4 years. This represents about 1% of the City's total treated water demand or about 7% of the City's non-revenue water in 2011 (not including the found leaks listed above).

Table 5- Summary of Leaks Detected and Repaired by the City

	2007	2008	2009	2010	2011	2012
Number of Leaks	73	62	61	62	100	76
Estimated Losses (millions of gallons)	n/a	6.2	3.1	8.9	23.9	

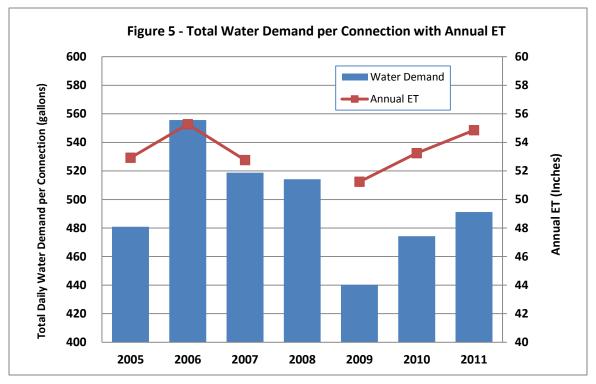
12 July 2013

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¹⁰ The pilot program has involved the installation of multiple hydrozones to evaluate Xeric landscape in various settings including boundary landscapes, parking lot islands, heliport landing area, etc.

Section 2 Past Water Use Trends and Ongoing Conservation Programs

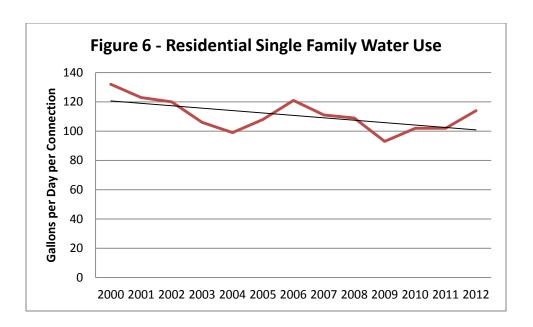
As previously indicated, the City's total water demand has not increased in relation to the City's population, as illustrated in Figure 2. Figure 5 presents the change in per connection water use observed over the past 7 years. Figure 5 also presents the observed evapotranspiration for the years 2008 through 2011¹¹. As can be seen in Figure 5, total water demand per connection correlates well to annual ET – meaning that total demand is substantially influenced by outdoor irrigation needs of the community based on prevailing weather conditions (i.e., precipitation, wind and temperature).



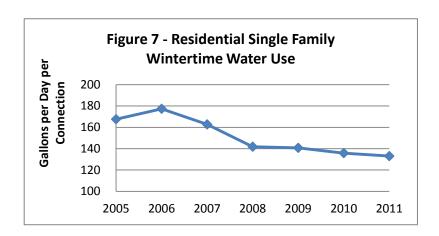
ET- evapotranspiration

Figure 6 demonstrates the observed water use of a residential single family over the last twelve years. While use varies slightly from year to year, overall gallons per capita day demonstrates a downward trend.

¹¹ ET for Alfalfa is based on weather data maintained by Northern Water for the Loveland station at http://www.northernwater.org/WaterConservation/WeatherandETData.aspx.



This downward trend can further be demonstrated in indoor water use within the City, which is illustrated in Figure 7. Figure 7 presents the daily water use by single family residential connection for the winter months only. This figure indicates that since 2006, average daily water use in the winter has dropped. Noteworthy is that starting in 2008, the residential water use category was revised, segregating single family from multifamily accounts. For this reason, the observed drop from 2007 to 2008 shown in Figure 7 may not be a result of true indoor water savings. However, since 2008, average daily indoor water use for single family residential customers has dropped by 6%.



The 6% drop in residential wintertime per connection use correlates well to expected passive savings that were reported by the CWCB (2010). Specifically, passive savings are those water demand reductions that have occurred, and will continue to occur, as a result of new technology in appliances and fixtures improving customer water use efficiency independent of local water conservation programs conducted by water providers. Residential customer toilets, dishwashers, and clothes washing machines have become substantially more water efficient, and as customers replace aging and broken appliances and fixtures, passive savings have, and will continue to occur organically within the water utility's service area. To this

end, the City has and is expected to continue to see average indoor residential demand decrease into the future as more customers replace and upgrade toilets, dishwashers and clothes washing machines.

Ongoing Water Conservation Programs

In light of this trend in indoor water demand reductions, the City supports and promotes local water conservation using the following programs – which are generally focused on reducing outdoor irrigation requirements for its customers.

- Educational programs the City's educational programs include producing and distributing flyers
 and informational materials, maintaining an informational website, public events, and maintaining
 two demonstration Xeriscape gardens: one at the downtown Civic Center and another at the City
 Service Center.
- Outdoor residential irrigation audits (AKA, Slow the Flow) the City supports the Center for Resource Conservation (CRC) Slow the Flow audits at 70 to 75 individual residents each year.
- Commercial customer energy audits (through the Energy-Water Efficiency Express) the City provides financial support to this program. As a result, Efficiency Express installs low flow faucet aerators and pre-rinse spray nozzles in conjunction with energy audits that it conducts.
- **Garden-in–a-Box** residential Xeriscape program The City provides between 125 and 150 discounted Garden-in-a-Box kits to local residential customers through this CRC program.
- Hydrozoning (and water credits) As previously indicated, the City supports an impact fee
 reduction for new customers (and water rights development credits for existing customers) that
 utilize water efficient landscaping to reduce long-term water demand for a specific tap within the
 City's service area. The reduction in water demand allows for a discount to be provided with
 respect to the expected cost of replacement water for new construction, and a credit to be
 provided to existing construction. This is a new program that is currently being piloted in
 cooperation with the Medical Center of the Rockies.
- Larimer County Conservation Corps, Energy and Water Program and the Home Energy Audit
 Program— The City supports and offers these energy and water programs, which provides home
 assessments and audits to residents. These assessments and audits include replacing faucet
 aerators and showerheads, installing toilet dams and providing dye tablets to test for leaking
 toilets. These programs reach about 400 homes each year.

As another example, the City also has water waste ordinance as follows:

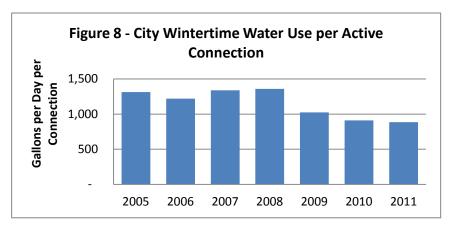
City of Loveland Municipal Code 13.04.170 Wasting water.

Consumers shall prevent unnecessary waste of water and keep all water outlets closed when not in actual use. Hydrants, urinals, water closets, and other fixtures, must be kept in repair so that they will not cause unnecessary waste of water. The supplying of water may be discontinued for any violation of this section. (Ord. 997 § 6, 1968; prior code § 13.13).

In practice, the City utilizes this ordinance to support water waste complaints filed by local customers. The City dispatches staff to investigate the complaint, and most often it is against a home owner who was unaware of their water waste issue. Once the home owner has been made aware, the problem is fixed and no additional complaint is lodged. Typically, about 3 complaints are filed a year with the utility.

City Water Use

The City uses water at about 70 to 80 different parks and facilities during the course of the year; with about 25 of the connections used year round. Indoor water use has been managed effectively by the City. This is evidenced by the consistently lower wintertime water use in City facilities, as illustrated in Figure 8.



Irrigation Plan for the Parks

Irrigation water use in the parks operated by the City includes both raw and treated water applications¹². The majority of the irrigation water is raw water and is applied through a centralize irrigation controller system that monitors real time ET and rainfall updates, to support human judgment in the management of individual hydrozones which can be remotely operated using SCADA. Only a very small number of park facilities are without centralized irrigation controllers¹³.

In 2008, the City of Loveland Parks and Recreation Department developed a detailed Irrigation Conservation Plan for most of the properties that the City irrigates. The plan (see Appendix B) provides details on each park and public space, including size, and average annual irrigation volumes. The plan also presents a four tiered irrigation program that may be implemented in case of drought and water shortages.

Integral to the City's Irrigation Plan is the understanding that application of irrigation water to the City's properties is not a one-size-fits-all program. As the Irrigation Plan states:

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¹² There are 17 parks and 18 public grounds on treated water. 9 parks, 1 public ground and 3 golf courses on raw water. The large parks (LSP, Fairgrounds/Barnes, North Lake, Centennial, Kroh) are all raw water.

¹³ Everything but 2 detention ponds (total of 2.3 acres) and 2 small planter beds in the Old Town are on central irrigation control.

Several factors need to be applied when calculating actual turf watering requirements: types of grasses being irrigated (Blue Grass, Buffalo Grass, Turf Type Fescue, etc.); site conditions (shady, sunny, hillside, low area, soil type, soil compaction, etc.); site impacts (low use, high use, sports turf, green belts, etc.); safety concerns regarding recreation activities (hard playing surfaces, large cracks in the soil, bare ground, etc.); current weather conditions (evapotransporation rates, temperatures, soil moisture levels, wind, sunshine, weekly rain totals); aesthetics (public buildings, sculpture parks, planned public events, etc.).

Overall, the irrigation water used by the Parks Department is efficiently managed at all times leveraging the benefits of centralized controllers with human judgment, as conditions warrant, since Parks staff can remotely operate the irrigation systems at 98% of the park and public spaces for which the City is responsible. Noteworthy is that based on the four tiered irrigation program, Park irrigation has been used effectively by the City in the past as a drought buffer.

Data Collection and Assessment of Programs

The City does not currently conduct an assessment of the effectiveness of its water conservation programs per se¹⁴. The City does track total treated water production and water billings on a monthly basis, and uses this information to track non-revenue water. However, no formal data tracking program is in place to support an assessment of individual water conservation programs. The City will identify future data tracking and reporting programs that will be implemented as part of this Plan to support the assessment of individual water conservation programs, as well as maintain compliance with new state regulations (i.e., HB 11-1051).

Given that the City maintains customer categories that differentiate residential single family from multifamily water use, from commercial use, from City use, it will be fairly straightforward for the City to conduct assessments and evaluations of specific water conservation programs – especially those that focus on specific types of customers and water use.

Past Water Savings from Water Conservation

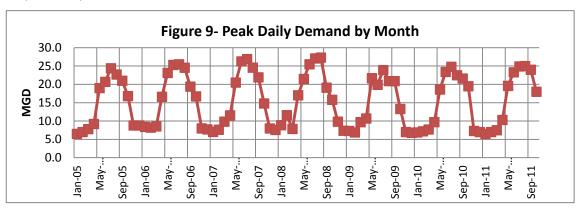
Based on the available data, it is difficult to identify specific water demand reductions that have occurred as a result of the City's programs with the exception of the City's indoor water use reductions observed between 2008 and 2011 (which is an approximate 30% reduction from 2005 and 2006 to 2011, accounting for about 8 AF annually or about 0.06% of total annual treated water demand)¹⁵.

¹⁴ Some tracking of water efficiency improvements is conducted as part of programs that the City supports such as the Efficiency Express, the Home Energy Audit Program and the Larimer County Conservation Corps assessment and audit programs.

¹⁵ Outdoor irrigation conservation efforts conducted by the City were implemented in the early part of the last decade, such that water demand reductions associated with these programs likely occurred prior to the time when data used in this Plan were collected. However, since 2009, the ratio of peak day demand to total demand and to observed ET have both been reduced, perhaps indicating that some improved efficiencies have occurred with regard to summer time peak day usage.

Other City water conservation programs appear to be overshadowed by the effects of "passive savings" that are occurring organically as residential customers repair and upgrade their water using appliances and fixtures.

It does appear, based on current trends in water use, that the City's customers, including residential and commercial customers, are reducing their average water use on an annual basis. However, peak daily demand, which occurs during the heat of the summer, appears to be on the rise since 2009 (see Figure 9). This trend tracks with observed ET during this period of time (see Figure 5). Given that in the future the City will have a larger service population and the potential for variable weather conditions (which influence peak demand), future water conservation programs that the City implements will likely need to address peak daily summertime uses.



Section 3 Forecast of Future Water Demands

Forecasting water use (or water demand) is a critical part of water conservation planning since water conservation may be used to offset increases in future water demand – identified as increasing water use within specific customer categories – and/or postpone infrastructure improvements that are needed to support growing demands.

Forecasts can range from simple projections based on anticipated growth in the population to complex models using several variables to explain variations in water use. Forecasts can be made for a water system as a whole; however, forecasts are considered more accurate and valuable to water conservation planning when they are based on expected trends for each category of customers, since residential growth may not mirror commercial or institutional growth. For this reason, the demand forecasting developed for Loveland evaluated expected growth of peak daily, monthly and annual water demand for each of the City's customer types – single family residential, multi-family and commercial groups for both inside and outside of the City Limits plus City uses and pre-paid uses (i.e., Ranch and hydrants).

The potential effects of future water conservation programs that the City chooses to implement have not been included in the demand forecast prepared during this step. Demand forecasting at this point in the planning process only incorporate trends in future customer water demand based on a continuation of the current and ongoing water conservation efforts and "passive conservation" as older fixtures and appliances wear out and are replaced with models that meet current efficiency standards. A revision to the demand forecast based on implementing the conservation measures selected by the City is made later during the planning process, and is presented in Section 8.

Forecasting Method

drought or wet weather with more than a 8 year return period.

To begin with, the forecasting methods that were developed for this planning effort focused on predicting future treated water demand based on the continuation of ongoing trends in water use and expected population growth in the City's service area. The forecasting methods were used to estimate average conditions water demand, as well as above average water demand in future years. A presentation of the forecast model assumptions and results are provided in Appendix C.

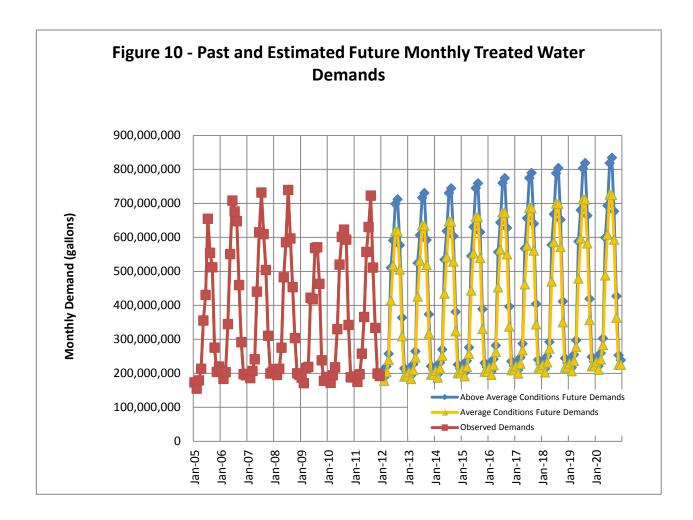
The specific forecast model results of interest to this Plan and related analyses include future annual treated water demands and future peak day demands, both of which are based on estimated future

¹⁶ Data for forecasting was based on average monthly per connection water use for the period 2005 through 2011; during which time recent trends in municipal water use were established. Characterizing variability in City water demands was performed using either this entire database, or some subset as is described in the assumptions listed in Appendix C.
¹⁷ Variability of future water demand was developed assuming that the water demand over the past record is normally distributed and that natural variability of weather and customer water use behaviors will continue through the planning period in a manner consistent with those observed since 2005. The available data was determined to be adequate for predicting variability in future demand over the coming 8 years, but not adequate to estimate extreme variations due to

monthly treated water demands. Therefore, the results for each of these three future demands are presented below.

Monthly Treated Water Demand

Monthly water demand is the basis of all other estimated future water demands. Appendix C presents how future monthly water demands were developed and how these demands were used to estimate future annual and peak daily demands. Figure 10 presents the results of the predicted monthly treated water demands throughout the planning period for both average and above average conditions¹⁸.



As this figure illustrates, future monthly demand is not expected to peak as sharply as has been observed in the past four years (from 2007 to 2011), based on average conditions. However, peak monthly treated water demand for above average conditions (i.e., one standard deviation above average conditions),

¹⁸ The reduction of treated water demands related to expected passive savings are not included in the monthly treated water demands; since they are calculated on an annual basis. Therefore, passive savings are integrated into reported annual treated water demands. Monthly water demands are presented only to illustrate the seasonal nature of monthly demands and the relative differences between average and above average conditions.

which are about 12% higher than average conditions¹⁹. The peak treated water demand difference between average and above average conditions is about 110 million gallons in August 2020.

Annual Water Demand

Annual water demand projections were developed by summing the monthly water demands for each calendar year and subtracting the estimated annual impact of passive savings²⁰. Figure 11 presents the annual treated water demands in the past and as estimated through the planning period as a result of those analyses presented in Appendix C.

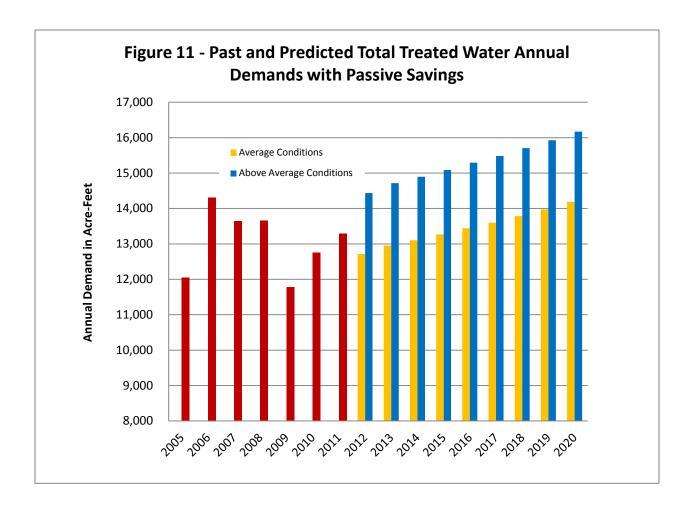


Figure 11 illustrates the relative impact of demand variability on estimated future treated water demands. Above average annual treated water demands vary over the planning period from about 14,440 to 16,170 acre-feet (AF), whereas average annual treated water demands vary from about 12,710 to 14,185 AF. This difference illustrates the challenge of planning for average conditions (i.e., those that occur only 5 out of

¹⁹ Above average treated water demands vary from about 4 (January) to 23% (August) of monthly average treated water demands; averaging about 12% higher over the course of a year.

²⁰ Passive saving water demand reductions are estimated to be about one quarter billion gallons of treated water per year in 2020.

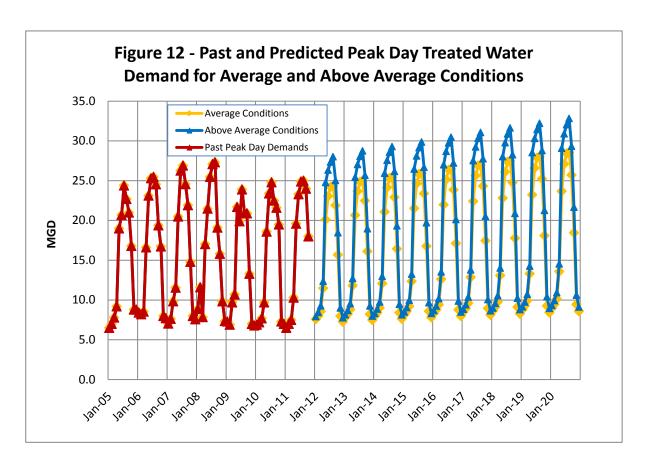
10 years), versus planning for conditions that occur 8 out of 10 years; given that demands may reasonably vary over average conditions by as much as 2,000 AF by the end of the planning horizon (2020).

For the City of Loveland, this variability is not significant given the current water portfolio used to provide the City with potable water supply. It may be that at some time in the future, the estimated demand variability may impact the City's ability to provide potable water on an annual basis, but it is not expected to be rate limiting over the current planning horizon.

Peak Daily Forecasts

The City's current peak day treatment capacity is approximately 30 MGD; whereas peak daily demands in the summer of 2008 topped 27 MGD. Peak day treatment capacity is therefore an issue for the City.

Peak day demands were estimated for each month in the planning period based on the average peaking factors presented in Appendix C. Figure 12 presents the results of the forecast modeling used to estimate peak day treated water demands for the period 2012 through 2020 (compared against past peak day demands).



Based on the analyses presented in Figure 12, average conditions peak day treated water demands are not excepted to exceed 30 MGD during the planning period (the highest annual peak day demand in 2020 is estimated to be about 28.5 MGD); whereas for above average conditions, the highest annual peak day demand exceeds 30 MGD in 2016 (30.5 MGD). Although the City has the ability to utilize an interconnect

with Little Thompson Water District to meet peak day demands above 30 MGD, future peak day water demands in the summer will require that additional water treatment capacity is developed by the City, unless water conservation programs can be developed and implemented that "shave" peak day demands, effectively postponing (or eliminating) the need for the treatment plant capacity expansion.

Section 4 Capital Improvement Projects

The City maintains a detailed 5-year capital plan that identifies design, consulting and construction costs associated with ongoing and upcoming water related projects, including:

- Transmission and distribution projects (focusing on replacing steel and cast iron pipe with plastic in critical areas)
- Water treatment plant
- Water resources
- Upgrades and extensions (AKA oversizing and extensions)
- Miscellaneous operations and maintenance (O&M) budgets

The projects that the Water Utility are currently tracking include water line replacements, water storage tank construction, meter upgrades and replacements, treatment plant upgrades and improvements, water resources projects, vehicle purchases, and various O&M projects. A specific breakdown of the City's 5-year detailed capital project list is provided in Table 6.

Table 6 – Summary of City's 5-Year (2012-2016) Detailed Capital Plan for Water Projects²¹

		5-Year Total
Transmission and	Transmission and Distribution	
	Water Line Replacements	3,281,273
	Water Storage Tanks	1,230,004
	Meter Replacements	320,920
Water Treatment	t Plant (general)	23,641,300
Water Resources		
SIF Projects		
	Water Lines	1,347,358
	Water Storage	4,920,016
	Inspecting Water Lines	189,920
	Water Treatment	8,418,533
General Plant		149,190
O&M Projects		1,959,280
	5-Year Total	45,457,794

Capital projects that are considered as a part of the City's water conservation programs include water line inspections, replacements and upgrades (which are expected to help reduce water losses); and meter replacements (which are expected to help reduce apparent water losses). The costs of these programs will be included in the overall water conservation program costs provided later in this Plan.

²¹ From the 2012 CIP for the Water Utility

Section 5 Goals for Water Conservation

The City has a number of goals for its water conservation programs. Perhaps the most important relates to the City maintaining a connection with the community that it serves; such that it can promote the importance and value of water use efficiency in maintaining a reliable, secure and sustainable water supply now and into the future. To do this, the City will rely on a number of integrated programs, each of which is described in the following section. The City understands that it is the true integration of water conservation and water resources management, in a conscientious, deliberate and transparent manner that will allow for the City and its customers to work together to reach the overall goals stated below.

Specific goals that the City looks to achieve include:

- Reducing summertime peak daily demands in the future by about 1 mgd (or about 3 acre-feet (AF) per day which is about 10% of peak demand) during above average demand periods by 2016;
- Reducing non-revenue water from current levels to 10-11% of total treated water by 2020 (which
 is a reduction in real and apparent water loss of about 575 acre-feet²³);
- Developing water rates that accurately reflect the cost of service for providing reliable, secure and sustainable water supplies, including infrastructure management and maintenance, and the impact of changing customer water use behavior patterns in the future;
- Supporting the City's "Sustainability Plan" in part by reducing City water use (indoor and outdoor) by another 5% by 2020; and
- Developing technical assistance programs that will support improved water use efficiency by the City's large commercial and irrigation only users.

Through the implementation of the Plan, and beyond, the City will strive to reduce per connection water use by about 11% between 2012 and 2020, for an estimated demand reduction of about 1750 AF^{24,25} within that time frame.

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²³ For the purposes of actual demand reductions and predicted impacts on future revenue, that real and apparent losses constitute 80% and 20% of the observed non-revenue water loss, respectively.

²⁴ Passive savings are estimated to be about 780 acre feet (AF) between 2012 and 2020; such that the City conservation goal of 1,750 AF is in addition to the estimated passive savings.

²⁵ The City's goal of 1,750 AF was developed based on an average per connection daily use from 2008 to 2011 of 480 gallons; decreasing to about 426 gallons per day per connection in 2020 (for an estimated 29,000 connections serving a population of about 80,000).

Identification and Evaluation of Candidate Measures and Programs

As indicated in the previous section, the City has identified that water conservation efforts can best support the needs of the water utility through:

- Reducing summer time peak demand;
- Reducing current system wide water loss; and
- Supporting improved water use efficiency for the City's commercial and large irrigation customers

Therefore, the City will identify, evaluate and ultimately select water conservation measures and programs that support these goals.

The State has regulations (CRS 37-60-126 – see Appendix C) which require that covered entities that develop water conservation plans for review and approval by the CWCB consider a broad range of potential measures and programs for the plan to be complete. Table 7 presents each of the categories of water conservation measures and programs that the City considered, aligned with the regulation, as it developed its "short list" of measures and programs for detailed evaluation.

A few key points related to this analysis are noteworthy.

- Based on the CWCB SWSI Levels Analysis (June 2010), the City has decide not to actively support the retrofits and related incentives (e.g., rebates) for indoor water using fixtures and appliances, since home and business owners will be naturally replacing and upgrading toilets, faucet aerators, clothes washers and dishwashers naturally, with newer, high efficiency models in the future. This market driven process does not benefit from the City spending additional resources to accelerate the impact of these passive savings.
- The City does not currently provide water to any large commercial or industrial customer that would benefit from improved process water retrofits and upgrades. Hospitals and large laundry services, car washes, and greenhouses may benefit from improved water use efficiency upgrades; however, the City will focus its commercial programs with a higher rate of return on investment (e.g., faucet aerator retrofits, shower head replacement programs). In future years, the City may decide to evaluate process water efficiency improvements, but they are not included in this version of the City's Water Conservation Plan.
- The City has not agreed philosophically or politically with the use of inclining rate block structures for residential customers that are not based on the cost of service. For this reason, the City maintains a flat residential water rate, which is raised periodically as fixed and variable costs increase. The City does have a surcharge for commercial customers that exceed a specified quantity of water use in a year; which is associated with the cost of replacement water.

Table 7 – Summary of Measures and Programs that Must Be Considered During Plan Development

CRS 37-60-126 Category of		
Measures and Programs*	Current Efforts	Future Evaluations Proposed by the City
Water-efficient fixtures and	The City currently provides replacement of showerheads and aerators	These types of programs will only be considered for large
appliances, including toilets,	through energy and water assessments and audit programs. The City	commercial customers, since residential customers will be
urinals, clothes washers,	does not currently have programs to support customer replacement	replacing toilets, faucet aerators, clothes washers and
showerheads, and faucet	and/or upgrade of appliances.	dishwashers with more water efficient models organically
aerators		(based on CWCB, 2010).
Low water use landscapes,	The City does not currently have specific programs to support	The City will continue its current programs
drought-resistant vegetation,	customer replacement of landscape materials; however the City	
removal of phreatophytes, and	supports Garden-in-a-Box (which provides water efficiency landscape	
efficient irrigation	materials to interested homeowners); has been installing water	
	efficiency landscapes in selected City parks and facilities; and	
	maintains a tap fee structure that allows for reduced impact fees for	
	customers that can demonstrate the appropriate use of water	
	efficient landscape materials.	
Water-efficient industrial and	The City does not currently have a program for industrial or	The City's customer base does not justify development of a
commercial water-using	commercial water customers – associated with process water use.	process water focused water conservation program.
processes		
Water reuse systems	The City has limited opportunities for reusing treated wastewater since a substantial portion of the City's water portfolio is direct diversions from east slope supplies or Colorado Big Thompson water, which cannot be reused. A portion of the City's water portfolio does include some reusable supply from its reservoirs and some Windy Gap allocations. However, reusing these water sources reduces overall firm yield, so the City does not practice reuse in its normal operations.	The City may obtain some water rights that would allow reuse through the Windy Gap firming project; however, until such that that project occurs, reuse opportunities do not exist for the City.

Table 7 – Summary of Measures and Programs that Must Be Considered During Plan Development (continued)

Distribution system leak	The City currently has a water loss control program including leak	The City will evaluate measures and programs to improve its
identification and repair	detection and repair projects, meter testing and replacement, and	current supply-side water loss management efforts. In
	water loss tracking; however these programs can be improved	addition, the City will evaluate strengthen its overall
		messaging regarding water use efficiency, water management,
		and the importance of maintaining and upgrading water
		infrastructure to support customer needs with respect to
		reliable, secure and sustainable water supply.
Dissemination of information	The City maintains a strong relationship with the community that it	The City will evaluate the efficacy of each of these programs
regarding water use efficiency	serves through messaging, educational efforts, and its "lead by	with respect to measurable results and maintain those that
measures, including by public	example" mentality. The City also supports customer water use	can be shown to have positive impacts on managing customer
education, customer water use	audits employing outdoor irrigation audits for residential customers	water demand.
audits, and water-saving	(AKA, Slow the Flow); indoor audits and retrofits for low-income	
demonstrations	residences; and combined energy/water audits for selected	
	commercial customers.	
Water rate structures and	The City has a flat residential block rate that is based on the cost of	The City performs a rate study every 3-5 years to keep its rates
billing systems designed to	service which in turn is based on fixed and variable costs; including a	in balance with costs. Additional water rates evaluations
encourage water use efficiency	reserve for infrastructure replacement and management.	including a conservation oriented rate structure, post-2015,
in a fiscally responsible manner.	Commercial water rates are also a flat rate with a water use surcharge	will be considered for inclusion in the implementation of this
	included for high annual water use. Irrigation only water rates are	Plan.
	inclining block rate based on a water budget for established	
	landscapes.	
Regulatory measures designed	The City maintains a water waste ordinance.	The City will evaluate methods to broaden its water waste
to encourage water		ordinance.
conservation		
Incentives to implement water	The City has not used rebates in the past to encourage water use	These types of programs for indoor uses will only be
conservation techniques,	efficiency.	considered for large commercial customers, since residential
including rebates to customers		customers will be replacing toilets, faucet aerators, clothes
to encourage the installation of		washers and dishwashers with more water efficient models
water conservation measures		organically (based on CWCB, 2010). Outdoor water use
		efficiency incentives and rebates will be evaluated by the City.

^{*} In developing a water conservation plan, state regulation requires that each covered entity shall, at a minimum, consider these categories of measures and programs.

- The City has an incentive program to reward landscape irrigation efficiency through either a
 refund of a new tap impact fee and/or a credit for water rights provided during development.
 This program is relatively new, and is in the pilot phase, but will continue to be offered as the
 Water Conservation Plan is implemented.
- The City has seen a consistent reduction in its own water use, both indoors and outdoors. Indoor water demand reduction has been associated with the installation of upgraded fixtures and more efficient water use practices. Outdoor water use efficiency has been improved with the installation and use of centralized irrigation controllers that manage each zone of each park individually. These improvements are examples of how the City "leads by example."
- In addition, the City Parks Department has developed an in depth Drought Management Plan detailing water use reductions in each park during times of water supply shortage.
- The City has a water waste ordinance that has been used in the past to respond to citizen complaints; however, the City has not allocated resources to conduct more hands-on efforts to identify and correct wasteful watering practices (e.g., driving inspections for over watering, time of day watering violations, etc.). The City may wish to consider allocating resources to conduct "on the street" assessments to help control summer peak demand in the future. In addition, the City may want to consider adding language to its current ordinance that would designate time of day watering restrictions and/or overspray requirements.

Based on the City's past efforts, current policies, and future infrastructure limitations, it proposed to evaluate the efficacy of implementing the following suite of water conservation measures and programs.

To reduce summer time peak day demands, the City will evaluate the following:

- Continue management of the City's parks utilizing the central controllers and drought management plan;
- Expand the City's water waste ordinance to detail actions that the City may take to identify and potentially penalize water waste repeat offenders;
- Continue to support residential outdoor irrigation audits (Slow the Flow) and residential
 Xeriscape planting (Garden-in-a-Box) programs;
- Develop and broadcast a new community water use messaging to stress the need for summertime use reductions (e.g., initiate voluntary watering restrictions), infrastructure management and maintenance, and general water use efficiency; and
- Initiate large commercial and irrigation only audit programs to improve outdoor irrigation efficiency.

To improve water loss management and water rate structures:

 Conduct a system-wide water audit using the American Water Works Association (AWWA) M-36 methodology;

- Implement recommendations from the system-wide water audit related to metering, data collection and management, and leak detection;
- Perform annual system-wide water audits as a means to track water loss patterns and verify that improvements are in-fact reducing real and apparent water losses; and
- Continue to perform water rate studies to evaluate and set water rates based on the cost of service for water supply to each customer. The water rate studies may also evaluate issues such as excess water use surcharges, commercial and industrial customer billing options, and creating more commercial customer categories.

Other relevant programs:

- Continue K-12 education by supporting the Loveland water fair;
- Continue to support the Energy and Water Efficiency Express such that water efficient faucet aerators and showerheads can be installed as energy audits are conducted; and
- Continue to support and offer the Larimer County Conservation Corps, Energy and Water Program and the Home Energy Audit Program for residential customers.

A detailed evaluation of each of these potential measures and programs are provided below.

Summertime Water Demand Management

<u>Parks irrigation watering management</u> – The City will continue its programs to manage the use of irrigation water on its parks, which has been a success story leveraging both human judgment and centralized controllers to efficiently apply irrigation water as conditions, and the City's irrigation conservation plan dictate. However, the parks will be evaluated for turf replacement with native plant materials, depending on the park use, location and character. In addition, minor improvements will be evaluated to further improve the current efficiency of the park irrigation efforts (MP rotors to replace older spray rotors, improving some hydrozones to support new native plantings, etc.).

Irrigation in the City main parks covers nearly 275 acres with about 26 AF per week during peak summertime use. The MP rotors will not only reduce total irrigation water demand for the City, but it will lower peak day demand by about 0.6 mgd.

Costs - \$70,000 (for materials, no labor) for replacing all existing rotors with MP rotors over the next five years.

Estimated Savings – 70 to 80 AF (based on a 15% improvement in irrigation application efficiency)

Expanded Water Waste Ordinance - The City's water waste ordinance provides general guidelines for unacceptable water waste by its customers, and allows for the City to shut off service for offenders. The City will consider developing two key amendments to this section of the municipal code:

- i) Time of day watering restrictions that discourage outdoor irrigation between 10 am and 6 pm from May 1st to September 15th.
- ii) The ability of the City to fine observed water wasters for violations (see Appendix D for an example from the CWW BP Manual).

On the heels of these amendments, the City will consider methods to identify and if necessary, penalize repeat water wasters as a means of broadcasting a low tolerance for inappropriate irrigation practices.

Cost - \$1,500 for Ordinance Revision

Estimated savings – savings are included as a part of the messaging campaign describe below.

<u>Slow the Flow and Garden-in–a-Box</u> – The City will determine whether or not to continue its support of two popular programs. Both are provided by the Center for ReSource Conservation (a non-profit operating out of Boulder). Costs carried by the City will include providing for up to 120 residential audits; and up to 80 Garden-in-a-Box native planting kits. Combined, these programs will continue the City's engagement and support of its residential customers, and in the future be linked to the City's overall efforts to reduce summertime peak water demand.

Cost - \$17,200 (for 80 Garden-in–a-Box Kits (City pays \$50 per kit); and 120 Slow the Flow residential irrigation audits (City pays about \$110 per audit))

Estimated savings -2.5 % of outdoor irrigation water use per connection in the program (about 6 AF²⁶)

<u>Wise Water Use Messaging</u> - The City will consider developing water messaging campaign that will include a tag line, logo, and related materials to help announce and publicize the implementation of the new water conservation programs; to educate and engage its customer base about the need to reduce summertime peak demand; and to ask for support of the new water waste ordinance, new water rates, overall infrastructure management and water loss control, and voluntary watering restrictions. The logo and messaging may also be incorporated into the stenciling on the City's service vehicles; water billings; educational programs; the City website; and printed information provided during customer water audits.

The City will connect the messaging effort to customer surveys that are conducted by the utility on to test messaging, identify customer hot buttons and key water topics, and evaluate public opinion regarding various water conservation strategies and programs.

²⁶ Based on residential summertime usage in 2007 and 875 total customers participating in the programs over 5 years.

Cost - \$20,000 to \$25,000 for message development and initial launch (printing, web update, etc.)

Estimated savings - dependent on the breath of the City's efforts to publicize and engage the community. Expect a reduction of about 0.75 to 1.5% of community water demand reduction due to combination of the messaging campaign with other City water conservation efforts including the water waste ordinance, the improved City facility water use, reduced distribution system water loss, and increased water rates. The messaging campaign will focus on creating synergies linking City actions with customer water use behaviors (e.g., lead by example), (75 to 100 AF²⁷).

<u>Commercial Water Audits and Retrofits</u> – The City will consider initiating a program to provide free water audits to its largest water customers coupled with retrofits for showerheads, faucet aerators and pre rinse spray nozzles, depending on the nature of the business. The largest water users in the City have been identified to include schools, manufacturing facilities, churches, business offices, nursing homes and elderly care, and City facilities. Of these, the City will focus its audits and retrofits on those with large outdoor irrigation uses coupled with indoor uses that may be receptive to the proposed retrofits²⁸.

The proposed audit program that the City would implement would involve obtaining grant funding to support data collection and analysis efforts, water use modeling and retrofits to improve the water use efficiency at each location listed in Table 8. The proposed audit program would be similar to programs conducted in other parts of the State supported by CWCB water efficiency grant funding. To this point, the costs of the first year or two of commercial facility audits and the estimated water savings are in line with those reported by past CWCB grant recipients. Note that although the water savings predicted from the audits includes both indoor and outdoor water use reductions; the audits will be focused on those organizations that may reduce summer time irrigation use, thereby supporting the City's goal to reduce peak summertime demands.

Costs - \$36,000 - \$45,000 for audits and retrofit fixtures (depending on how many of each retrofit type is installed - faucet aerators, pre-rinse spray nozzles and showerheads). This estimated cost includes \$12,000 to 15,000 for one nursing home facility customer.

Estimated savings – 8 AF and 20,600 gpd during peak demand (see Table 8).

²⁷ This water demand reduction is based on the positive results of the City's past efforts to reduce customer water use demand solely through messaging and public relationship programs.

²⁸ The retrofits being proposed are low cost and energy efficient, which therefore make them cost effective as compared to upgrades or improvements to kitchen and laundry equipment, air cooling equipment, and/or other commercial wash uses.

Table 8 - Summary of Potential Commercial Facility Audit Locations and Savings

	•	Average Annual Water Use Potential : (gallons)		al Savings	
	Indoor	Outdoor	AF (annual ^c)	GPD (during peak)	
Manufacturing Facility	2,355,000	1,970,000	1.5	3,500	
Nursing Home and Elderly Care	9,375,000	3,172,000 ^a	4.1	8,600	
(one local customer)					
Church and Publishing Facility	988,000	2,931,000	1.2	3,900	
Manufacturing Facility	303,000	584,000	0.3	1,000	
Office Building	232,000	369,000 ^b	0.2	600	
Office Building	297,000	1,570,000	0.7	2,300	
Office Building	135,000	135,000 537,000		700	
			8.2	20,600	

a uses last 4 years of water use for outdoor estimate

Water Loss Management

System Wide Water Audit and Recommendations – The City will consider conducting a system wide water audit using the methodology specified in the AWWA M-36 Water Loss Control Manual. Specific tasks that the City should consider paying special attention to relate to tracking and quantifying, where possible, metered, unbilled and unmetered, unbilled water uses; as well as looking at meter reading accuracy for large taps. In addition, the City should evaluate the accuracy of its current billing system to track all billable water accounts including those that are transferred from one customer to another. Seasonal variations in non-revenue water should also be evaluated and characterized. The audit should be provided by a third party working closely with all utility departments that handle and manage water use accounting and billing.

Recommendations from the audit may include, but not be limited to such tasks and actions as:

- Install system pressure controllers to reduce system pressure and thereby reduce supply side leaks.
- Install meters on unmetered uses.
- Calibrate and repair/replace large meters including totalizing meters on treatment plant effluent, commercial and irrigation only customers, etc.
- Accelerate the installation of AMR and AMI technologies to assist the City in identify and tracking supply side and demand side leaks, improving data handling and billing accuracy, and reducing City loss time injuries.
- Add system metering redundancy for measuring treatment plant through put, distribution system subareas or management areas, and other key locations of potential apparent water loss.

^b high water use in 2010 not included in estimate of potential savings

^c including savings from both indoor retrofits and outdoor efficiency improvements

Costs – for the audit \$25,000 to \$40,000 (depending chiefly on the extent to which meter testing is incorporated into the scope); with costs to implement audit recommendations variable based on findings during the audit.

Estimated savings – It is possible that the City will be able to reduce its current average water loss by about 3 percent (i.e., from about 13.5% of total demand to about 10.5% by 2020) as a result of the audit – which includes better understanding the City's real and apparent losses. This reduction corresponds to a reduction of non-revenue water by about 575 AF on average²⁹. Noteworthy is that these savings will result from a combination of the audit <u>and</u> the implementation of key audit recommendations.

Water Rate Study and Implementation – The City has a policy of conducting water rate studies once every three to five years to maintain appropriate customer water rates based on the cost of service. The City has just completed a water rate study in 2012 to assess current and projected future costs, and to fine tune current policies regarding:

- Excess water use surcharge for commercial customers,
- Commercial and industrial customer billing options, and
- Creating more commercial customer categories.

A water rate study can also examine the impacts of alternative tap fee incentives for new and existing customers that install water efficient landscapes and appropriately designed irrigation systems for those landscapes.

The water rate study is important to the water conservation planning effort for three reasons. First, the water rates will need to be developed in a manner consistent with the projected future demands – based on the impacts of both passive and active savings and expected peak day demand reductions. Second, the development of new and/or expanded water rate categories (e.g., for different customer classes, to account for seasonal variability in fixed and/or variable costs, etc.) should support water use tracking as new water conservation measures and programs are implemented. This will help to ensure that water demand reductions can be attributed to active programs conducted and funded by the City.

Third, the water rates should include the costs of the water conservation measures and programs selected for implementation, such that the true cost of services can be included in the base and rate fee structure. In addition, the City should ensure that costs for emergencies, capital projects, leak detection and prevention, improved metering and data management, and overall system wide loss control are included in water rates and fees. Finally, the City will evaluate options and efficacy of including additional tiers of water rates in its pricing for residential and commercial customers.

²⁹ Real and apparent losses constitute non-revenue water. Based on the assumption in footnote 25, the real and apparent losses contribute 460 and 115 AF, respectively. The real loss reduction represents a reduction in demand; whereas the apparent loss reduction represents an increase in water sales revenue.

Currently, the City has identified substantial water rate increases that it will put into practice over the next 10 years. These rate increases, presented in Table 9, will be used to raise revenue for capital projects, as well as to assist in achieving specified water conservation goals. Insomuch as the rate increases will be happening, Plan implementation will include tracking the impacts of the rate increases on customer demand and water use – individually and collectively.

Table 9 - Proposed Water Rate Increases Through 2022*

Years	Rate Increase
2014	13%
2015-2019	9%
2020-2022	8%

a proposed rate increase have not been approved by Loveland City Council

These proposed rate increases will increase the cost of 1000 gallons of water by about 120% between 2013 and 2022.

Water demand reductions related to the proposed rate increases are expected to be significant³⁰ given the scope of the proposed program; although the actual savings are expected to be on the low end of the literature values given that water is currently priced at less than \$2 per thousand gallons. Nonetheless, overall savings even at 0.1% per 1% increase is expected to total over 1,000 acre-feet by 2020, and perhaps as high as 3,000 acre-feet. Even with these large expected demand reductions, the City should plan to integrate the water rate fee changes with its messaging on wise water use and water conservation to help educate and engage its customer base regarding the justification for increased water rates, and to manage customer expectations regarding further water rate increases.

Cost - \$25,000 for a water rate study in the future assuming the City has the engineering data need to assess meter reading accuracy and effectiveness, and characterize overall system wide water loss (which indicates that the system wide water audit should be completed prior to the next water rate study).

Savings – For a 46% water rate increase (about \$0.84 per thousand, suing \$1.83 as the current starting point), a water demand reduction of between 500 and 1,700 AF may occur by 2017 (and 1,100 and 3,500 AF in 2020³¹) could be expected under average conditions, especially if the City introduces the new wise water use messaging along with the increased water rates; however, due to the relatively low cost of water in the

³⁰ Water rate increases at the City may reduce overall water use by between 0.1 to 0.7% per 1% increase in water rate based on Stevens, et.al.(1992), at an average of about 0.33% (Olmstead, et. al., 2006).

³¹ Increased demand reductions are estimated for 2020 based on increased water demand from a combination of growth and reduced apparent losses, both of which increase water deliveries to customers.

City, it is anticipated that actual water savings related to water rate increases will tend to be at the low end of the literature-based savings estimates³².

Other Programs

K-12 Education – The City will continue its efforts to support local K-12 educational efforts including participation in the Loveland water fair, classroom presentations on responsible water use and management, and other adhoc water related events. The City's presence at these events helps to engage the community and instill a general sense of water awareness in its attendees. There is no specific attempt to quantify potential water savings that are attributed to these expenditures; however the City believes that the support of local K-12 education is a basic responsibility of the utility that will continue to be funded.

Cost – The City has \$5,000 in the water utility budget for educational support, in addition to the other programs outlined in this plan.

Larimer County Conservation Corps, Energy and Water Program and the Home Energy Audit Program – The City has provided funding for these programs in the past to support the audits and retrofits of residential housing with water and energy efficient fixtures including faucet aerators, showerheads, toilet dams and dye tablets (for toilet leak detection). Although this program has not provided explicit reporting back to the City regarding measured water savings, the staff visit, audit and retrofit 200 homes each year. It is estimated that the showerheads and faucet aerators reduce the typical indoor single-family water use by about 10% (or about 135 gallons per connection per day for each of 200 homes).

Costs - \$8,000 for 200 faucet aerators and showerheads to support residential retrofits (for quality 0.5 gpm faucet aerators and 1.5 gpm showerheads cost about \$40 a set wholesale – without quality retrofits, the home owner is more likely to remove the retrofit and install less efficient models after the audit is completed) .

Savings -6 AF (for each year the program is conducted)³³.

Efficiency Express through Platte River Power Authority – Loveland Water and Power has joined with the Platte River Power Authority to fund energy and water audits for qualifying commercial and industrial buildings to support building energy tune-ups and efficiency upgrade assistance. Although the program components are focused on energy efficiencies, some water use efficiencies are possible (with respect to ice making and other food service equipment). For example, the audit team will provide educational support to facility managers regarding rebate

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³² A 13% rate increase would increase an average water bill for a single family residential customer by about \$1.20/month for wintertime use and by about \$9.60/month for summertime use (assuming 5,000 per month and 40,000 per month, respectively).

³³ Based on reduction from 2.5 gpm to 1.5 gpm in the shower for an 8 minute shower per person per day; and from 2.2 gpm to 0.5 gpm for 2.3 minutes of bathroom sink use per person per day; for an average of 2.5 persons per audited household.

opportunities and technical support. Since the City is not supporting rebates, the potential water savings that could occur as a result of this program relate to City retrofits of faucet aerators and showerheads. The City could potentially link the commercial water audit program to the Efficiency Express Program to support finding interested and qualifying commercial water customers.

Given that the actual water savings related to this program will likely occur as the result of fixtures that are replaced by the City as part of its commercial water audit and retrofit program, the savings for this program are imbedded in that program.

Costs - \$2,500 for 10 facilities in conjunction with the Brendle Group's scheduled facility assessment.

Savings – no savings were estimated for this program since the nature of the water savings can vary substantially from year to year, and the overall expected water savings are expected to be small.

Section 7

Summary of Candidate Measures and Programs

Table 10 presents a summary of the water conservation measures and programs evaluated and selected by the City for implementation during the period 2013 to 2017. Details of the proposed budget are provided in Section 9.

Table 10 - Summary of Selected Water Conservation Programs for Implementation

Measure/Program	Estimated Annual Cost	Estimated One Time Cost Over	Estimated 5-Year Cost	Estimated Savings ³⁴ (AF)	Comment
Community of Damand		Planning Period			
Summertime Demand Management					
Park Irrigation		\$70,000	\$70,000	70	Includes both landscape
Improvements					efficiency and conversions
					from spray rotors to MP rotors
Expanded Water		\$1,500	\$1,500	Included in savings	Includes increasing nature
Waste Ordinance				estimate for Smart	of ordinance to allow for
				Water Use	penalties to water
				Messaging	wasters
Slow the	\$17,200		\$86,000	6	Helps to develop good will
Flow/Garden-in-a-Box					and support the City's
					messaging
Wise Water Use	\$8,000	\$25,000	\$65,000	92	must be performed in
Messaging					close coordination with
					other measures and
					programs identified for
					implementation to
		¢20.000	ć20.000	0	achieve savings
Commercial Water		\$30,000	\$30,000	8	partnership for
Audits					management of City's
System Wide Water	\$275,000	\$40,000	\$1,415,000	294	biggest customers mid-term commitment to
Audit and	\$275,000	\$40,000	\$1,415,000	294	future reduction of non-
Recommendations					revenue water
Water Rate Study and		\$25,000	\$25,000	544	part of City's typical
Implementation		723,000	723,000	344	management program
K-12 Education	\$5,000		\$25,000	n/a	It is the right thing to do
K 12 Eddedion				11, 0	for the City
Water and Energy	\$8,000		\$40,000	31	Supports low income
Assessments and					families
Audits					
Efficiency Express	\$2,500		\$12,500	n/a	Included in Commercial
					Water Audits
	\$ 315,700 ^b	\$191,500°	\$ 1,770,000	~1,045	

^a Includes \$260,000 annually from CIP for meter and water line replacement

^b includes \$40,000 for financial software and public relations expenses

^c includes \$70,000 from parks, \$25,000 from public relations; and \$25,000 from finance and administration.

³⁴ Estimated as average annual water demand reduction after five years of program implementation

Note that one of the City's implementation goals for this Plan is to reduce summertime peak day demand by about 1 mgd by 2016. The projected savings of 1045 AF by 2020 represents about 0.93 mgd, which on first blush appears to be slightly short of the goal. However, the 1 mgd peak demand reduction goal only relates to a water supply condition that occurs during a few weeks in the summer, rather than over the entire year. Therefore, the total annual demand reduction related to summertime peaking is in the range of only 125 to 170 AF (which corresponds to a 6 to 8 week period). The summertime peak demand reductions related to irrigation improvements in the parks and at commercial facilities, as well as for residential customers, are focused on the current June through August peak day demands. These programs, if implemented by the City and its customers, could trim peak day water use by 1.5 to 2 mgd.

Integration of Proposed Water Conservation Program with Water Demand and Sales

The impact of the proposed water conservation program will be apparent with regard to both total water demand and water sales in the City. The design of the water conservation program focuses on reducing both real and apparent water loss, summertime peak demand, and overall customer water use efficiency, helping to postpone capital improvement projects (i.e., the expansion of the water treatment plant) and reducing long-term water supply development requirements. However, water conservation and demand reduction cannot be counted on alone to reduce long-term water needs for the City. The City will need to continue its practices related to the integration of storage and efficient water use to meet the needs of its customers – since the nature of a future water supply that is reliable, secure and sustainable will change in response to a growing service population, evolving commercial and business uses, and changing climatic conditions.

It is also vital to note that overall water demand reductions are estimates based on experience, literature assessments and expected trends in the City's municipal and industrial water use. Actual water savings may vary widely dependent on customer behaviors, weather conditions, City messaging efforts, and any number of other external factors. However, with the City's investment in water conservation, individual customer water use will trend downward as more responsible water use is condoned and supported. For the City to manage its practices and understand the impact of its expenditures, it is vital that a robust water use monitoring program be established to track individual and sector water use on a daily, monthly, quarterly and annual basis as plan implementation occurs. Therefore, the City will need to commit staff resources to managing the implementation phase of the water conservation program such that mid-course corrections can be identified and executed, allowing the City to best leverage its resources to achieve meaningful water conservation.

Table 11 presents the estimated decreases in future water demand associated with the proposed water conservation measures and programs presented in the previous section. The table presents demand reductions for both average conditions and above average (i.e., one standard deviation above average demands) conditions. Above average conditions savings are greater due to the impact of improved water loss management, and the associated reduction of real losses associated to delivering future water to the City's customers, since real losses are accounted for as a percentage of water deliveries.

Figure 13 presents the predicted impact of improved water use efficiency on City water sales revenues. The base case of water sales revenues is calculated maintaining water rates at the current rate of \$1.83 per thousand gallons. The scenario with the current plan absent the water rate increases is shown, with a decrease in water sales revenue of about \$400,000 for average conditions based on reduced water sales revenues due to customer water conservation (which translates to about \$500,000 in above average year - one standard deviation above average). With the water rate increase and the related water use reduction, revenue for the City is up by about \$4.45 million in an average year, which translates to about \$5 million in above average years. This increased water sales revenue clearly offset

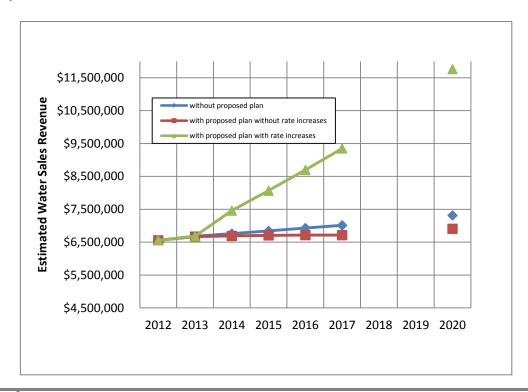
the impact of reduced customer water demand and provides for substantial revenue for treatment plant expansion and other capital improvement project needs.

Table 11 - Impact of Proposed Water Conservation Program on Average and Above Average Future Annual Water Supply Demands

	P	Average Condition	ons (AF)	Above Average Conditions ^a (AF)		
	Without	With	Demand	Without	With	Demand
	Proposed	Proposed	Reductions	Proposed	Proposed	Reductions
	Plan	Plan		Plan	Plan	
2012	12,712	12,712	0	14,436	14,436	0
2013	12,954	12,933	21	14,717	14,696	21
2014	13,103	12,841	262	14,894	14,599	295
2015	13,324	12,837	487	15,084	14,535	549
2016	13,439	12,681	758	15,292	14,439	853
2017	13,599	12,555	1,044	15,484	14,307	1,177
2020	14,185	12,425	1,760	16,168	14,091	2,077

^a above average conditions are described in Appendix C.

Figure 13 – Water Sales Revenue Impacts Related to Proposed Water Conservation Program and Proposed Water Rate Increases



Note that adjustments to water rates in the future will need to incorporate more factors than simply changes to future water demand associated with water conservation impacts. For example, the predicted impact of passive water conservation savings is in the range of 780 AF by 2020³⁵. Water rates will need to be adjusted in accordance with expected passive water savings to maintain appropriate levels of water sales revenue independent of the impacts of the proposed water conservation program. Other factors such as changes in debt service, the need for cash reserves, costs of labor, energy and materials, and the scope of capital improvements will all affect future water rates as well.

The overall water demand reduction of 1,760 AF projected for the City by 2020 has a replacement value of about \$20.9 million (based on the cost of storage, transmission, treatment and distribution).

³⁵ Lost revenue associated with passive water savings estimated in 2020 are calculated to be about \$465,000 using the current rate of \$1.83 per thousand.

Section 9 Implementation

The City has identified those measures and programs that it chooses to implement to reduce future customer water demand; however the specific staging and order of measure and program implementation is clarified in this implementation plan. Clearly the City will earnestly pursue meaningful water conservation in compliance with the elements of this Plan and the direction of City Council. Future capital funding and annual budgets will be developed in accordance with the funding requirements laid out in the preceding chapters. However, future appropriations of City funding for the various measures and programs contained herein cannot be guaranteed given that the nature of future City priorities may change due to acts of God, public health issues, or other unforeseeable issues.

To this point, the implementation plan for water use efficiency by the City needs to maintain flexibility to adapt to the changing needs and requirements of not only the City's resources, but the water use efficiency program as well. As portions of the water use efficiency program are implemented, new data and information will be acquired which may dictate or influence future water use efficiency program needs not predicted at the time of this planning effort. Therefore, this Plan will be implemented in an adaptive management approach, incorporating changing conditions and influences into the year to year, and month to month, water use efficiency activities planned and executed by the City. This City will also perform surveys on various customer classes to gain a better understanding of the customers' current perception of water, water use and interest in various water measures and programs. Results from these surveys will aid the City in planning and implementation of this Plan.

Given this framework and understanding of how water use efficiency will be best implemented in the City, the Plan is best served through the identification of the staging, or sequencing, of the various selected water use efficiency measures and programs; and a listing of those measures and programs that are of the highest priority to the City as of this writing. In this way, the first set of measures and programs that the City plans to implement can be identified (i.e., those measures and programs that will be implemented in the next 1 to 2 years). As new information becomes available over the next 1 to 2 years, the City will revise and update its water efficiency methods to best address the circumstances at that time (with regard to data collected, current fiscal resources, changing customer needs, etc.).

Sequencing

Although the City understands and supports the implementation of meaningful water conservation, its resources are not unlimited; therefore, it has chosen to sequence the implementation of its selected water use efficiency measures and programs in accordance with its current needs, expectations for future fund allocations, and perhaps most importantly due to the logical connection and interaction between specific measures and programs. For example, a system-wide audit of the City's water treatment, distribution and billing systems will be used to inform decisions to implement new meter testing, repair, and/or installation activities.

Table 12 presents a summary of the estimated annual costs for selected water use efficiency measures and programs as understood at this time. The costs have been developed based on the following assumptions:

- Various departments within the City will be included, and will contribute to the implementation of the water conservation program, including utility finance, public relations, and engineering;
- Individual water customers of the City's will be interested and participate in the various measures and programs, especially the residential and commercial programs;
- The system-wide audit will help to identify areas for City improvement regarding measuring and reducing non-revenue water uses; and
- The City will coordinate the budgeting of its Capital Improvement Projects with the annual water conservation budget.

Table 12 – Proposed Water Conservation Program Implementation Budget 2013- 2017

	2013	2014	2015	2016	2017
Park Irrigation Retrofits	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,000
Water Waste Ordinance	1,500				
Slow the Flow	13,200	13,200	13,200	13,200	13,200
Garden-in–a-Box	4,000	4,000	4,000	4,000	4,000
Wise Water Use Messaging	25,000	8,000	8,000	8,000	8,000
Commercial Water Audits			15,000	15,000	
System Wide Water Audits	40,000	15,000	15,000	15,000	15,000
Meter and Water Line Replacement	260,000	260,000	260,000	260,000	260,000
Water Rate Study		25,000			25,000
K-12 Education	5,000	5,000	5,000	5,000	5,000
Larimer County Conservation Corps, Energy and Water Program and the Home Energy					
Audit Program	8,000	8,000	8,000	8,000	8,000
Efficiency Express	2,500	2,500	2,500	2,500	2,500
Total	373,200	354,700	354,700	354,700	354,700

Priorities

For the City, the implementation of water conservation to support future demand reduction begins with the management of current non-revenue water (which aligns with one of the State-defined foundational water use efficiency elements) and water rate increases. Non-revenue water management includes characterizing and reducing both apparent losses that effect City billings and revenue, and real losses, which effect City operational costs. The City is focused on reducing the current level of non-revenue water, estimated to be about 13.5% of total treated water to about 10.5% in the next 9 years. To achieve this goal, the City will need to:

- Plan for and conduct a system-wide water audit to better characterize current non-revenue water and identify areas for utility improvements (e.g., revising the customer billing categories, identifying unmetered uses, developing cost estimates for making various proposed improvements to current water accounting practices);
- Improve meter reading accuracy on existing accounts;
- Identify and measure unmetered water uses; and
- Continue testing and repair of water distribution lines to manage leaks and other real losses between the treatment works and customer meters.

The City has budgeted for both the system-wide water audit and meter and water line replacement projects, allowing for substantial investment to occur in improving and upgrading the City's infrastructure. The costs to conduct these projects, along with the costs to upgrade the water treatment plant and other projects presented in Table 6 (see page 24) is one of the motivations behind the proposed water rate increases.

For this reason, the water rate increases is another key component of the water conservation program implementation, for the rate increases not only will provide for the revenue needed to improve water loss management and construct new, required facilities; increased water rates are expected to reduce customer water demand assisting the City in achieving its specified water conservation goals. The linkage of these two programs is vital to the overall success of the City in continuing to maintain a high level of stewardship related to the management of its water resources.

It is also imperative that the City develop and launch a water value messaging campaign to inform and engage its customers regarding the value and importance of a water system that is reliable, secure and sustainable. The messaging effort will focus on developing talking points, themes, and outreach efforts that help water customers to understand the nature of water supply and development in the City; the importance and value of maintained water supply infrastructure; and the need for water use efficiency by all. The City will use the proposed water conservation measures related to water loss control, water rating setting, improved water use efficiency at City facilities, better defined water waste management via ordinance, and various customer support programs (commercial audits, Slow the Flow and Gardenin-a-Box, etc.) to lead by example. The City will also develop and execute a customer survey to initiate the messaging campaign, gathering information regarding customer perceptions and values regarding water and water supply.

These programs and projects are therefore funded in 2013 to initiate the City's water conservation program.

The next highest priority for the City will be to conduct those measures and programs that improve the water use efficiency of the City's facilities including those measures and programs that will improve water use efficiency for both indoor and outdoor uses.

Other water use efficiency measures and programs that will support a better understanding of specific customer uses and improve their water use efficiencies, while considered important to the management

of future water demand are considered less important than those measures and programs controlled entirely by the City. Future implementation of customer water conservation programs will be conducted dependent on available funding and overall customer water use trends.

Public Input and City Review and Approval

The Updated Water Conservation Plan underwent review by the City staff, City management and the public during the past months. After staff review and editing, staff presented the Final Draft Plan to the Loveland Utility Council (LUC) on February 20, 2013. Public review and comment was invited from February 21 to April 21, 2013, during which time staff presented the Final Draft Plan to the City Management Team (on April 4th). Once the public comment period closed, staff presented the Plan to the Loveland Construction Advisory Board (CAB), LUC and City Council. City Council reviewed the Plan at its May 14th meeting and provided final approval on June 4th.

Copies of the Final Draft Plan were made available for public review at City Hall, the Loveland Public Library and the Water Utility Offices. Appendix D contains copies of the public notices used by the City to advertise the public comment period. No public comments were received as a result of the notice.

Section 10

Monitoring and Evaluation of Measures and Programs

It is important to identify an approach to monitoring as many of the measures and programs as possible so the value of each program can be evaluated as it is implemented. In this way, adaptive management of the Plan components can be performed, and resources from the City allocated.

Generally, the City has selected water use efficiency measures and programs that can be tracked.³⁶ However, some measures and programs such as customer education and the effect of increasing water rates cannot be measured directly. For these measures and programs, overall customer water use metrics such as per capita residential water use and total per capita water use will be tracked. Other measures and programs, such as the audits conducted on large commercial water users and Slow the Flow can be monitored on an individual basis.

Monitoring efforts and metrics that the City proposes are summarized in Table 13.

Table 13 - Summary of Monitoring Methods for Estimating Water Savings

Use Efficiency Measure/Program	Real Water Losses	Apparent Water Loss Reductions	Quantity of Audits/Packages Used	Individual Water Use	Per Capita Water Use	Peak Monthly Demand
System-Wide Audit	Х	Х			Х	
Messaging Campaign					Х	Х
Water Rate Increase				Х	Х	Х
Residential Programs			Х	Х	Х	Х
Commercial Audits		Х	Х	Х	Х	Х
Efficiency Express			Х	Х		
Water and Energy Assessments and Audits			Х	Х		

Plan Updates and Revisions

On an annual basis the City will monitor the metrics proposed in Table 13. The results will be reported to the Water Commission and City Council on a semi-annual and annual basis. The annual reports will help prepare the City for updating the Water Efficiency Plan every five to seven years, as required by the CWCB. It is the City's intent to update this Plan at the end of 2016.

³⁶ The City may have to implement some changes to its current protocols to track targeted customer water use, such as the City's water use and raw water uses, to complement the City's active water conservation efforts.

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Appendix A City of Loveland Current Water Rates

CITY OF LOVELAND, COLORADO



Water and Power Department
Schedule of Rates, Charges and Fees

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SUMMARY

Electric Rates

Annexation Surcharge Renewable Energy Premium per 100 kilowatt-hour (kWh)	5% \$2.70	
	JanJune, OctDec.	July-Sept.
Residential (Schedule R)		
Base Charge per Month	\$8.91	\$8.91
Energy Charge per kWh	\$0.06600	\$0.07220
PILT per kWh	\$0.00593	\$0.00633
Residential Demand (Schedule RD)		
Base Charge per Month	\$18.00	\$18.00
Energy Charge per kWh	\$0.02800	\$0.02800
PILT per kWh	\$0.00466	\$0.00497
Demand Charge per kW	\$8.21	\$8.75
Small General Service (Schedule SG)		
Base Charge per Month	\$14.20	\$14.20
Energy Charge per kWh	\$0.06640	\$0.07100
PILT per kWh	\$0.00554	\$0.00586
Plant Investment Fee per kWh	\$0.00514	\$0.00514
Large General Service (Schedule LG)		
Base Charge per Month	\$65.00	\$65.00
Energy Charge per kWh	\$0.03350	\$0.03490
PILT per kWh	\$0.00466	\$0.00499
Plant Investment Fee per kWh	\$0.00514	\$0.00514
Demand Charge per kW	\$10.49	\$11.51
Primary Service with Customer Owned Transformer (Schedule	PT)	
Base Charge per Month	\$81.00	\$81.00
Energy Charge per kWh	\$0.03276	\$0.03413
PILT per kWh	\$0.00384	\$0.00412
Plant Investment Fee per kWh	\$0.00499	\$0.00499
Demand Charge per kW	\$9.49	\$10.51
₩ 1		

Electric Rates Cont'd

Transmission Voltage by Contract (Schedule TS)

Area Lighting (Schedule AL) Rate per watt of bulb PILT per watt of bulb	<u>JanDec.</u> \$0.04717 \$0.00353
Flat Rates (Schedule FR)	JanDec.
Signal Amplifiers	\$27.80
PILT	\$2.08
Automatic Sprinkler Controls	\$4.13
PILT	\$0.31
Bus Shelters	\$17.09
PILT	\$1.28

Wastewater Rates

Monthly Flat Rate	Inside City	Outside City
Single-family residential	\$18.81	\$28.22
Multi-family residential per unit	\$11.22	\$16.83
Non-residential property (Commercial or Industrial)	\$125.87	\$188.81
Metered Water Service		
Monthly base charge – single-family residential	\$8.22	\$12.33
Monthly base charge – multi-family residential	\$3.43	\$5.15
Monthly base charge – commercial	\$8.00	\$12.00
Volume charge per 1,000 gallons – single-family residential	\$2.59	\$3.89
Volume charge per 1,000 gallons – multi-family residential	\$2.59	\$3.89
Volume charge per 1,000 gallons – commercial	\$3.21	\$4.82
High Strength Surcharge		
BOD charge per pound when discharge is greater than 276		
mg/l	\$0.44	\$0.66
TSS charge per pound when discharge is greater than 207 mg/l	\$0.26	\$0.39

Water Rates

Metered Rates

The monthly service charge shall be the sum of the base charge and the use fee per 1,000 gallons as set forth below:

Single-Family Residential Base Charge		
<u>Tap Size (in inches)</u>	Inside City	Outside City
0.75	\$10.07	\$15.11
1.00	\$12.97	\$19.46
1.50	\$15.86	\$23.79
2.00	\$23.84	\$35.76
3.00	\$82.53	\$123.80
4.00	\$104.27	\$156.41
6.00	\$155.00	\$232.50
Multi-Family Residential Base Charge		
<u>Tap size (in inches)</u>	Inside City	Outside City
0.75	\$14.83	\$22.25
1.00	\$17.73	\$26.60
1.25	\$19.18	N/A
1.50	\$20.62	\$30.93
2.00	\$28.59	\$42.89
3.00	\$87.24	\$130.86
4.00	\$108.96	\$163.44
6.00	\$159.64	\$239.46
Commercial Base Charge		
<u>Tap size (in inches)</u>	Inside City	Outside City
0.75	\$10.07	\$15.11
1.00	\$12.97	\$19.46
1.50	\$15.86	\$23.79
2.00	\$23.84	\$35.76
3.00	\$82.53	\$123.80
4.00	\$104.27	\$156.41
6.00	\$155.00	\$232.50

Water Rates Cont'd

Irrigation Base Charge

Tap size (in inches)	Inside City	Outside City
0.75	\$10.07	\$15.11
1.00	\$12.97	\$19.46
1.50	\$15.86	\$23.79
2.00	\$23.84	\$35.76
3.00	\$82.53	\$123.80
4.00	\$104.27	\$156.41
6.00	\$155.00	\$232.50

Charges for larger taps will be set by City Council.

Use Fee per 1,000 gallons	Inside City	Outside City
Single-Family Residential	\$1.75	\$2.63
Multi-Family Residential	\$1.61	\$2.42
Commercial	\$1.76	\$2.64
Irrigation	\$2.15	\$3.23
Hidden Valley Monthly Base Charge for 0.75 inch tap	\$160.70	
Excess Water Use – Surcharge per 1,000 gallons	\$0.75	

Water Rates Cont'd Fire Hydrant Charge per month		
Residential	\$2.50	
Commercial	\$6.20	
Fire Protection Tap Service Fee per month	\$1.80	
Tank and Hydrant Rate per 300 gallons	\$1.00	
Tank and Hydrant Nate per 300 ganons	ψ1.00	
Plant Investment Fees - Electric		
Residential Service		
Residential over 150 amp service	\$1,630.00	
Residential 150 amp service or less	\$1,270.00	
Non-Residential per kWh		
Small General Service	\$0.00514	
Large General Service	\$0.00514	
Primary Service w/customer equipment	\$0.00499	
System Impact Fees – Wastewater		
	Inside City	Outside City
Detached one-family dwelling	\$2,510.00	\$3,770.00
Attached one-family dwelling, per unit	\$2,240.00	\$3,360.00
Two-family dwelling, per unit	\$2,240.00	\$3,360.00
Multifamily dwelling containing 3-8 dwelling units, per unit	\$2,240.00	\$3,360.00
Multifamily dwelling containing 9 or more dwelling units, per	\$1,620.00	\$2,430.00
unit		
Nonresidential		
<u>Tap size (in inches)</u>	Inside City	Outside City
0.75	\$5,450.00	\$8,180.00
1.00	\$17,820.00	\$26,730.00
1.50	\$31,360.00	\$47,040.00
Nonresidential taps above 1.5-inch pays the capital recovery sur-	charge	
Capital Recovery Surcharge – Wastewater		
Inside City per 1,000 gallons of sewer billed	\$0.745	

\$1.118

Outside City per 1,000 gallons of sewer billed

System Impact Fees – Water

	Inside City	Outside City
Detached one-family dwelling	\$4,670.00	\$7,010.00
Attached one-family dwelling, per unit	\$2,810.00	\$4,220.00
Two-family dwelling, per unit	\$2,810.00	\$4,220.00
Multifamily dwelling containing 3-8 dwelling units, per unit	\$2,810.00	\$4,220.00
Multifamily dwelling containing 9 or more dwelling units, per unit	\$2,010.00	\$3,020.00
Nonresidential		
<u>Tap size (in inches)</u>	Inside City	Outside City
0.75	\$5,480.00	\$8,220.00
1.00	\$17,350.00	\$26,030.00
1.50	\$31,890.00	\$47,840.00
Irrigation		
<u>Tap size (in inches)</u>	Inside City	Outside City
0.75	\$11,930.00	\$17,900.00
1.00	\$32,760.00	\$49,140.00
1.50	\$84,120.00	\$126,180.00
2.00	\$105,940.00	\$158,910.00
3.00	\$271,720.00	\$407,580.00

Tap sizes larger than 3-inch shall be established by City Council. The impact fee for taps larger than 1.5 inch applies only to irrigation meters. Nonresidential taps above 1.5 inch pay the capital recovery surcharge.

Hidden Valley Water Tap Activation Fee:

This fee applies to all water taps applied for on or after January 1, 2010 to serve lots authorized pursuant to Resolutions #R-35-2004 and #R-83-2005. Payment of this fee shall be due upon application for the water tap. The fee shall be calculated as follows: $A \times B \times C = fee$.

- A = Number of months from July 1, 2005 to the activation fee due date
- B = \$67.00 per month
- C = Engineering News Record 20 Cities Construction Cost Index (used to inflate the construction costs to current dollars)

Capital Recovery Surcharge - Water

Inside City per 1,000 gallons of water	\$0.721
Outside City per 1,000 gallons of water	\$1.082

Fire Tap Plant Investment Fee

	Fire Tap Plant Investment Fee	(outside City only)	\$553.00
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Raw Water Development Fee

Detached One-Family Dwelling	\$1,000.00
Attached One-Family Dwelling, per unit	\$1,000.00
Multifamily dwelling containing 2-24 dwelling units, per unit Multifamily dwelling containing 25 or more dwelling units, per unit	\$626.00 \$123.00

Nonresidential

Tap size (in inches)	
0.75	\$1,000.00
1.00	\$1,700.00
1.50	\$3,300.00
2.00	\$5,300.00
3.00	\$10,000.00

Tap sizes larger than 3-inch shall be established by City Council. The impact fee for taps larger than 1.5 inch applies only to irrigation meters. Commercial taps above 1.5 inch pay the capital recovery surcharge.

Raw Water Capital Recovery Surcharge Per 1,000 Gallons

Raw Wat	er Canital	Recovery	v Surcharge Pe	r 1.000 (Gallons	\$0.15

Electric Fees

Service Turn-On at the meter	\$35.00
Service Turn-On at the meter – After Hours	\$65.00
Service Turn-Off at the meter resulting from an	
unauthorized Service Turn-On	\$30.00
	#155.00
Disconnect/Reconnect Services	\$155.00
Disconnect/Reconnect Services with Engineering	\$255.00
Damagnant Camina Connect (No Discouncet Needed)	¢155.00
Permanent Service Connect (No Disconnect Needed)	\$155.00
Permanent Disconnect of Service	\$155.00

the Meter

\$15.00

Electric FeesCont'd
Charges When Access Denied
Appointment or Special Trip to Read
Appointment or Special Trip to Read
Цонго

Appointment or Special Trip to Read the Meter After
Hours \$25.00
Appointment or Special Trip to Change the Meter \$55.00

Appointment or Special Trip to Change the Meter \$55.00 Appointment or Special Trip to Change Meter After Hours \$70.00 or Weekends

Service is disconnected at the junction box or the overhead \$155.00 pole

When access to the pole is denied, actual costs will be billed

Residential Service Installations

Typical Underground with 1/0 CIC	\$590.00
Typical Underground with 4/0 CIC	\$800.00
Typical Overhead	\$310.00

Multiplex 3-6 Units \$700.00 Multiplex 7 or More Units (deposit, to be billed on actuals) \$855.00

Field Engineering Deposits

Residential and duplex single phase installations, 1-2 lots	\$800.00
Single commercial buildings, transformer upgrades, raising,	
lowering, or removing existing power	\$1,200.00
Residential subdivision of 3-25 lots, commercial subdivision of	
2-10 lots, raising, lowering, or removing existing power	\$1,600.00
Residential subdivision of more than 25 lots, commercial	
subdivision of more than 10 lots, malls, shopping centers,	
hospitals	\$3,000.00

Other Deposits - See Section Fees - Electric "Other Deposits"

Temporary Residential Connections \$170.00

Termination and energizing electric services to small devices \$285.00

Installation of Area Light \$325.00

Wa	STAI	vater	Fees
V V G	$\mathbf{S}_{L}\mathbf{C}_{1}$	valci	1 663

Pretreatment Inspection Fee	\$70.00
Pretreatment Significant Industrial User (SIU) Laboratory	<u>\$60.00</u>
Analysis	
Pretreatment SIU Public Notification of Violation	\$82.00
Tapping Fees 4 inch or 6 inch Tap	\$215.00
4 inch Saddle and Stainless Strap	\$60.00
6 inch Saddle and Stainless Strap	\$80.00

Water Fees

Construction	W	ater	Fee
Top ciro	(in	inch	(20)

<u>1 ap size (in inches)</u>	
0.75	\$34.00
1.00	\$56.00
1.50	\$113.00
2.00	\$180.00
3.00	\$336.00
4.00	\$559.00

Above 4.00 inch tap will be negotiated with the Water and Power Department

Water Turn-on Fee – Regular Hours	\$35.00
Water Turn-on Fee – After Regular Hours	\$60.00
Water Turn-off Fee for Unauthorized Service Turn-on	\$30.00
Water Meter Appointment Fee – Regular Hours	\$20.00
Water Meter Appointment Fee – After Regular Hours	\$30.00
Raw Water Cash-in-lieu Fee per Acre-Foot	Set by Loveland Utilities
(City Code Sec.19.04.040)	Commission
Native Raw Water Storage Fee per Acre-Foot	
Barnes Ditch	\$5,750.00
Big Thompson Ditch & Manufacturing Co.	\$3,530.00
Buckingham Irrigation Co. (Geo. Rist Ditch)	\$7,400.00
Chubbuck Ditch	\$7,400.00
Louden Irrigating Canal and Reservoir Co.	\$6,850.00
South Side Ditch Company	\$6,770.00

Water Fees Cont'd	
Construction Hydrant Meter Deposit	\$1,000.00
Hydrant Meter Rental	
Daily Rental	\$5.00
Install Fee	\$25.00
Remove Fee	\$25.00
Moving Meter Fee	\$25.00
Water Use	\$1.00/300 gallons
Meter Fees	
0.75 inch Meter and Readout	\$180.00
1.00 inch Meter and Readout	\$255.00
Install Meter and Inspection	
Meter inspect	\$45.00
Meter install	\$75.00
Water Tapping Fee	
0.75 inch	\$285.00
1.00 inch	\$285.00
1.50 inch	\$325.00
2.00 inch	\$340.00
Above 2.00 inch	\$355.00
Miscellaneous Fees	
Late Payment Penalty	\$12.00
Field Collection Fee	\$18.00
New Account Fee	\$11.00
Reactivation Fee	\$10.00
New Account Meter Reading Fee	\$10.00
Interfering or Tampering with a Meter – electric or water	\$50.00
Return Check (Insufficient Funds) Charge	\$25.00
Filing Fee for Unpaid Bills	\$35.00

I. Rates - Electric

Resale of Electric Current Prohibited

It is unlawful for any consumer who purchases electric service from the City to sell such service to others.

Surcharge

There is imposed a surcharge in the amount of five percent of base charges plus charges for energy, demand, payment-in-lieu-of-taxes (PILT) for the sale of electric power to services that come into existence in all areas annexed to the City after January 31, 1987, which areas were formerly a part of an exclusive service territory granted to a cooperative electric association by the Public Utilities Commission. Such surcharge shall expire ten years after the effective date of annexation of each such area.

Renewable Energy Premium

Availability

The renewable energy premium is available as an option to all residential, commercial, and industrial customers served under Schedules R, RD, SG, LG, PS, and PT. The renewable energy premium is not available to Transmission Voltage Service, Area Light or Flat Rate customers served under Schedules TS, AL or FE.

Monthly Rate

Monthly Minimum

The minimum bill shall be \$2.70 for each 100 kWh increment requested by the customer in the service agreement, plus the minimum bill as identified in the principal rate schedule for the customer.

Conditions

Service Restrictions – The supply of renewable energy is limited to the resources made available to the department by its power supplier, Platte River Power Authority (PRPA), and is therefore subject to all terms and conditions identified in PRPA's tariff for Renewable Energy Service.

Service Agreement

The renewable energy premium is an optional charge and requires the customer to sign a service agreement with Loveland Water and Power.

Service Agreement Period

The renewable energy premium for all eligible rate schedules shall be available for a minimum initial period of 12 consecutive months and then continuing month to month thereafter until terminated. After the minimum period, the obligation to purchase or provide renewable energy may be terminated upon 30 days notice by either party. Termination of the principal service shall also terminate the agreement unless the customer chooses to advance the agreement to the new service address.

Service Agreement Amount

Customer may request renewable energy in 100 kWh increments. The billable monthly renewable energy premium will be the number of 100 kWh increments requested by the customer in the service agreement. The actual kilowatt-hours used by the customer in any given month may be more or less than the average.

Self-Generation Rate

Availability

The Self-Generation Rate is available as an option to all electric service customers who own, operate and maintain their own generation equipment.

Monthly Rate – System Size 1-50 kW

	Jan. – June,	
	<u>Oct. – Dec.</u>	July – Sept.
Residential		
Base charge	\$8.91	\$8.91
Energy charge per kWh	\$0.06600	\$0.07220
Buyback charge per kWh	\$0.03798	\$0.04071
Monthly minimum bill	\$8.91	\$8.91
System size range limitation	1-50 kW	1-50 kW
PILT per kWh	\$0.00593	\$0.00633
Small General		
Base charge	\$14.20	\$14.20
Energy charge per kWh	\$0.06640	\$0.07100
Buyback charge per kWh	\$0.03798	\$0.04071
Monthly minimum bill	\$14.20	\$14.20
System size range limitation	1-50 kW	1-50 kW
PILT per kWh	\$0.00554	\$0.00586
Plant Investment Fee per	\$0.00514	\$0.00514
kWh		
Large General		
Base charge	\$65.00	\$65.00
Energy charge per kWh	\$0.03350	\$0.03490
Demand per kW	\$10.49	\$11.51
Buyback charge per kWh	\$0.03798	\$0.04071
Monthly minimum bill	\$65.00	\$65.00
System size range limitation	1-50 kW	1-50 kW
PILT per kWh	\$0.00466	\$0.00500
Plant Investment Fee per	\$0.00514	\$0.00514
kWh		

Self-Generation Rate Cont'd Conditions

The city will net meter all energy consumed by the customer and produced by the customer's generation system. Net metering shall be, for billing purposes, the net consumption as measured at the service meter on a monthly basis. Consumption will be measured monthly and in the event net metering is negative in a given month, such that the customer's generation system production is greater than the customer's consumption, there will not be a monthly cash credit for such production. All such excess energy, expressed in kilowatt-hours, shall be carried forward from month to month and credited against the customer's energy consumption, expressed in kilowatt-hours, in subsequent months. In the event that a negative net consumption balance remains after twelve consecutive months following the effective date of customer's commencing on the Self Generation Rate, or any annual anniversary thereafter, the City will pay the customer for such negative balances at the Self Generation Buyback Charge Rate.

Monthly Rate – System Size 51 – 400 kW

Large General Service	Jan. – Jun.		
	Oct. – Dec.	July – Sept.	
Base Energy	\$65.00	\$65.00	
Energy Charge per kWh	\$0.03350	\$0.03490	
PILT per kWh	\$0.00466	\$0.00500	
Plant Investment Fee per kWh	\$0.00514	\$0.00514	
Demand per kW	\$10.49	\$11.51	
Buyback charge per kWh	\$0.05290	\$0.06220	
Monthly Minimum Bill	\$65.00	\$65.00	
System Size Range Limitation	51-400 kW	51-400 kW	

The Self-Generating customer must be in compliance with the technical specifications and requirements contained in the Standard for Interconnecting Distributed Resources with the City of Loveland Electric Power System as found in the City's Municipal Code, Section 13.12.240 and must enter into a contract with the City.

Residential Service Schedule R

Availability

Residential Service is available for single-family dwelling units and individually metered multi-family dwelling units at any location within the area served by Loveland Water and Power. Single-family dwelling units and individually metered multi-family dwelling units shall mean those buildings or units used solely as residences and not used in part for any other purpose. This rate is applicable to existing and new residential customers. Service will be delivered through a single meter per dwelling unit, at one point of delivery.

Monthly Rate

The rate for Residential Service shall consist of the sum of the base charge, energy charge, and PILT in accordance with the following table:

Monthly Rate

The rate for Residential Service shall consist of the sum of the base charge, energy charge, and PILT in accordance with the following table:

	Jan. – June,	
	$\underline{\text{Oct.}} - \underline{\text{Dec.}}$	<u>July – Sept.</u>
Base charge	\$8.91	\$8.91
Energy charge per kWh	\$0.06600	\$0.07220
PILT charge per kWh	\$0.00593	\$0.00633
Monthly minimum bill	\$8.91	\$8.91

Residential Demand Service Schedule RD

Availability

Residential Demand Service is available for single-family dwelling units and individually metered multi-family dwelling units at any location within the area served by Loveland Water and Power. Single-family dwelling units and individually metered multi-family units shall mean those buildings or dwelling units used solely as residences and not used in part for any other purpose. Existing accounts may elect service under this schedule by making application to Loveland Water and Power. Service will be delivered through a single meter per dwelling unit, at one point of delivery.

Monthly Rate

The rate for Residential Demand Service shall consist of the sum of the base charge, energy charge, demand charge and PILT in accordance with the following table:

	Jan. – June,	
	$\underline{\text{Oct.}} - \underline{\text{Dec.}}$	<u>July – Sept.</u>
Base charge	\$18.00	\$18.00
Energy charge per kWh	\$0.02800	\$0.02800
PILT charge per kWh	\$0.00466	\$0.00497
Demand charge per kW	\$8.21	\$8.75
Monthly minimum bill	\$18.00	\$18.00

Billing Demand

The demand shall be the highest rate of use in kilowatts during any 15 minute interval of the billing period.

Power Factor Charge

Power factor charge of one hundred percent of the power factor charge incurred by the City on account of and attributable to service to the customer may be billed to the customer.

Small General Service Schedule SG

Availability

Small General Service is required for all non-residential customers with less than or equal to 50 kW demand per month in ten months of a consecutive 12-month period. This also includes temporary power for non-permanent non-residential customers (for example: firework stands and holiday lights).

Monthly Rate

The rate for Small General Service shall consist of the sum of the base charge, energy charge and PILT in accordance with the following table:

	Jan. – June,	
	Oct. – Dec.	<u>July – Sept.</u>
Base charge	\$14.20	\$14.20
Energy charge per kWh	\$0.06640	\$0.07100
PILT charge per kWh	\$0.00554	\$0.00586
Plant Investment Fee per kWh	\$0.00514	\$0.00514
Monthly minimum bill	\$14.20	\$14.20

Conditions

- A. Whenever metered demand exceeds 50 kW in any three months out of a consecutive 12-month period, Loveland Water and Power will notify the customer and further service provided to such customer shall be furnished at the Large General Service Rate. The department may install such meters as it deems necessary in order to determine the metered demand.
- B. For single-phase, three-wire service, the customer's equipment shall be connected so that the current carried by the neutral conductor shall be not greater than 15 percent of the maximum current in either of the two conductors. For three-phase wye or delta service, the customer's equipment shall be connected so that the current carried by any one-phase conductor shall be no greater than 115 percent of the current in either of the two-phase conductors.

Large General Service Schedule LG

Availability

Large General Service is required for all non-residential customers exceeding 50 kW demand in any three months out of a consecutive 12-month period.

Continuation for Certain Customers

Customers on the Large General Service rate on January 31, 1999, with less than three months of 50 kW demand in a consecutive 12-month period will be grandfathered into the LG rate.

Monthly Rate

The rate for Large General Service shall consist of the sum of the base charge, energy charge, demand charge and PILT in according with the following table:

	Jan. – June,	
	$\underline{\text{Oct.}} - \underline{\text{Dec.}}$	<u>July – Sept.</u>
Base charge	\$65.00	\$65.00
Energy charge per kWh	\$0.03350	\$0.03490
PILT charge per kWh	\$0.00466	\$0.00499
Demand charge per kW	\$10.49	\$11.51
Plant Investment Fee per kWh	\$0.00514	\$0.00514
Monthly minimum bill	\$65.00	\$65.00

Billing Demand

The demand shall be the highest rate of use in kilowatts during any 15-minute interval of the billing period.

Power Factor Charge

Power factor charge of one hundred percent of the power factor charge incurred by the City on account of and attributable to service to the customer may be billed to the customer.

Primary Service with Transformer Schedule PT

Availability

Primary Service is available to all non-residential customers exceeding 50 kW demand in any three months within a 12-month period where service is delivered and metered at the available primary voltage and all serving facilities on the customer's side of the metering point are owned, operated and maintained by the customer.

Monthly Rate

The rate for Primary Service where the customer owns the transformers shall consist of the sum of the base charge, energy charge, demand charge and PILT in accordance with the following table:

Jan. – June,	
Oct. – Dec.	July – Sept.
\$81.00	\$81.00
\$0.03276	\$0.03413
\$0.00384	\$0.00412
\$9.49	\$10.51
\$0.00499	\$0.00499
\$81.00	\$81.00
	Oct. – Dec. \$81.00 \$0.03276 \$0.00384 \$9.49 \$0.00499

Billing Demand

The demand shall be the highest rate of use in kilowatts during any 15-minute interval of the billing period.

Power Factor Charge

A power factor charge of one hundred percent of the power factor charge incurred by the City on account of and attributable to service to the customer may be billed to the customer.

Conditions

Transformer ownership and maintenance is the responsibility of the customer receiving service under this rate schedule. The customer requesting this rate schedule is solely responsible for all costs associated with the installation and maintenance of the primary metering equipment and facilities. See the Water and Power Department's *Contractor Construction Standards* for equipment specifications.

Transmission Voltage Service Schedule TS

Eligibility Requirements

Transmission Voltage Service is available to any customer: (i) whose load is of sufficient magnitude or of an unusual nature such that it cannot be served from the distribution system; and (ii) whose premises are adjacent to transmission lines that are, or by contract can become, lines that supply wholesale power to the city's system; and (iii) who meets the criteria for large user service as set forth in Platte River Power Authority's Tariff 9, or applicable successor tariff.

Character of Service

The power furnished under Schedule TS shall be three phase alternating current and approximately 60 hertz, and delivered at approximately 115kV, or at other voltages subject to conditions as agreed upon, metered at each delivery point.

Charges for Service

The charges for service under Schedule TS shall be determined based on the unique load characteristics and service requirements of the customer. The rate for service delivered under Schedule TS shall at a minimum be sufficient to recover the city's cost of service, including, without limitation, wholesale rates and the city's projected operating and maintenance costs. In addition, the customer shall be responsible for all wholesale charges and fees incurred by the city in providing service under Schedule TS to the customer, including, without limitation, power factor charges.

Conditions of Service

In order to receive service under Schedule TS, the customer must meet the eligibility requirements set forth above and enter into an electric service agreement with the city. All such agreements must meet the requirements of this Schedule TS, protect the integrity of the City's electric system, protect against interference with other city electric customers, and shall address, at a minimum, the following material terms:

- term of the agreement, including initial date of service;
- charges for service, including rate adjustments;
- metering, including configuration, ownership, and maintenance;
- infrastructure, including ownership and maintenance;
- load factor, including any penalties for failure to comply;
- nature and frequency of interruptions (if service is provided on an interruptible basis), including any penalties for failure to comply;
- any other terms and conditions required to be addressed pursuant to Platte River Power Authority's Tariff 9, or applicable successor tariff.

In addition, the agreement must include a waiver of all liability for the city and Platte River Power Authority for actual and consequential damages resulting from interruptions in accordance with the agreement.

The city manager shall be authorized to negotiate all such agreements, in consultation with Platte River Power Authority, and to execute such agreements on behalf of the city.

Area Lighting Schedule AL

Availability

Area lights will be furnished to customers who request this service for the purpose of lighting private property or alleys or other areas where City street lighting would normally not be installed. Decisions for location of the lights shall be in the discretion of the City. Applications for area lights should be made at the City of Loveland Water and Power Department.

Monthly Rate (Jan.-Dec.)

The rate per watt for area lights shall be	\$0.04717
The PILT charge per watt for area lights shall be	\$0.00353

Conditions

All area lights shall be high pressure sodium vapor units.

Flat Rate Service Schedule FE

Availability

Small devices attached to the City's electric distribution system for the purpose of amplifying cable TV and telephone signals or operating automatic sprinkler controls in remote locations after June 1, 1992, will not require metering and will be billed on a flat monthly rate. Accounts existing prior to June 1, 1992, shall continue to be metered and billed at their present rate unless the customer requests conversion to the flat rate set forth in this schedule.

Monthly Rates (Jan.-Dec.)

Signal amplifiers	\$27.80
Signal amplifiers PILT charge	
Automatic sprinkler controls.	
Automatic sprinkler controls PILT charge	
Bus shelters	
Bus shelters PILT charge	

Conditions

- A. Signal amplifiers can be no greater than 5 amps per device.
- B. Automatic sprinkler controls can be no greater than 1.0 amp per device.
- C. The department may randomly install meters as it deems necessary in order to monitor the actual consumption.
- D. A customer with multiple device locations existing prior to June 1, 1992, requesting a conversion of said devices to the Flat Rate Schedule, must convert all devices existing prior to June 1, 1992, to the Flat Rate Schedule.

II. Fees - Electric

Applications for Electric Service

Every person desiring a supply of electric current from the City, or an upgrade or other change in existing service, shall make application therefore to the City upon forms furnished for that purpose.

Plant Investment Fee

Plant Investment Fees provide for the additional electric transmission, substation and distribution facilities made necessary by the extension of electric service to new connections. The Plant Investment Fee provided herein shall be, in addition to, all of the rates and charges made in connection with the furnishing by the City of electric service, and shall be payable as provided for in this section.

A. Schedule R – Residential Service and Schedule RD – Residential Demand Service. At the time application is made for any dwelling unit to be built within the corporate boundaries of the City, or at the time of application for electric service for any dwelling unit to be built outside the corporate boundaries of the City, there shall be paid to the City a Plant Investment Fee in the amount of \$1,630.00 for each electric meter to be installed in connection with the dwelling unit with a service size of greater than 150 amps and \$1,270.00 for each electric meter to be installed in connection with the dwelling unit with a service size of 150 amps or less. (Each dwelling unit within a structure containing more than one dwelling unit shall be separately metered). No energization of a permanent connection to any dwelling unit served by the City shall occur unless and until the Plant Investment Fee is paid.

For the purpose of this section, "dwelling unit" means one or more rooms and a kitchen area designed for or occupied as a unit for living and cooking purposes, which is located within a single family, multiple family or mobile home, but excluding congregate care facilities, as those terms are defined in Municipal Code Chapter 18.04. A congregate care facility may receive service under Schedules R, RD, SG, LG, or PT.

Upon application, the Water and Power Department may allow a single meter to serve a multiple family dwelling if such multiple family dwelling is a federally assisted and federally supervised project and the project sponsor is required by the federal agency having jurisdiction thereof to include the provision of electric service within the rent structure for the project. Such project may receive service under Schedules R, RD, SG, LG, or PT. If any such projects should cease to be federally supervised, then the project shall revert to the requirement of individual metering, the Plant Investment Fee for residential service shall be paid and a credit shall be applied against such Plant Investment Fee in the amount of the Plant Investment Fees paid while receiving service under another class.

Plant Investment Fee (cont'd)

- **B.** Schedule SG Small General Service. The Plant Investment Fee for accounts receiving small general service shall be collected in each billing period. The amount of the Plant Investment Fee to be billed in each period shall be equal to \$0.00514 per kWh used by the account during the billing period.
 - In establishing the Plant Investment Fees in 1979, customers served prior to May 1, 1979, are exempt from the Plant Investment Fee at the existing location only. Customers who have paid the five-year Plant Investment Fee for a particular location are exempt from the fee at the location covered.
- **C. Schedule LG** Large General Service. The amount of Plant Investment Fee to be billed in each billing period shall be equal to \$0.00514 per kWh used by the account during the billing period.
- **D. Schedule PT** Primary Service with Transformer. The amount of Plant Investment Fee to be billed in each billing period shall be equal to \$0.00499 per kWh used by the account during the billing period.
- **E. Discontinuance of Service.** In addition to all of the remedies available to the City, electric service may be discontinued for failure to pay the Plant Investment Fee provided for in this section, and such discontinuance shall be in accordance with the notice procedures set forth in Municipal Code Section 13.02.070.

Service Turn-On Fee at the Meter

During regularly scheduled work hours, there is imposed a fee in the amount of \$35.00 for each service turn-on where power is energized at the meter.

After regularly scheduled work hours, there is imposed a fee in the amount of \$65.00 for each service turn on where the power is energized at the meter.

After hours fees apply to all requests received after 4 p.m. Monday through Friday, anytime Saturday or Sunday, and all holidays observed by the City of Loveland.

Disconnect and Reconnect Services

Water and Power will perform a typical service disconnect/reconnect where power is energized or deenergized on the line side of the meter, on a flat fee basis.

There is imposed a fee in the amount of \$155.00 for each typical service disconnect/reconnect and \$255.00 for each typical service disconnect/reconnect with engineering.

A typical service disconnect/reconnect is defined as one where there is no increase in wire size or length.

All other service disconnect/reconnects will be billed at Water and Power's actual cost.

Permanent Disconnect and Removal of Service

Where a request for permanent disconnection and removal of single-phase service has been requested, there is imposed a flat fee of \$155.00.

Where a request for permanent termination of three-phase service has been requested, charges will be billed at Water and Power's actual cost.

Charges When Access Denied

There is imposed a charge as set forth in this section, that shall be due and payable when billed, to cover the additional costs and expenses incurred by the City whenever clear access to the meter location is denied. Clear access shall be deemed to be denied whenever, because of locked gates, animals confined in the same space as the meter location, or for any other reason, and after making a reasonable attempt to locate a person upon the premises to gain access, an authorized representative of the City is unable to read the meter, change the meter, or perform such other function as such representative is lawfully authorized to perform. The amount of such charge shall be as follows:

- A. When clear access is denied for two successive meter readings, and an appointment is made with the consumer or a special trip is made for reading the meter, a charge of \$15.00 is imposed for such appointment or special trip occurring during regular business hours, and \$25.00 for such appointment occurring during off-duty hours and weekends.
- B. When clear access is denied and a special trip is made to change a meter on the department's regular maintenance program, a \$55.00 charge is imposed.
- C. When clear access is denied for the purpose of disconnecting service, and service is disconnected at the junction box or overhead pole, a charge of \$155.00 is imposed.
- D. When clear access is denied for the purpose of disconnecting service at the junction box or overhead pole, the actual costs will be billed.

Residential Service Installations and Upgrades for Single Family and Duplex Dwellings

- A. A typical new residential service installation will be performed by the Water and Power Department on a flat fee basis. A typical new underground service is defined as having a trench length of 100 feet or less; trenching to be performed in normal soil conditions.
 - 1. For a service using 1/0 triplex CIC with a panel size of 150 amps or less, the fee is \$590.00 and the Plant Investment Fee, as described in the Resolution Schedule of Rates, Charges and Fees as adopted by City Council, shall also be collected.
 - 2. For a service using 4/0 triplex CIC with a panel size of 200 amps, the fee is \$800.00 and the Plant Investment Fee, as described in the Resolution Schedule of Rates, Charges and Fees as adopted by City Council, shall also be collected.

A typical new overhead service is defined as a service length of 80 feet of less, does not require setting a pole or transformer, is #2 triplex with a panel size of 150 amps or less, or 1/0 triplex with panel size of 200 amps. The fee for such service is \$310.00.

Residential Service Installations and Upgrades for Single Family and Duplex Dwellings (cont'd)

A service not meeting the above criteria shall be billed at the Water and Power Department's actual cost of installation.

Within the city limits of the City of Loveland, the fees shall be collected by the department issuing the building permit for the residence. If outside the city limits, the fee will be collected by the Water and Power Department before work can proceed.

B. Residential service upgrades resulting in services larger than 150 amps and no larger than 200 amps shall require a deposit of \$300.00 for overhead, and \$800.00 for underground. This deposit will be applied to the actual costs billed by the Water and Power Department upon completion of work performed.

Residential Service Installations and Upgrades for Multiplex Service Installations

- A. For purposes of this Resolution, a "multiplex" is defined as a structure containing not less than three and not more than six dwellings.
- B. A "typical" multiplex electric service installation will be provided by and installed by the contractor per National Electric Code. It will be energized by the Water and Power Department on a flat fee basis.

A 3-6 unit multiplex service installation will be provided by the contractor in which an electrical secondary source is already in existence. The fee for installation of an electric service in a 3-6 unit multiplex project is \$700.00 for the project and the Plant Investment Fee, as described in the current Schedule of Rates, Charges and Fees as adopted by the City Council, shall also be collected for each unit.

A 7 unit or more multiplex service termination and meter set service installation requires a deposit of \$855.00 to be made at the Water and Power Department. The contractor is to provide and install all materials. This deposit will be applied to the actual costs billed by the Water and Power Department upon completion of work performed.

Multiplexes requiring an underground service in an overhead service area will have an underground service provided by and installed by the contractor per National Electric Code. They will be billed the actual costs incurred by the Water and Power Department.

If there is no existing source for electric service and an extension of secondary power is necessary, the customer shall pay the actual costs incurred by the Water and Power Department to extend the secondary power source.

Requests for overhead multiplex service installations will be evaluated for feasibility by the Water and Power Department. If overhead service is deemed appropriate, it will be installed and billed at the actual cost incurred by the Water and Power Department.

Residential Service Installations and Upgrades for Multiplex Service Installations (cont'd)

All services to multiplexes will be installed as described in the National Electric Code pertaining to commercial services. NOTE: Duplexes will be billed as outlined in the "Residential Service Installations and Upgrades for Single and Duplex Dwellings" section in the current Schedule of Rates and Charges – Electric.

C. Buildings with greater than six dwelling units:

Any complex containing more than six dwelling units shall pay the actual costs incurred by the Water and Power Department to have a contractor-installed service energized.

Field Engineering Deposits

A customer requesting a new or modified electric service, relocation of facilities, or other work requiring engineering and construction, must make a deposit with the department. If the project is cancelled, the deposit will be applied to the actual charges incurred, any resulting credit or debit will be refunded or billed to the customer. Upon completion of engineering, the customer will deposit with the department the total deposit required.

ENGINEERING DEPOSITS

ENGI	NEEKING DEPOSITS	
A.	Residential and duplex single phase installations, 1-2 lots	\$800.00
B.	Single commercial buildings, transformer upgrades, raising, lowering, or removing	g existing
	power	\$1,200.00
C.	Residential subdivision of 3-25 lots, commercial subdivision of 2-10 lots, raising,	lowering, or
	removing existing power	\$1,600.00
D.	Residential subdivision of more than 25 lots, commercial subdivision of more than	n 10 lots, malls,
	shopping centers, hospitals	\$3,000.00

Other Deposits

The following jobs are standard in nature, and specific deposits have been established for them. In all cases actual costs will be tracked and any resulting credit or debit will be refunded or billed to the customer.

A.	Install and terminate secondary riser up to 100 feet (no transformer required)	
	Residential to 200 amps	\$1,155.00
	Commercial (cable supplied and installed by customer)	
В.	Open transformer to pull in secondary and terminate cable up to 130'	\$565.00
C.	Single phase padmount transformer upgrade (no other customers)	
	Upgrade one transformer size	
	Upgrade two transformer sizes	\$2,510.00
	Upgrade three transformer sizes	
D.	Single phase padmount transformer upgrade (other customers)	
	Upgrade one transformer size	\$2,525.00
	Upgrade two transformer sizes	\$3,070.00
	Upgrade three transformer sizes	\$3,335.00
E.	Single phase overhead transformer upgrade (no other customers)	
	Upgrade one transformer size	\$1,665.00
	Upgrade two transformer sizes	\$2,175.00
F.	Single phase overhead transformer upgrade (other customers)	
	Upgrade one transformer size	
	Upgrade two transformer sizes	\$2,735.00

Note: Work tickets (not work orders) will be opened for these jobs and the actual costs will be billed. The cutoff for work tickets is \$1,000.00 except for transformer upgrades.

Temporary Extensions

The following requirements apply to all temporary extensions/connections necessary to serve customers such as transient shows, carnivals, fairs, circuses, concessions, residential construction work, or others of a temporary nature, excluding commercial development construction as defined in the *Contractor Construction Standards*.

- A. The customer shall pay a flat rate of \$170.00 for the cost of installation and removal of the temporary extension as defined in the *Contractor Construction Standards*, under "Temporary Construction Service". Customers with extensions not meeting these standards will be billed for the actual costs.
- B. The customer shall pay for electric consumption monthly under the applicable rate.
- C. No temporary service shall continue beyond the time of building occupancy, or eighteen months from connection of such temporary service, whichever occurs sooner, without the consent of the City.
- D. The City may refuse to connect additional customers to temporary extensions until the temporary extensions have become permanent.

Area Lighting

A 100-watt high pressure sodium vapor fixture will be furnished and installed by the City at a fixed one time charge. Any fixture other than a 100-watt fixture, poles, secondary conductor and other apparatus, if required, will be provided at an additional charge based on actual costs incurred by the Water and Power Department. Decisions for location of the lights shall be at the discretion of the City. Applications for area lights should be made at the City of Loveland Water and Power Department. The fee for the installation of a 100-watt high pressure sodium vapor fixture is \$325.00.

Energizing of Electric Service to Small Devices Qualifying for Flat Rate Service

There will be a flat fee for the energizing of electric service to small devices attached to the City's electric distribution system for the purpose of amplifying cable TV and telephone signals or operating automatic sprinkler controls in remote locations. A fee of \$285.00 shall be charged to the customer for the actual installation of the service. No outlets will be permitted, nor shall there be lighting of any kind connected to this type of service. If there is no existing source and an extension of secondary power is necessary, the customer will pay for actual costs to energize the device

Pole Attachment Fee

Each attachment by a non-City utility to a City of Loveland power pole will be charged \$21.64 per year.

III.Fees - Miscellaneous

After Hours

After hours fees apply to all requests received after 4:00 p.m. Monday through Friday, anytime Saturday or Sunday, and all holidays observed by the City of Loveland.

Fire Hydrant and Fire Protection Tap

A charge of \$2.50 per residence and \$6.20 per business per month shall be paid by water users outside the city who are located within one thousand feet of a fire hydrant, measured along roads or streets, and \$6.20 per month per tap for each fire protection tap serving premises outside the city. If fire protection tap service is the only city utility service received by the premises, an administrative fee of \$1.80 per month shall also be paid.

Hydrant Meter Guidelines

<u>General:</u> Fire hydrants are installed for the main purpose of fire protection. Whenever a hydrant meter is placed on a hydrant, that hydrant is, for all practical purposes, out of service and the chances of causing damage to that hydrant are increased. For these reasons and the potential for problems involved with providing hydrant meters on a rental basis, it has become necessary to establish more clearly defined guidelines for the use of hydrant meters.

<u>Intent:</u> The use of fire hydrant meters is intended for only those situations when a large volume of water is needed in a short period of time. These meters shall not be used as a temporary substitute for a permanent water service connection or a permanent irrigation tap. Examples of acceptable and unacceptable uses are as follows:

Acceptable:

- ➤ Providing water for increasing moisture during earthmoving.
- > Filling swimming pools.
- Filling tanks on water truck (No chemicals allowed in tank).

Unacceptable

- ➤ Masonry work
- Car washes
- > Irrigation
- ➤ Water for concrete saws
- ➤ Washing streets or parking lots

Hydrant Meter Guidelines (cont'd)

<u>Guidelines & Procedures:</u> The following guidelines shall be used for regulating the use of fire hydrant meters:

- 1. Requests for hydrant meters must be received a minimum of 48 hours prior to the time needed. All requests should be made by contacting the Water and Power Department at 970-962-3701. The applicant must sign the Hydrant Meter Request Form at the Water and Power Department, 200 N. Wilson Avenue, and post a deposit of \$1,000.00 (money order or cashier's check) before the meter will be set. The deposit shall be held until all costs associated with the hydrant rental are paid in full and may be used to offset any such costs not paid within 30 days of issuance of the final invoice.
- 2. Each request will be reviewed to determine if the proposed use meets the intent of these guidelines. The use of the water from a hydrant meter for other than the stated purposes or misrepresentation of that use will result in the loss of the convenience of obtaining water in this manner.
- 3. The City will determine on a case-by-case basis whether or not a particular hydrant is acceptable for the installation of a meter. Not all hydrants are available for use with a meter. If the requested hydrant is not available, alternate hydrants will be suggested.
- 4. Water Utility personnel will install the meter, secure it to the hydrant, and operate the hydrant. Customer shall control flow of water with valve provided on meter assembly. Customer is responsible for securing this valve to prevent the unauthorized use of water by others. Removal of the handle or hand wheel from the control valve is not an acceptable method of securing the valve. ONLY trained City employees will be authorized to operate fire hydrants.
- 5. During the winter months, hydrant meters will be issued only on a day-to-day basis when outside temperatures are above freezing and are expected to remain above freezing for most of the day. Meters will be installed as soon after 8:00 a.m. as practical, and will be picked up at approximately 3:00 p.m. or earlier if outside temperatures drop below freezing, or if requested.
- 6. Meters will be issued with a male 2½" National Standard thread connection. No hoses or adapters will be provided.
- 7. Customer is responsible for all rental fees and other charges. A copy of the current fees is attached. These fees will include charges for all water use.
- 8. Customer is responsible for any and all damage to the meter and/or fire hydrant while meter is installed. If damage occurs, an invoice will be issued to cover all repair or replacement costs, and customer shall promptly pay the invoiced amount.
- 9. Number of hydrant meters is limited; therefore the meters are available on a first-come/first-served basis. A separate request form must be submitted for each location and/or time period requested.
- 10. In accordance with the City Code, it is unlawful to waste water. Every effort should be made to conserve this valuable resource. Wasteful uses will not be allowed.
- 11. Failure to comply with these guidelines, or illegally obtaining water from, or in any way tampering with a fire hydrant, is in violation of the City Code, and upon conviction is punishable by a fine or imprisonment.

<u>Alternate Source of Water:</u> For building construction projects, water is also available through permanent water taps at a construction billing rate. This source of water is handled by the Building Division, 500 E. 3rd Street, 962-2504, and typically issued along with a building permit.

Summary of Hydrant Meter Fees and Charges

Installation of meter	\$25.00*
Moving meter	\$25.00*
Removal of meter	\$25.00*
Meter rental	\$5.00/day

Water used \$1.00/300 gallons

New Account or Reactivation Fee and New Account Meter Reading Fee. Connection fees in the following amounts are hereby imposed, to be collected with the first utility bill rendered after utility service has been established or a customer account or utility service is reactivated following voluntary or involuntary termination:

Activation or establishment of a customer account for a service address	\$11.00
Meter reading charge for service address if read by Utility Billing Division	\$10.00
Reactivation of a customer account for a service address	\$10.00
Interfering or Tampering with a Meter	\$50.00

Automated Load Profile Metering Program (ALPS). No new ALPS customers will be accepted after 2009. Commercial and industrial customers will be given the option of utilizing specialized metering equipment that will allow them to monitor their utility consumption on a daily basis through a web-based program. The fees to participate in this program are according to the following schedule:

Monthly Fee Per Meter

First 9 meters	\$67.50
Meters 10 through 19	\$54.00
Meters 20 and up	\$50.00

Customers that will be enrolling to use this service will need to provide their own telephone line, preferably a line dedicated solely for this purpose. The cost of the telephone line will be borne by the customer. If a customer signs up for the program, and then decides to leave the program in less than one year, the customer will be subject to a \$200 exit fee per meter.

^{*}After hour services (normal hours are Monday through Friday, 7:30 a.m. to 4:00 p.m.) will be charged for overtime labor rates in addition to the \$25.00 charge

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Appendix B City of Loveland Irrigation Plan

IRRIGATION CONSERVATION PLAN:

The purpose of this plan is for the conservation of irrigation water during a supply shortage. It includes both domestic and raw water irrigation systems stemming from Parks to Public Grounds. A multi-level approach was used to determine the extent of conservation needed based on water availability, budget considerations, local mandates, and emergency situations.

IRRIGATION SYSTEM WATER REQUIREMENTS:

- 1. Under normal operating conditions the Parks and Public Grounds irrigation systems are capable of applying 1.50" (inches) of water per week on average. This translates into about 40,712 gallons per acre during peak demand periods. Several factors need to be applied when calculating actual turf watering requirements: types of grasses being irrigated (Blue Grass, Buffalo Grass, Turf Type Fescue, etc.); site conditions (shady, sunny, hillside, low area, soil type, soil compaction, etc.); site impacts (low use, high use, sports turf, green belts, etc.); safety concerns regarding recreation activities (hard playing surfaces, large cracks in the soil, bare ground, etc.); current weather conditions (evapotransporation rates, temperatures, soil moisture levels, wind, sunshine, weekly rain totals); aesthetics (public buildings, sculpture parks, planned public events, etc.).
- 2. It would be impractical to develop a conservation plan that could take every possible environmental and site use consideration into account. The watering requirements under this plan will take an average for each area of consideration and place the highest priority on recreational safety, long-term turf damage and tree loss followed by aesthetics and special event considerations.
- 3. System designs and limitations will also play a key role in the ability to adjust programming and watering schedules. Several park sites lack the capacity to water the entire area in just one night. In these situations, half of the irrigation controllers will run one night and the other half of the controllers run the second night. This creates an odd/even watering schedule to accommodate at least several applications of water per week. In the event of a local mandate by the City Council to limit the watering days to specific days of the week rather than odd or even, we could lose 50% or more of our irrigation watering window. Example: a normal four-day schedule reduced to two days with the same watering window would equal a 50% reduction, on the other hand, a odd/even system reduced to two days per week would result in each controller operating only one time per week or a 75% reduction. This would exceed mandated target amounts and result in increased the losses to landscape.

SITE PRIORITIES:

Before a conservation plan can be implemented all sites need to be first ranked according to an individual priority within the entire system. This will allow for other considerations such as budgets, special events, raw water availability, and recreational programming needs. Sites that have high levels of recreational activities and community parks/public grounds are given top priority. Within each of these sites there is often an area of lessor priority that will be given a lower ranking in the site-specific conservation plan.

DETERMINING THE NEED FOR CONSERVATION:

The need to implement a water conservation plan may be driven by either internal or external factors. These factors may include community water shortages caused by a drought, disruption of the supply lines due to mechanical failures, water diversions to other communities experiencing shortages, or budget shortfalls. The severity and duration of such events will be a key factor as to the level of conservation that will be required. For the purposes of this plan, a four-tier approach will be used to conserve water to varying degrees. This will allow for a general systematic approach to conservation based on current conditions and restrictions. The intent of this plan is to provide a sound basis for conservation and to allow for changing variables.

FOUR TIER APPROACH:

A four-tier approach was used to determine a target level of required water savings and an action plan to achieve these targets for each individual site. The action plan for each site is based on the primary areas of use, function, and priority ranking.

Table 1 - Drought Stages and Impacts

Drought Stage	Reduction Goal	Response Options	Anticipated User	Anticipated
			Impacts	Landscape Impacts
Stage I		Reduce irrigation		No noticeable loss
Moderate	10%	programs by 10%	N/A	short term.
Stage II		Cut the equivalent	1 st year -aesthetic	1 st year 5% turf loss.
Serious	25%	of one watering	impact.	2 nd year 15% turf
		day from the	Two or more years	loss.
		normal watering	increased risk of sports	3 plus years > 15%
		schedule.	injury and poor	turf loss and
			aesthetics.	increased tree
				mortality in younger
				trees.
Stage III		Cut the equivalent	1 st year- fields will show	1 st year-10% turf
Severe	50%	of two days from	a significant increase in	loss.
		the normal	wear.	2 nd year 30% turf
		watering schedule	2 nd year plus- fields may	loss.
			become a safety issue	3 plus years $> 50\%$
			and might need to be	turf loss and
			closed or have restricted	increased tree
			use	mortality including
				established trees
Stage IV		Cut the equivalent	1 st year- fields may	1 st year-50% turf
Extreme	75%	of three days from	become a safety issue	loss.
		the normal	and might need to be	2 nd year plus >50%
		watering schedule.	closed or have restricted	turf loss. And high
			use.	tree mortality
			2 nd year- Fields will be	including
			closed to all users.	established trees

TIER I - MODERATE

Use Reduction Target - 10 percent

This tier is intended for a seasonal drought or a possible minor disruption in water distribution system. A 10 percent reduction in the micro managed irrigation watering window will accomplish this goal. No noticeable loss of turf or landscape would be anticipated as a result of this short term reduction

TIER II - SERIOUS

Use Reduction Target - 25 percent

This tier is intended for a multiple year drought with imposed community watering restrictions with a target reduction rate of 25 percent. A 25 percent reduction in the micro managed watering window for sites requiring an odd/even programming schedule or the equivalent elimination of one watering day at all other locations with a normal program of four days per week will accomplish this goal. Some minor turf loss would be anticipated as a result of this reduction in the first two years. Continued reductions for more than two years at this level may result in an overall turf loss in excess of fifteen percent and a twenty percent increase in tree mortality rates. The most noticeable effects will be in high use areas

TIER III - SERVERE

Use Reduction Target - 50 percent

This tier is intended for a multiple year drought with imposed community watering restrictions with a target reduction rate of 50 percent. For sites requiring an odd/even programming schedule a change would be made to switch these sites to specific days of the week. Odd controllers would run Sunday and Wednesday; even controllers would run Monday and Thursday. Both types of controllers would run at 80 percent of normal to achieve a 50 percent reduction. The equivalent elimination of two watering days at all other locations normally programmed for four days per week will achieve a 50 percent reduction at those locations. At community parks and public grounds additional controller modifications may include reducing watering times on low use areas within a site and adding that savings to an extra run on a third day for high use areas at the same location. A ten to thirty percent overall turf loss would be anticipated as a result of this reduction in the first two years. Continued reductions for more than two years at this level may result in an overall turf loss in excess of fifty percent and an increase in tree mortality rates above twenty percent. The most noticeable effects will be in high use areas and recently planted landscape.

TIER IV - EXTREME

Use Reduction Target - 75 percent

This tier is intended for a long term multiple year drought with imposed community watering restrictions with a target reduction rate of 75 percent. For sites requiring an odd/even programming schedule a change would be made to switch these sites to specific days of the week. Odd controllers would run Sunday and Wednesday; even controllers would run Monday and Thursday. Both types of controllers would run at 50 percent of normal and very low use areas would be turned off as needed to achieve a 75 percent reduction. The equivalent elimination of two watering days at all other locations normally programmed for four days per week and reducing these controllers to fifty percent of normal will achieve a 75 percent reduction at these locations. At community parks and public grounds additional controller modifications may include reducing watering times on low use areas within a site and adding that savings to increased percents on high use areas at the same location. A fifty percent or more overall turf loss would be anticipated as a result of this reduction in the first two years. Continued reductions for more than two years at this level may result in a complete turf loss and an increase in tree mortality rates above fifty percent including well established trees. The effects will be noticeable at all locations.

POTABLE WATER CONSERVATION - IRRIGATION:

This plan is broken down to specific sites that have a potable irrigation water source. These sites are listed on a priority basis. The first few sites on the list have the highest priority for irrigation and would be impacted last by any mandatory watering reductions if such mandates allow for selection. The sites listed further down the list are of lower priority for irrigation and would be subject to the initial water conservation. The second part of this plan has each site listed alphabetically. They have been divided into two sections, Parks and Public Grounds. Each site has a four-tier approach to water conservation with recommended irrigation programming schedules, zone deletions, and special considerations. The calculations show the amount of water that could potentially be saved when compared to normal operating practices. Each site is followed by a brief summary that explains the possible impacts, such as the long-term effects and recreational/aesthetic implications.

Site Priority Ranking

Parks:

- 1. Loch Lon
- 2. Osborn/Winona
- 3. Dwayne Webster
- 4. South Shore Parkway
- 5. Woodmere
- 6. Eagleview
- 7. Seven Lakes
- 8. Sherri-Mar
- 9. Edmondson
- 10. Silver Glen
- 11. Derby Hill
- 12. Namaqua
- 13. Junior Achievement
- 14. Estrella
- 15. Westside
- 16. Kirkview
- 17. Loch Mount

Public Grounds:

- 1. McWhinney Hahn Visitor Center
- 2. Police and Courts
- 3. Glen Arbor
- 4. Service Center
- 5. Fire Station #1
- 6. Fire Station #2
- 7. Fire Station #3
- 8. Fire Station #4
- 9. Fire Station #5
- 10. Fire Station #6
- 11. South West 14th
- 12. Xeriscape Garden
- 13. Park Maintenance Shop
- 14. Iron Shirt
- 15. Museum
- 16. Fire Training Center
- 17. Detention Pond Tyler
- 18. Detention Pond Dotsero

Note: Sites on the top of this list have the highest priority for continued irrigation and the sites on the bottom of this list have the lowest priority.

RAW WATER CONSERVATION - IRRIGATION:

This plan is broken down to specific sites that have a raw water irrigation source. These sites are listed on a priority basis. The first few sites on the list have the highest priority for irrigation and would be impacted last by any mandatory (political/budgetary) watering reductions if such mandates allow for selection. Most of these sites are independent of each other and rely on separate raw water sources. Conservation methods will normally be based on water availability from specific sources rather than by a site priority. When feasible the sites listed further down the list are of lower priority for irrigation and would be subject to the initial water conservation. The second part of this plan has each site listed alphabetically. They have been divided into two sections, Parks and Public Grounds. Each site has a four-tier approach to water conservation with recommended irrigation programming schedules, zone deletions, and special considerations. The calculations show the amount of water that could potentially be saved when compared to normal operating practices. Each site is followed by a brief summary that explains the possible impacts, such as the long-term effects and recreational/aesthetic implications.

Site Priority Ranking

Parks: Public Grounds:

- 1. Loveland Sports Park
- 2. Fairgrounds/Barnes
- 3. North Lake
- 4. Centennial
- 5. Kroh
- 6. Benson
- 7. Sunnyside
- 8. McKee
- 9. Silver Lake

1. Civic Center

Note: Sites on the top of this list have the highest priority for continued irrigation if water sources allow and the sites on the bottom of this list have the lowest priority.

Park/Public Ground: Kroh Park

Brief Site Description:

This is a 37.3 acre community park used primarily for soccer. This facility is irrigated with raw water from the Louden Ditch Company with supplemental domestic water in the off-season. The holding pond that is located in the center of the park and has about a 12-acre foot capacity. During the peak of the irrigation season this site requires about 3.5 to 4.0 acre-feet of water per week. A total loss of irrigation would result in excessive turf damage and unsafe playing conditions on the soccer fields.

Conservation Methods:

Tier #1 Conservation:

• Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan.

Tier #2 Conservation:

• Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Sunday, Wednesday, and Friday.

Tier#3 Conservation:

- ♦ Reduce the watering schedule to three days from the normal four day cycle on zones that impact soccer fields. Set the water budget on field zones at 75% of normal or less based on current weather and site considerations. Watering days will be Sunday, Wednesday, and Friday on the athletic field zones.
- ♦ Turn off two days on <u>all</u> non-athletic field area irrigation zones from the normal four day schedule. Athletic areas include soccer/ball fields only. Reduce the percent on these zones to 75% or less based on current weather and site considerations. Watering days will be Tuesday and Thursday

Tier#4 Conservation:

• Reduce the watering schedule to two days from the normal four-day cycle on zones that impact soccer fields. Set the water budget on athletic field zones at 75% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

- ◆ Turn off three days on <u>all</u> non-athletic field area irrigation zones from the normal four-day schedule. Athletic areas include soccer/ball fields only. Reduce the percent on these zones to 75% or less based on current weather and site considerations. Watering day will be Monday.
- Turn off all half head zones in non-recreational areas.

Summary:

Conservation methods in tier one would reduce the watering requirements by about 10% and would have no short term landscape impacts. Water conservation methods in tier two would reduce the watering requirements by about 25% and would result in turf loss in low use areas and increased field wear. Tier three would reduce the watering requirements by about 50% and would result in turf and tree loss in low use areas and potential field failures in high use areas. Tier three may require the closure of some or all athletic fields after one year. Tier four would reduce the watering requirements by about 75% and would result in large scale turf and tree loss in low use areas and field failures in high use areas. Tier four would require the immediate closure of all athletic fields/high use areas.

Park/Public Ground: North Lake Park

Brief Site Description:

This is a 60.2-acre community park used primarily for recreation, swimming, picnics, community events, stage productions, and high school athletics. This facility is irrigated with raw water from the Louden Ditch Company. The holding pond that is located near the amphitheater has a 18-acre foot capacity. During the peak of the irrigation season this site requires about 4.5 to 5.0 acre-feet of water per week. A total loss of irrigation would result in excessive turf damage around shelters, the swim beach, recreation areas, event locations and would contribute to unsafe playing conditions on the soccer and baseball fields. Special Note: The School District shares this raw water source with North Lake Park and Benson Park. Any conservation methods would need to be done jointly with the School District in order to achieve the desired results. Please refer to the Benson Park conservation plan for further details relating to that facility.

Conservation Methods:

Tier #1 Conservation:

• Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan.

Tier #2 Conservation:

- Reduce the watering percent on the odd/even controllers by 25%, based on current weather and site considerations, but no more than 75% of normal. Watering days will continue to be odd/even.
- ◆ Turn off all buffalo grass zones

Tier#3 Conservation:

◆ Reduce the watering schedule to three days on lower use areas (controllers Ab, B, E, F, G, H, and L) from the normal odd/even cycle and water up to 50% of normal based on current weather and site considerations. Watering days on low use areas will be Sunday, Tuesday, and Friday. On high use areas including athletic fields and shelter areas change the odd/even schedule to four days per week (controllers A, D, I, J, K, and M) and water up to 70% of normal based on current weather and site considerations. Watering days on high use areas will be Saturday, Monday, Wednesday, and Thursday.

- ♦ Turn off all buffalo grass zones
- ◆ Turn off all half-head irrigation zones in non-recreational/low use areas and add savings to high use areas as needed.

Tier#4 Conservation:

- ♦ Reduce the watering schedule to two days on lower use areas (controllers Ab, B, E, F, G, H, and L) from the normal odd/even cycle and water up to 50% of normal based on current weather and site considerations. Watering days on low use areas will be Sunday and Friday. On high use areas including athletic fields and shelter areas change the odd/even schedule to two days per week (controllers A, D, I, J, K, and M) and water up to 60% of normal based on current weather and site considerations. Watering days on high use areas will be Monday and Thursday.
- ♦ Turn off all half-head irrigation zones in non-recreational/ low use areas and add savings to high use areas as needed.
- ♦ Turn off all buffalo grass zones
- Turn off parking island near the swim beech lot
- ◆ Turn off irrigation on flat area north and east of the tennis courts

Summary:

Conservation methods in tier one would reduce the watering requirements by about 10% and would have no short term landscape impacts. Water conservation methods in tier two would reduce the watering requirements by about 25% and would result in turf loss in low use areas and increased field wear. Tier three would reduce the watering requirements by about 50% and would result in turf and tree loss in low use areas and potential field failures in athletic and shelter areas. Tier three may require the closure of some or all athletic fields after one year and potentially the cancellation of special events or shelter reservations. Tier four would reduce the watering requirements by about 75% and would result in large scale turf and tree loss in low use areas and field failures in athletic and shelter areas. Tier four would require the immediate closure of all athletic fields, and the cancellation of shelter reservations and special events.

Park/Public Ground: Centennial Park

Brief Site Description:

This is a 35-acre community park used primarily for picnics, and baseball. This facility is irrigated with raw water from the Big Thompson Ditch Company. The holding pond that is located on the south side of First Street has a 30-acre foot capacity. During the peak of the irrigation season this site requires about 1.75 to 2.0 acre feet of water per week. A total loss of irrigation would result in excessive turf damage in the ball fields and around the playground. This would contribute to unsafe playing conditions on the baseball fields.

Conservation Methods:

Tier #1 Conservation:

• Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan.

Tier #2 Conservation:

♦ Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

Tier#3 Conservation:

- ♦ Reduce the watering schedule to three days from the normal four day cycle on zones that impact ball fields. Set the water budget on field zones at 75% of normal or less based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday on the athletic field zones.
- ◆ Turn off two days on <u>all</u> non-athletic field area irrigation zones from the normal four day schedule. Athletic areas include all ball fields. Reduce the percent on these zones to 75% or less based on current weather and site considerations. Watering days will be Tuesday and Thursday

Tier#4 Conservation:

♦ Reduce the watering schedule to two days from the normal four-day cycle on zones that impact ball fields. Set the water budget on athletic field zones at 75% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

- Turn off all half head zones in non-recreational areas.
- ◆ Turn off three days on <u>all</u> non-athletic field area irrigation zones from the normal four-day schedule. Athletic areas include ball fields only. Reduce the percent on these zones to 75% or less based on current weather and site considerations. Watering day will be Monday.

Summary:

Conservation methods in tier one would reduce the watering requirements by about 10% and would have no short term landscape impacts. Water conservation methods in tier two would reduce the watering requirements by about 25% and would result in turf loss in low use areas and increased field wear. Tier three would reduce the watering requirements by about 50% and would result in turf and tree loss in low use areas and potential field failures in high use areas. Tier three may require the closure of some or all athletic fields after one year. Tier four would reduce the watering requirements by about 75% and would result in large scale turf and tree loss in low use areas and field failures in high use areas. Tier four would require the immediate closure of all athletic fields/high use areas.

Park/Public Ground: Barnes Park

Brief Site Description:

This is a 24-acre community park used primarily for baseball. This facility is irrigated with raw water from the Farmers Ditch Company. The holding pond that is located in the southeast corner of the park has a 1-acre foot capacity. This holding pond also receives some of its water through ground water infiltration in wet years and can loses water due to groundwater outflow in dry years. During the peak of the irrigation season this site requires about 1.5 to 2.0 acre feet of water per week depending on ground water levels at the holding pond. A total loss of irrigation would result in excessive turf damage in the ball fields and around the playground. This would contribute to unsafe playing conditions on the baseball fields.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

• Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

Tier#3 Conservation:

- ♦ Reduce the watering schedule to three days from the normal four day cycle on zones that impact ball fields. Set the water budget on field zones at 75% of normal or less based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday on the athletic field zones.
- ♦ Turn off two days on <u>all</u> non-athletic field area irrigation zones from the normal four day schedule. Athletic areas include all ball fields. Reduce the percent on these zones to 75% or less based on current weather and site considerations. Watering days will be Monday and Thursday
- ◆ Turn off all non-recreational area half head zones. Recreational areas include ball fields only.

- ♦ Reduce the watering schedule to two days from the normal four-day cycle on zones that impact ball fields. Set the water budget on athletic field zones at 75% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.
- Turn off all half head zones in non-recreational areas.
- ◆ Turn off three days on <u>all</u> non-athletic field area irrigation zones from the normal four-day schedule. Athletic areas include ball fields only. Reduce the percent on these zones to 75% or less based on current weather and site considerations. Watering day will be Monday.

Summary:

Conservation methods in tier one would reduce the watering requirements by about 10% and would have no short term landscape impacts. Water conservation methods in tier two would reduce the watering requirements by about 25% and would result in turf loss in low use areas and increased field wear. Tier three would reduce the watering requirements by about 50% and would result in turf and tree loss in low use areas and potential field failures in high use areas. Tier three may require the closure of some or all athletic fields after one year. Tier four would reduce the watering requirements by about 75% and would result in large scale turf and tree loss in low use areas and field failures in high use areas. Tier four would require the immediate closure of all athletic fields/high use areas.

Park/Public Ground: Loch Lon Park

Brief Site Description:

This is a 10.7 acre neighborhood park used for general recreation and soccer. This facility is irrigated with domestic water. During the peak of the irrigation season this site requires about 410,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in excessive turf damage in the soccer fields and around the playground. This would contribute to unsafe playing conditions.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

• Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

- ♦ Reduce the watering schedule to three days from the normal four day cycle on zones that impact soccer fields. Set the water budget on field zones at 75% of normal or less based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday on the athletic field zones.
- ♦ Turn off two days on <u>all</u> non-athletic field area irrigation zones from the normal four day schedule. Athletic areas include all soccer fields. Reduce the percent on these zones to 75% or less based on current weather and site considerations. Watering days will be Monday and Thursday
- ◆ Turn off all non-recreational area half head zones. Recreational areas include soccer fields only.

- Reduce the watering schedule to two days from the normal four-day cycle on zones that impact soccer fields. Set the water budget on athletic field zones at 75% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.
- Turn off all half head zones in non-recreational areas.
- ♦ Turn off three days on <u>all</u> non-athletic field area irrigation zones from the normal four-day schedule. Athletic areas include soccer fields only. Reduce the percent on these zones to 75% or less based on current weather and site considerations. Watering day will be Monday.

Summary:

Conservation methods in tier one would reduce the watering requirements by about 10% and would have no short term landscape impacts. Water conservation methods in tier two would reduce the watering requirements by about 25% and would result in turf loss in low use areas and increased field wear. Tier three would reduce the watering requirements by about 50% and would result in turf and tree loss in low use areas and potential field failures in high use areas. Tier three may require the closure of some or all athletic fields after one year. Tier four would reduce the watering requirements by about 75% and would result in large scale turf and tree loss in low use areas and field failures in high use areas. Tier four would require the immediate closure of all athletic fields/high use areas.

Park/Public Ground: Osborn Park/Pool

Brief Site Description:

This is a 13 acre neighborhood park and community pool complex used for soccer, softball and swimming. This facility is irrigated with domestic water. During the peak of the irrigation season this site requires about 326,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in excessive turf damage in the soccer fields and around the pool area. This would contribute to unsafe playing conditions.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

• Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

- Reduce the watering schedule to three days from the normal four day cycle on zones that impact the soccer field and zones inside the pool area when the pool is open. Set the water budget on field zones at 75% and pool zones to 60% of normal or less based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday on the athletic field zones.
- ◆ Turn off two days on <u>all</u> non-athletic field area irrigation zones including the pool area during the months the pool is not open from the normal four day schedule. Athletic areas include all soccer fields. Reduce the percent on these zones to 65% or less based on current weather and site considerations. Watering days will be Monday and Thursday
- ◆ Turn off all non-recreational area half head zones unless the zone is sole source for a specific area. Recreational areas include soccer field and zones inside the pool fence only.

- ♦ Reduce the watering schedule to two days from the normal four-day cycle on zones that impact soccer fields. Set the water budget on the soccer field zones at 75% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.
- ♦ Turn off all half head zones in non-recreational areas.
- ◆ Turn off three days on <u>all</u> non-athletic field area irrigation zones including the pool area from the normal four-day schedule. Athletic areas include soccer fields only. Reduce the percent on these zones to 75% or less based on current weather and site considerations. Watering day will be Monday.

Summary:

Conservation methods in tier one would reduce the watering requirements by about 10% and would have no short term landscape impacts. Water conservation methods in tier two would reduce the watering requirements by about 25% and would result in turf loss in low use areas and increased field wear. Tier three would reduce the watering requirements by about 50% and would result in turf and tree loss in low use areas and potential field failures in high use areas. Tier three may require the closure of some or all athletic fields after one year. Tier four would reduce the watering requirements by about 75% and would result in large scale turf and tree loss in low use areas and field failures in high use areas. Tier four would require the immediate closure of all athletic fields/high use areas including the pool.

Park/Public Ground: Seven Lakes Park

Brief Site Description:

This is a 10.2 acre neighborhood park used for soccer and picnics. This facility is irrigated with raw water from the Seven Lakes Reservoir Company. This water reservoir is used jointly by the Upper and Lower Hoffman Lake property owners, Mckee Hospital and McKee/Seven Lakes Parks. Refer to the McKee Park conservation plan for further information. In the case of a raw water shortage McKee hospital will convert to a private domestic watering source. During the peak of the irrigation season this site requires about 1.25 acre-feet of water per week depending on evapotransporation rates. A total loss of irrigation would result in excessive turf damage in the soccer fields and around the playground. This would contribute to unsafe playing conditions.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

• Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

- Reduce the watering schedule to three days from the normal four day cycle on zones that impact the soccer field. Set the water budget on field zones at 75% of normal or less based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday on the athletic field zones.
- ♦ Turn off two days on <u>all</u> non-athletic field area irrigation zones from the normal four day schedule. Athletic areas include the soccer field only. Reduce the percent on these zones to 75% or less based on current weather and site considerations. Watering days will be Monday and Thursday
- ◆ Turn off all non-recreational area half head zones unless a zone is sole source for a specific area. Recreational areas include soccer fields only.

- Reduce the watering schedule to two days from the normal four-day cycle on zones that impact the soccer field. Set the water budget on athletic field zones at 75% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.
- Turn off all half head zones in non-recreational areas.
- ♦ Turn off three days on <u>all</u> non-athletic field area irrigation zones from the normal four-day schedule. Athletic areas include the soccer field only. Reduce the percent on these zones to 75% or less based on current weather and site considerations. Watering day will be Monday.

Summary:

Conservation methods in tier one would reduce the watering requirements by about 10% and would have no short term landscape impacts. Water conservation methods in tier two would reduce the watering requirements by about 25% and would result in turf loss in low use areas and increased field wear. Tier three would reduce the watering requirements by about 50% and would result in turf and tree loss in low use areas and potential field failures in high use areas. Tier three may require the closure of some or all athletic fields after one year. Tier four would reduce the watering requirements by about 75% and would result in large scale turf and tree loss in low use areas and field failures in high use areas. Tier four would require the immediate closure of all athletic fields/high use areas.

Park/Public Ground: <u>Dwayne Webster Park</u>

Brief Site Description:

This is a 5.4 acre neighborhood park used for picnics and family recreation. This facility is irrigated with domestic water. During the peak of the irrigation season this site requires about 430,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in excessive turf damage in around the playground and shelter areas. This would contribute to unsafe playing conditions.

Conservation Methods:

Tier #1 Conservation:

• Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan.

Tier #2 Conservation:

♦ Reduce the watering percent on the odd/even controllers by 25%, based on current weather and site considerations, but no more than 75% of normal. Watering days will continue to be odd/even.

- ♦ Reduce the watering schedule from the normal odd/even schedule to a three day schedule. Implement the emergency micro management watering schedule to accommodate all zones watering in a single night. This will automatically cut 25% off the normal run times per zone on average. Set the water budget on this reduced schedule to 100% or less based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.
- ◆ Turn off all non-recreational area half head zones unless a zone is sole source for a specific area. Recreational areas include shelter areas only.

- ♦ Reduce the watering schedule from the normal odd/even schedule to a two day schedule. Implement the emergency micro management watering schedule to accommodate all zones watering in a single night. This will automatically cut 25% off the normal run times per zone on average. Set the water budget on this reduced schedule to 75% or less based on current weather and site considerations. Watering days will be Monday and Friday.
- ◆ Turn off all non-recreational area half head zones unless a zone is sole source for a specific area. Recreational areas include shelter areas only.

Summary:

Conservation methods in tier one would reduce the watering requirements by about 10% and would have no short term landscape impacts. Water conservation methods in tier two would reduce the watering requirements by about 25% and would result in turf loss in low use areas and increased field wear. Tier three would reduce the watering requirements by about 50% and would result in turf and tree loss in low use areas and potential field failures in high use areas. Tier three may require the closure of some or all athletic fields after one year. Tier four would reduce the watering requirements by about 75% and would result in large scale turf and tree loss in low use areas and field failures in high use areas. Tier four would require the immediate closure of all athletic fields/high use areas.

Park/Public Ground: South Shore Scenic Way

Brief Site Description:

This is a 5.3 acre scenic walkway along Lake Loveland. This facility is irrigated with domestic water. During the peak of the irrigation season this site requires about 138,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in excessive turf damage around the parking lots and poor aesthetics along highway 34.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

♦ Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

Tier#3 Conservation:

• Reduce the watering schedule to three days from the normal four day cycle on all zones. Set the water budget to 67% of normal or less based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

Tier #4 Conservation:

• Reduce the watering schedule to two days from the normal four-day cycle on all zones. Set the water budget to 50% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

Summary:

Conservation methods in tier one would reduce the watering requirements by about 10% and would have no short term landscape impacts. Water conservation methods in tier two would reduce the watering requirements by about 25% and would result in turf loss in low use areas and increased wear in high use areas near the parking lots. Tier three would reduce the watering requirements by about 50% and would result in turf and tree loss in all areas. Tier four would reduce the watering requirements by about 75% and would result in large scale turf and tree loss in all areas. Tier four would require a consideration to be made regarding the potential impacts of the Fourth of July celebration.

Park/Public Ground: Benson Park

Brief Site Description:

This is a 13.5 acre sculpture park. This facility is irrigated with raw water from the Louden Ditch Company. The pumping station is located on the holding pond in North Lake Park. This holding pond is used jointly by the RJ2 School District for Loveland High School and by North Lake/Benson Parks. During the peak of the irrigation season this site requires about 1.25 acre-feet of water per week depending on evapotransporation rates. A total loss of irrigation would result in poor aesthetics quality of the park and possible turf damage during major events. Please refer to the North Lake Park conservation plan for further details.

Conservation Methods:

Tier #1 Conservation:

• Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan.

Tier #2 Conservation:

• Reduce the watering percent on the odd/even controllers by 25%, based on current weather and site considerations, but no more than 75% of normal. Watering days will continue to be odd/even.

- ◆ Reduce the watering schedule to three days on lower use areas (controllers C and D) from the normal odd/even cycle and water up to 50% of normal based on current weather and site considerations. Watering days on low use areas will be Sunday, Tuesday, and Friday. On high use areas including the sculpture show section and the pavilion area change the odd/even schedule to four days per week (controllers A, B, and E) and water up to 60% of normal based on current weather and site considerations. Watering days on high use areas will be Saturday, Monday, Wednesday, and Thursday.
- ◆ Turn off all half-head irrigation zones in low use areas to provide water savings needed for the high use areas.

- ♦ Reduce the watering schedule to two days on lower use areas (controllers C and D) from the normal odd/even cycle and water up to 50% of normal based on current weather and site considerations. Watering days on low use areas will be Tuesday and Friday. On high use areas including the sculpture show area and pavilion change the odd/even schedule to two days per week (controllers A, B, and E) and water up to 60% of normal based on current weather and site considerations. Watering days on high use areas will be Monday and Thursday.
- ◆ Turn off all half-head irrigation zones in low use areas (all areas north of the pavilion and all zones along the ponds) this will provide savings for the high use areas as needed.

Summary:

Conservation methods in tier one would reduce the watering requirements by about 10% and would have no short term landscape impacts. Water conservation methods in tier two would reduce the watering requirements by about 25% and would result in turf loss in low use areas and increased turf loss near high traffic areas. Tier three would reduce the watering requirements by about 50% and would result in turf and tree loss in low use areas and potential turf failures in the sculpture show areas. Tier three may require the potential cancellation of special events such as the sculpture show. Tier four would reduce the watering requirements by about 75% and would result in large scale turf and tree loss in all areas. Tier four would require the immediate cancellation of the sculpture show and other special events.

Park/Public Ground: Sunnyside Park

Brief Site Description:

This is a 3.6 acre neighborhood park used for general recreation and soccer. This facility is irrigated with well water. During the peak of the irrigation season this site requires about 125,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in excessive turf damage in the soccer fields. This would contribute to unsafe playing conditions.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

• Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

- Reduce the watering schedule to three days from the normal four day cycle on zones that impact the soccer field. Set the water budget on field zones at 60% of normal or less based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday on the soccer field zones.
- ◆ Turn off two days on <u>all</u> non-soccer field area irrigation zones from the normal four day schedule. Reduce the percent on these zones to 50% or less based on current weather and site considerations. Watering days will be Monday and Thursday
- ♦ Turn off all non-recreational area half head zones that are not sole source for a specific area. Recreational areas include soccer fields only.

- Reduce the watering schedule to two days from the normal four-day cycle on zones that impact soccer fields. Set the water budget on athletic field zones at 55% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.
- ♦ Turn off all half head zones in non-recreational areas.
- ♦ Turn off three days on <u>all</u> non-athletic field area irrigation zones from the normal four-day schedule. Athletic areas include soccer fields only. Reduce the percent on these zones to 75% or less based on current weather and site considerations. Watering day will be Monday.

Summary:

Conservation methods in tier one would reduce the watering requirements by about 10% and would have no short term landscape impacts. Water conservation methods in tier two would reduce the watering requirements by about 25% and would result in turf loss in low use areas and increased field wear. Tier three would reduce the watering requirements by about 50% and would result in turf and tree loss in low use areas and potential field failures in high use areas. Tier three may require the closure of the soccer field area after one year. Tier four would reduce the watering requirements by about 75% and would result in large scale turf and tree loss in low use areas and field failures in high use areas. Tier four would require the immediate closure of all athletic fields/high use areas.

Park/Public Ground: Junior Achievement Park

Brief Site Description:

This is a 1.5 acre neighborhood park used for general recreation and skate boarding. This facility is irrigated with domestic water. During the peak of the irrigation season this site requires about 60,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in excessive turf damage in the soccer/ball fields. This would contribute to unsafe playing conditions.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

♦ Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

- ♦ Reduce the watering schedule to three days from the normal four day cycle on zones that impact the athletic field area. Set the water budget on field zones at 60% of normal or less based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday on the field zones.
- ◆ Turn off two days on <u>all</u> non-athletic field area irrigation zones from the normal four day schedule. Reduce the percent on these zones to 50% or less based on current weather and site considerations. Watering days will be Monday and Thursday
- Turn off all non-recreational area half head zones that are not sole source for a specific area. Recreational areas include flat open area on the south side only.

- Reduce the watering schedule to two days from the normal four-day cycle on zones that impact athletic field. Set the water budget on athletic field zones at 55% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.
- Turn off all half head zones in non-recreational areas.
- ♦ Turn off three days on <u>all</u> non-athletic field area irrigation zones from the normal four-day schedule. Athletic areas include soccer fields only. Reduce the percent on these zones to 65% or less based on current weather and site considerations. Watering day will be Monday.

Summary:

Conservation methods in tier one would reduce the watering requirements by about 10% and would have no short term landscape impacts. Water conservation methods in tier two would reduce the watering requirements by about 25% and would result in turf loss in low use areas and increased field wear. Tier three would reduce the watering requirements by about 50% and would result in turf and tree loss in low use areas and potential field failures in high use areas. Tier three may require the closure of the athletic field area after one year. Tier four would reduce the watering requirements by about 75% and would result in large scale turf and tree loss in low use areas and field failures in high use areas. Tier four would require the immediate closure of all athletic fields/high use areas.

Park/Public Ground: Woodmere Park

Brief Site Description:

This is a 4.0 acre neighborhood park used for family and general recreation. This facility is irrigated with domestic water. During the peak of the irrigation season this site requires about 140,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in excessive turf damage in the soccer/ball field. This would contribute to unsafe playing conditions.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

• Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

- Reduce the watering schedule to three days from the normal four day cycle on zones that impact the ball field and playground area. Set the water budget on field zones at 70% of normal or less based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday on the field zones.
- ◆ Turn off two days on <u>all</u> low use area irrigation zones from the normal four day schedule. Reduce the percent on these zones to 50% or less based on current weather and site considerations. Watering days will be Monday and Thursday
- Turn off all half head zones not affecting the playground or ball field and are not sole source for a specific area.

- Reduce the watering schedule to two days from the normal four-day cycle on zones in areas that impact the athletic field and playground area. Set the water budget on athletic field zones at 55% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.
- ♦ Turn off all half head zones in low use areas.
- ◆ Turn off three days on <u>all</u> low use area irrigation zones from the normal four-day schedule. Low use areas include the west end between the fence and the sidewalk and the entrance to the park from the south. Reduce the percent on these zones to 60% or less based on current weather and site considerations. Watering day will be Monday.

Summary:

Conservation methods in tier one would reduce the watering requirements by about 10% and would have no short term landscape impacts. Water conservation methods in tier two would reduce the watering requirements by about 25% and would result in turf loss in low use areas and increased field wear. Tier three would reduce the watering requirements by about 50% and would result in turf and tree loss in low use areas and potential field failures in high use areas. Tier four would reduce the watering requirements by about 75% and would result in large scale turf and tree loss in all areas. Tier four would pose potential safety concerns due to compaction and loss of turf.

Park/Public Ground: Eagleview Park

Brief Site Description:

This is a 12.0 acre neighborhood park (8.0 irrigated) used for family and general recreation. This facility is irrigated with domestic water. During the peak of the irrigation season this site requires about 280,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in excessive turf damage in the soccer/ball field. This would contribute to unsafe playing conditions.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

• Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

- Reduce the watering schedule to three days from the normal four day cycle on zones that impact the ball field and playground area. Set the water budget on field zones at 70% of normal or less based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday on the field zones.
- ◆ Turn off two days on <u>all</u> low use area irrigation zones from the normal four day schedule. Reduce the percent on these zones to 50% or less based on current weather and site considerations. Watering days will be Monday and Thursday
- ♦ Turn off all half head zones not affecting the playground or ball field and are not sole source for a specific area.

- Reduce the watering schedule to two days from the normal four-day cycle on zones in areas that impact the athletic field and playground area. Set the water budget on athletic field zones at 55% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.
- ♦ Turn off all half head zones in low use areas.
- ◆ Turn off three days on <u>all</u> low use area irrigation zones from the normal four-day schedule. Low use areas include the west end between the soccer field and Lincoln Ave, the area adjacent to the west fence line just north of the church parking and the sledding hill. Reduce the percent on these zones to 60% or less based on current weather and site considerations. Watering day will be Monday.

Summary:

Conservation methods in tier one would reduce the watering requirements by about 10% and would have no short term landscape impacts. Water conservation methods in tier two would reduce the watering requirements by about 25% and would result in turf loss in low use areas and increased field wear. Tier three would reduce the watering requirements by about 50% and would result in turf and tree loss in low use areas and potential field failures in high use areas. Tier four would reduce the watering requirements by about 75% and would result in large scale turf and tree loss in all areas. Tier four would pose potential safety concerns due to compaction and loss of turf.

Park/Public Ground: Sherri-Mar Park

Brief Site Description:

This is a 2.7 acre neighborhood park used for family and general recreation. This facility is irrigated with domestic water. During the peak of the irrigation season this site requires about 110,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in excessive turf damage in the soccer/playing areas. This would contribute to unsafe playing conditions.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

♦ Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

- Reduce the watering schedule to three days from the normal four day cycle on zones that impact the playing field and playground area. Set the water budget on field zones at 60% of normal or less based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday on the field zones.
- ◆ Turn off two days on <u>all</u> low use area irrigation zones from the normal four day schedule. Reduce the percent on these zones to 50% or less based on current weather and site considerations. Watering days will be Monday and Thursday
- Turn off all half head zones not affecting the playground or playing field and are not sole source for a specific area.

- Reduce the watering schedule to two days from the normal four-day cycle on zones in areas that impact the playing field and playground area. Set the water budget on athletic field zones at 55% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.
- Turn off <u>all</u> half head zones that are not sole source for a specific area.
- ♦ Turn off three days on <u>all</u> low use area irrigation zones from the normal four-day schedule. Low use areas include the north third of the park. Reduce the percent on these zones to 60% or less based on current weather and site considerations. Watering day will be Monday.

Summary:

Conservation methods in tier one would reduce the watering requirements by about 10% and would have no short term landscape impacts. Water conservation methods in tier two would reduce the watering requirements by about 25% and would result in turf loss in low use areas and increased field wear. Tier three would reduce the watering requirements by about 50% and would result in turf and tree loss in low use areas and potential field failures in high use areas. Tier four would reduce the watering requirements by about 75% and would result in large scale turf and tree loss in all areas. Tier four would pose potential safety concerns due to compaction and loss of turf.

Park/Public Ground: Edmondson Park

Brief Site Description:

This is a 2.61 acre neighborhood park used for family and general recreation. This facility is irrigated with domestic water. During the peak of the irrigation season this site requires about 106,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in excessive turf damage around the playground and general recreational areas. This would contribute to unsafe playing conditions.

Conservation Methods:

Tier #1 Conservation:

• Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

♦ Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

Tier#3 Conservation:

• Reduce the watering schedule to two days from the normal four day cycle on all zones. Set the water budget on all zones at 100% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

- ♦ Reduce the watering schedule to two days from the normal four-day cycle on zones in areas that impact the playing field and playground area. Set the water budget on the field and playground zones at 55% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.
- Turn off all half head zones that are not sole source for a specific area.
- ◆ Turn off three days on <u>all</u> low use area irrigation zones from the normal four-day schedule. Low use areas include the area east of the tennis court. Reduce the percent on these zones to 60% or less based on current weather and site considerations. Watering day will be Monday.

Summary:

Conservation methods in tier one would reduce the watering requirements by about 10% and would have no short term landscape impacts. Water conservation methods in tier two would reduce the watering requirements by about 25% and would result in turf loss in low use areas and increased field wear. Tier three would reduce the watering requirements by about 50% and would result in turf and tree loss in all areas and potential complete field failures in high use areas. Tier four would reduce the watering requirements by about 75% and would result in large scale turf and tree loss in all areas. Tier four would pose potential safety concerns due to compaction and loss of turf.

Park/Public Ground: Silver Glen Park

Brief Site Description:

This is a 3.88 acre neighborhood park used for family and general recreation. This facility is irrigated with domestic water. During the peak of the irrigation season this site requires about 157,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in excessive turf damage around the playground and general recreational areas. This would contribute to unsafe playing conditions.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

• Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

Tier#3 Conservation:

• Reduce the watering schedule to two days from the normal four day cycle on all zones. Set the water budget on all zones at 100% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

- Reduce the watering schedule to two days from the normal four-day cycle on zones in areas that impact the playing field and playground area. Set the water budget on the field and playground zones at 55% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.
- Turn off <u>all</u> half head zones that are not sole source for a specific area.
- ◆ Turn off three days on <u>all</u> low use area irrigation zones from the normal four-day schedule. Low use areas include the area east of the area between the playground sidewalk and the west fence. Reduce the percent on these zones to 60% or less based on current weather and site considerations. Watering day will be Monday.

Summary:

Conservation methods in tier one would reduce the watering requirements by about 10% and would have no short term landscape impacts. Water conservation methods in tier two would reduce the watering requirements by about 25% and would result in turf loss in low use areas and increased field wear. Tier three would reduce the watering requirements by about 50% and would result in turf and tree loss in all areas and potential complete field failures in high use areas. Tier four would reduce the watering requirements by about 75% and would result in large scale turf and tree loss in all areas. Tier four would pose potential safety concerns due to compaction and loss of turf.

Park/Public Ground: Derby Hill Park

Brief Site Description:

This is a 3.45 acre neighborhood park used for family and general recreation. This facility is irrigated with domestic water. During the peak of the irrigation season this site requires about 120,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in excessive turf damage around the playground and general recreational areas. This would contribute to unsafe playing conditions.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

• Reduce the watering schedule to no more than 75% of the normal odd/even based on current weather and site considerations. Watering days will continue to be odd/even.

Tier#3 Conservation:

Reduce the watering schedule to two days by implementing the revised conservation micro schedule to replace the normal odd/even day cycle on all zones. Set the water budget on all zones on this revised micro schedule to 100% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

- ♦ Reduce the watering schedule to two days by implementing the revised conservation micro schedule to replace the normal odd/even day cycle on all zones. Set the water budget on all zones on this revised micro schedule to 55% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.
- Turn off <u>all</u> half head zones that are not sole source for a specific area.
- ◆ Turn off three days on <u>all</u> low use area irrigation zones from the normal four-day schedule. Low use areas include the area south east of the playground and the entrance area off Eugene. Reduce the percent on these zones to 60% or less based on current weather and site considerations. Watering day will be Monday.

Summary:

Conservation methods in tier one would reduce the watering requirements by about 10% and would have no short term landscape impacts. Water conservation methods in tier two would reduce the watering requirements by about 25% and would result in turf loss in low use areas and increased field wear. Tier three would reduce the watering requirements by about 50% and would result in turf and tree loss in all areas and potential complete field failures in high use areas. Tier four would reduce the watering requirements by about 75% and would result in large scale turf and tree loss in all areas. Tier four would pose potential safety concerns due to compaction and loss of turf.

Park/Public Ground: Namaqua Park

Brief Site Description:

This is a 4.0 acre neighborhood park used for picnics and general family recreation. This facility is irrigated with domestic water. During the peak of the irrigation season this site requires about 125,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in excessive turf damage around the playground and general recreational areas. This would contribute to unsafe playing conditions.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

• Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

Tier#3 Conservation:

• Reduce the watering schedule to two days from the normal four day cycle on all zones. Set the water budget on all zones at 100% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

- ♦ Reduce the watering schedule to two days from the normal four-day cycle on zones in areas that impact the playing field, shelter, and playground area. Set the water budget on the field, shelter and playground zones at 55% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.
- Turn off <u>all</u> half head zones that are not sole source for a specific area.
- ◆ Turn off three days on <u>all</u> low use area irrigation zones from the normal four-day schedule. Low use areas include the eastern third of the park. Reduce the percent on these zones to 60% or less based on current weather and site considerations. Watering day will be Monday.

Summary:

Conservation methods in tier one would reduce the watering requirements by about 10% and would have no short term landscape impacts. Water conservation methods in tier two would reduce the watering requirements by about 25% and would result in turf loss in low use areas and increased field wear. Tier three would reduce the watering requirements by about 50% and would result in turf and tree loss in all areas and potential complete field failures in high use areas. Tier four would reduce the watering requirements by about 75% and would result in large scale turf and tree loss in all areas. Tier four would pose potential safety concerns due to compaction and loss of turf.

Park/Public Ground: Mckee Park

Brief Site Description:

This is a 3.8 acre neighborhood park used for general family recreation and picnics. This facility is irrigated with raw water from the Seven Lakes Reservoir Company. This is a shared reservoir with the Upper and Lower Hoffman Lake property owners and McKee Hospital. Refer to the Seven Lakes Park conservation plan for further details. During the peak of the irrigation season this site requires about 0.50 acre-feet of water per week depending on evapotransporation rates. A total loss of irrigation would result in excessive turf damage in the soccer/ ball fields and around the playground. This would contribute to unsafe playing conditions.

Conservation Methods:

Tier #1 Conservation:

• Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

• Reduce the watering schedule to no more than 75% of the normal odd/even based on current weather and site considerations. Watering days will continue to be odd/even.

Tier#3 Conservation:

Reduce the watering schedule to two days by implementing the revised conservation micro schedule to replace the normal odd/even day cycle on all zones. Set the water budget on all zones on this revised micro schedule to 100% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

- Reduce the watering schedule to two days by implementing the revised conservation micro schedule to replace the normal odd/even day cycle on all zones. Set the water budget on all zones on this revised micro schedule to 55% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.
- ◆ Turn off <u>all</u> half head zones that are not sole source for a specific area or around the playground.

Summary:

Conservation methods in tier one would reduce the watering requirements by about 10% and would have no short term landscape impacts. Water conservation methods in tier two would reduce the watering requirements by about 25% and would result in turf loss in low use areas and increased field wear. Tier three would reduce the watering requirements by about 50% and would result in turf and tree loss in all areas and potential complete field failures in high use areas. Tier four would reduce the watering requirements by about 75% and would result in large scale turf and tree loss in all areas. Tier four would pose potential safety concerns due to compaction and loss of turf.

Park/Public Ground: Estrella Park

Brief Site Description:

This is a 1.3 acre neighborhood park used for picnics and general family recreation. This facility is irrigated with domestic water. During the peak of the irrigation season this site requires about 53,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in excessive turf damage around the playground and general recreational areas. This would contribute to unsafe playing conditions.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

• Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

Tier#3 Conservation:

• Reduce the watering schedule to two days from the normal four day cycle on all zones. Set the water budget on all zones at 100% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

- Reduce the watering schedule to two days from the normal four-day cycle on zones in areas that impact the playing field, shelter, and playground area. Set the water budget on the field, shelter and playground zones at 55% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.
- ◆ Turn off <u>all</u> half head zones that are not sole source for a specific area or the playground.

Summary:

Conservation methods in tier one would reduce the watering requirements by about 10% and would have no short term landscape impacts. Water conservation methods in tier two would reduce the watering requirements by about 25% and would result in turf loss in low use areas and increased field wear. Tier three would reduce the watering requirements by about 50% and would result in turf and tree loss in all areas and potential complete field failures in high use areas. Tier four would reduce the watering requirements by about 75% and would result in large scale turf and tree loss in all areas. Tier four would pose potential safety concerns due to compaction and loss of turf.

Park/Public Ground: Westside Park

Brief Site Description:

This is a 1.4 acre neighborhood park used for picnics and general family recreation. This facility is irrigated with domestic water. During the peak of the irrigation season this site requires about 57,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in excessive turf damage around the playground and general recreational areas. This would contribute to unsafe playing conditions.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

• Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

Tier#3 Conservation:

Reduce the watering schedule to two days from the normal four day cycle on all zones. Set the water budget on all zones at 100% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

Tier #4 Conservation:

Reduce the watering schedule to two days from the normal four-day cycle on all zones. Set the water budget at 50% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

Park/Public Ground: Kirkview Park

Brief Site Description:

This is a 1.6 acre neighborhood park used for picnics and general family recreation. This facility is irrigated with domestic water. During the peak of the irrigation season this site requires about 66,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in excessive turf damage around the playground and general recreational areas. This would contribute to unsafe playing conditions.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

• Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

Tier#3 Conservation:

Reduce the watering schedule to two days from the normal four day cycle on all zones. Set the water budget on all zones at 100% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

Tier #4 Conservation:

Park/Public Ground: Silver Lake Park

Brief Site Description:

This is a 5.0 acre neighborhood park used for picnics and general family recreation. This facility is irrigated with domestic water. During the peak of the irrigation season this site requires about 204,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in excessive turf damage around the playground and general recreational areas. This would contribute to unsafe playing conditions.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

♦ Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

Tier#3 Conservation:

Reduce the watering schedule to two days from the normal four day cycle on all zones. Set the water budget on all zones at 100% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

Tier #4 Conservation:

Park/Public Ground: Loch Mount Park

Brief Site Description:

This is a 0.9 acre neighborhood park used for general family recreation. This facility is irrigated with domestic water. During the peak of the irrigation season this site requires about 37,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in poor aesthetics.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

♦ Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

Tier#3 Conservation:

Reduce the watering schedule to two days from the normal four day cycle on all zones. Set the water budget on all zones at 100% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

Tier #4 Conservation:

Park/Public Ground: Civic Center

Brief Site Description:

This is a 7.66 acre public ground facility that is the site of the City of Loveland municipal building, library and recreation/senior center. This facility is irrigated with well water. During the peak of the irrigation season this site requires about 275,000 gallons of water per week plus varying amounts of water to refill the Foote Lagoon depending on evapotransporation rates. A total loss of irrigation would result in poor aesthetics.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

• Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

Tier#3 Conservation:

Tier #4 Conservation:

- Reduce the watering schedule to two days from the normal four-day cycle on zones in all areas. Set the water budget at 55% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.
- ◆ Turn off <u>all</u> half head zones in low use areas that are not sole source for a specific site.
- ◆ Turn off three days on <u>all</u> low use area irrigation zones from the normal four-day schedule. Low use areas include the area between the Senior Housing and the Chilson Center, the area west of the Library, and the areas south of the south parking lot. Reduce the percent on these zones to 60% or less based on current weather and site considerations. Watering day will be Monday

Summary:

Park/Public Ground: McWhinney Hahn Visitor Center

Brief Site Description:

This is a 4.2 acre public ground facility that is the site of the City of Loveland Chamber of Commerce and Visitor Center. This facility is irrigated with domestic water. During the peak of the irrigation season this site requires about 175,000 gallons of water per week plus varying amounts of water to refill the sculpture pond depending on evapotransporation rates. A total loss of irrigation would result in poor aesthetics.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

• Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

Tier#3 Conservation:

Reduce the watering schedule to two days from the normal four day cycle on all zones. Set the water budget on all zones at 100% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

Tier #4 Conservation:

Park/Public Ground: Police and Courts Center

Brief Site Description:

This is a 2.1 acre (irrigated) public ground facility that is the site of the City of Loveland Justice Center and Police Department. This facility is irrigated with domestic water. During the peak of the irrigation season this site requires about 72,500 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in poor aesthetics.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

♦ Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

Tier#3 Conservation:

Reduce the watering schedule to two days from the normal four day cycle on all zones. Set the water budget on all zones at 100% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

Tier #4 Conservation:

Park/Public Ground: Glen Arbor Parkway

Brief Site Description:

This is a 1.85 acre public ground facility that is primarily a green belt along highway 287. This facility is irrigated with domestic water. During the peak of the irrigation season this site requires about 70,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in poor aesthetics.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

♦ Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

Tier#3 Conservation:

Reduce the watering schedule to two days from the normal four day cycle on all zones. Set the water budget on all zones at 100% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

Tier #4 Conservation:

Park/Public Ground: Service Center

Brief Site Description:

This is a 4.52 acre public ground maintenance facility for public works, water and power, traffic, vehicle maintenance and school district busses. This facility is irrigated with domestic water from two separate taps. One of these water taps also supplies potable water to the warehouse. During the peak of the irrigation season this site requires about 185,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in poor aesthetics.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

• Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

Tier#3 Conservation:

Reduce the watering schedule to two days from the normal four day cycle on all zones. Set the water budget on all zones at 100% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

Tier #4 Conservation:

Reduce the watering schedule to two days from the normal four-day cycle on all zones. Set the water budget at 55% of normal or less based on current weather and site considerations. Turn off all zones south of the administration building in the flat area (golf course). Watering days will be Monday and Thursday.

Park/Public Ground: Fire Station #1

Brief Site Description:

This is a 0.2 acre fire station. This facility is irrigated with domestic water from the service tap for the entire building including potable water for the station. During the peak of the irrigation season this site requires about 6,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in poor aesthetics.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

♦ Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

Tier#3 Conservation:

Reduce the watering schedule to two days from the normal four day cycle on all zones. Set the water budget on all zones at 100% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

Tier #4 Conservation:

Park/Public Ground: Fire Station #2

Brief Site Description:

This is a 0.60 acre fire station. This facility is irrigated with domestic water from the service tap for the entire building including potable water for the station. During the peak of the irrigation season this site requires about 24,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in poor aesthetics.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

♦ Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

Tier#3 Conservation:

Reduce the watering schedule to two days from the normal four day cycle on all zones. Set the water budget on all zones at 100% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

Tier #4 Conservation:

Park/Public Ground: Fire Station #3

Brief Site Description:

This is a 0.67 acre fire station. This facility is irrigated with domestic water from the service tap for the entire building including potable water for the station. During the peak of the irrigation season this site requires about 25,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in poor aesthetics.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

♦ Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

Tier#3 Conservation:

Reduce the watering schedule to two days from the normal four day cycle on all zones. Set the water budget on all zones at 100% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

Tier #4 Conservation:

Park/Public Ground: Fire Station #4

Brief Site Description:

This is a 0.65 acre fire station. This facility is irrigated with domestic water from the service tap for the entire building including potable water for the station. During the peak of the irrigation season this site requires about 25,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in poor aesthetics.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

♦ Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

Tier#3 Conservation:

Reduce the watering schedule to two days from the normal four day cycle on all zones. Set the water budget on all zones at 100% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

Tier #4 Conservation:

Park/Public Ground: Fire Station #5

Brief Site Description:

This is a 0.75 acre fire station. This facility is irrigated with domestic water from the service tap for the entire building including potable water for the station. During the peak of the irrigation season this site requires about 30,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in poor aesthetics.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

♦ Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

Tier#3 Conservation:

Reduce the watering schedule to two days from the normal four day cycle on all zones. Set the water budget on all zones at 100% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

Tier #4 Conservation:

Park/Public Ground: Fire Station #6

Brief Site Description:

This is a 1.0 acre (irrigated) fire station. This facility is irrigated with domestic water from the service tap for the entire building including potable water for the station. During the peak of the irrigation season this site requires about 35,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in poor aesthetics.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

♦ Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

Tier#3 Conservation:

Reduce the watering schedule to two days from the normal four day cycle on all zones. Set the water budget on all zones at 100% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

Tier #4 Conservation:

Park/Public Ground: S.W. 14th

Brief Site Description:

This is a 1.06 acre highway median with buffalo grass and junipers. This site is irrigated with domestic water. During the peak of the irrigation season this site requires about 30,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in poor aesthetics.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

♦ Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.

Tier#3 Conservation:

Reduce the watering schedule to two days from the normal four day cycle on all zones. Set the water budget on all zones at 100% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

Tier #4 Conservation:

Park/Public Ground: Xeriscape Garden

Brief Site Description:

This is a 0.75 acre xeriscape demonstration garden with turf and shrub plots. This site is irrigated with domestic water. During the peak of the irrigation season this site requires about 18,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in poor aesthetics.

Conservation Methods:

Tier #1 Conservation:

♦ Reduce the water budget/ times on all irrigation zones by 10% of normal based on current weather and site considerations, but not to exceed 90% of the maximum settings as determined by the micro management plan

Tier #2 Conservation:

- ♦ Reduce the watering schedule to three days from the normal four day cycle and continue to water up to 100% of normal based on current weather and site considerations. Watering days will be Monday, Wednesday, and Friday.
- Reduce the watering schedule on normal three day zones to 75% or less based on current weather and site conditions. Watering days will be set as normal

Tier#3 Conservation:

Reduce the watering schedule to two days from the normal four day cycle on all zones. Set the water budget on all zones at 100% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

 Reduce the watering schedule to two days on normal three day zones and reduce the run time to 75% of normal or less based on current weather and site conditions.
 Watering days will be Monday and Thursday

Tier #4 Conservation:

Reduce the watering schedule to two days from the normal four-day cycle on all zones. Set the water budget at 50% of normal or less based on current weather and site considerations. Watering days will be Monday and Thursday.

♦ Reduce the watering schedule to one day on normal three day zones and set the run time to 100% of normal or less based on current weather and site conditions. Watering days will be Monday and Thursday

Summary:

Park/Public Ground: Park Maintenance Shop

Brief Site Description:

This is a 0.5 acre (landscaped area only) maintenance facility. This site is irrigated with domestic water. During the peak of the irrigation season this site requires about 20,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in poor aesthetics.

Conservation Methods:

Tier #1 Conservation:

• Reduce the water budget/ times on <u>all</u> irrigation zones to a range between zero and 80% of the maximum settings as determined by the micro management plan and weather conditions.

Tier #2 Conservation:

- Reduce the water budget/ times on <u>all</u> irrigation zones to a range between zero and 60% of the maximum settings as determined by the micro management plan and weather conditions.
- ♦ Turn off all drip irrigation.

Tier#3 Conservation:

- ◆ Turn off all drip irrigation zones.
- Reduce the water budget/ times on <u>all</u> remaining irrigation zones to a range between zero and 45% of the maximum settings as determined by the micro management plan and weather conditions.

Summary:

Conservation methods in tier one would reduce the watering requirements by about 20%. Water conservation methods in tier two would reduce the watering requirements by about 40%. Tier three would reduce the watering requirements by about 60%.

Park/Public Ground: Iron Shirt

Brief Site Description:

This is a 0.2 acre highway median. This site is irrigated with domestic water. During the peak of the irrigation season this site requires about 4,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in poor aesthetics.

Conservation Methods:

Tier #1 Conservation:

• Reduce the water budget/ times on <u>all</u> irrigation zones to a range between zero and 75% of the maximum settings as determined by the micro management plan and weather conditions.

Tier #2 Conservation:

- Reduce the water budget/ times on <u>all</u> irrigation zones to a range between zero and 60% of the maximum settings as determined by the micro management plan and weather conditions.
- ♦ Turn off all drip irrigation.

Tier#3 Conservation:

- ◆ Turn off all drip irrigation zones.
- Reduce the water budget/ times on <u>all</u> remaining irrigation zones to a range between zero and 40% of the maximum settings as determined by the micro management plan and weather conditions.

Summary:

Conservation methods in tier one would reduce the watering requirements by about 25%. Water conservation methods in tier two would reduce the watering requirements by about 40%. Tier three would reduce the watering requirements by about 60%.

Park/Public Ground: Museum

Brief Site Description:

This is a 0.03 acre facility with shrub beds only. This site is irrigated with domestic water from the museum building water supply. During the peak of the irrigation season this site requires about 750 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in poor aesthetics.

Conservation Methods:

Tier #1 Conservation:

• Reduce the water budget/ times on <u>all</u> irrigation zones to a range between zero and 75% of the maximum settings as determined by the micro management plan and weather conditions.

Tier #2 Conservation:

• Reduce the water budget/ times on <u>all</u> irrigation zones to a range between zero and 50% of the maximum settings as determined by the micro management plan and weather conditions.

Tier#3 Conservation:

• Reduce the water budget/ times on <u>all</u> remaining irrigation zones to a range between zero and 40% of the maximum settings as determined by the micro management plan and weather conditions.

Summary:

Conservation methods in tier one would reduce the watering requirements by about 25%. Water conservation methods in tier two would reduce the watering requirements by about 50%. Tier three would reduce the watering requirements by about 60%.

Park/Public Ground: Fire Training Center

Brief Site Description:

This is a 0.3 acre facility with one turf area. This site is irrigated with domestic water. During the peak of the irrigation season this site requires about 12,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in poor aesthetics.

Conservation Methods:

Tier #1 Conservation:

• Reduce the water budget/ times on <u>all</u> irrigation zones to a range between zero and 75% of the maximum settings as determined by the micro management plan and weather conditions.

Tier #2 Conservation:

• Reduce the water budget/ times on <u>all</u> irrigation zones to a range between zero and 50% of the maximum settings as determined by the micro management plan and weather conditions.

Tier#3 Conservation:

• Reduce the water budget/ times on <u>all</u> remaining irrigation zones to a range between zero and 40% of the maximum settings as determined by the micro management plan and weather conditions.

Summary:

Conservation methods in tier one would reduce the watering requirements by about 25%. Water conservation methods in tier two would reduce the watering requirements by about 50%. Tier three would reduce the watering requirements by about 60%.

Park/Public Ground: Detention Pond at 1st and Tyler

Brief Site Description:

This is a 1.28 acre storm water detention facility. This site is irrigated with domestic water. During the peak of the irrigation season this site requires about 46,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in poor aesthetics.

Conservation Methods:

Tier #1 Conservation:

• Reduce the water budget/ times on <u>all</u> irrigation zones to a range between zero and 75% of the maximum settings as determined by the micro management plan and weather conditions.

Tier #2 Conservation:

• Reduce the water budget/ times on <u>all</u> irrigation zones to a range between zero and 50% of the maximum settings as determined by the micro management plan and weather conditions.

Tier#3 Conservation:

• Reduce the water budget/ times on <u>all</u> remaining irrigation zones to a range between zero and 40% of the maximum settings as determined by the micro management plan and weather conditions.

Summary:

Conservation methods in tier one would reduce the watering requirements by about 25%. Water conservation methods in tier two would reduce the watering requirements by about 50%. Tier three would reduce the watering requirements by about 60%.

Park/Public Ground: Detention Pond at 1st and Dotsero

Brief Site Description:

This is a 1.04 acre storm water detention facility. This site is irrigated with domestic water. During the peak of the irrigation season this site requires about 32,000 gallons of water per week depending on evapotransporation rates. A total loss of irrigation would result in poor aesthetics.

Conservation Methods:

Tier #1 Conservation:

• Reduce the water budget/ times on <u>all</u> irrigation zones to a range between zero and 75% of the maximum settings as determined by the micro management plan and weather conditions.

Tier #2 Conservation:

• Reduce the water budget/ times on <u>all</u> irrigation zones to a range between zero and 50% of the maximum settings as determined by the micro management plan and weather conditions.

Tier#3 Conservation:

• Reduce the water budget/ times on <u>all</u> remaining irrigation zones to a range between zero and 40% of the maximum settings as determined by the micro management plan and weather conditions.

Summary:

Conservation methods in tier one would reduce the watering requirements by about 25%. Water conservation methods in tier two would reduce the watering requirements by about 50%. Tier three would reduce the watering requirements by about 60%.

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Appendix C Forecasting Future Water Demands

Appendix C

Forecasting Future Water Demands

This appendix presents the water demand forecasting used to estimate future water demand in the City assuming current trends in water use continued over the coming 8 years – including the effects on past and ongoing water conservation programs, and excluding the effects of new water conservation efforts that will be identified and implemented as a result of this Plan. The forecasting presented herein also characterized the impact of passive savings which are expected to occur over the planning period (i.e., from 2012 to 2020) as a result of customers replacing toilets, dishwashers and clothes washers with more water efficient models independent of any programs that the City implements.

Forecasting was initiated by segregating past monthly water demands for each major customer category:

- Residential both for inside and outside the City limits with separate categories for
 - o single family,
 - o multi-family, and
 - o irrigation only accounts.
- Commercial both for inside and outside the City Limits
- City facility water use including indoor and outdoor uses
- Wholesale water sales
- Other water sales (which relate specifically to pre-paid water sales at City hydrants and the City's stand pipe (AKA Ranch water))

Forecasting was developed for each customer category individually to develop predictions of monthly and annual water demand for the planning period. The results of the individual predictions by customer category were summed to estimate total water delivery (i.e., billed water). Total treated water demand was calculated by estimating average monthly non-revenue water (based on the period 2005 to 2011) as a percentage of total treated water. Total treated water was finally estimated by dividing total billed water by one less the percentage of non-revenue for each month.

Three separate estimates of monthly total treated water demands were developed to support water conservation planning. The three separate estimates include:

- Estimates for average conditions based on current trends.
- Estimates for above average conditions (i.e., one standard deviation above average) based on current trends.
- Adjusted estimates for average and above average conditions including the impacts of passive water savings.

Average conditions (i.e., demands which will occur no more than 5 out of every 10 years) and above average conditions (i.e., demand which will occur no more than 8 out of 10 years) were forecasted to provide insight into the variability of future demands and the relative impact of proposed water conservation programs on variable future water use.

Assumptions

Specific assumptions used to estimate average future water demands without passive savings (passive savings were added into the forecasted demands under a separate step) are as follows:

- Residential water use inside the City limits will increase at a rate equivalent to the City's predicted growth of housing units (see Table C-1). The housing unit growth rate was used to adjust single family, multi-family and irrigation only water use based on average monthly water use observed over the last 4 years (i.e., 2008 through 2011¹) for each year from 2012 to 2020, compounded annually.
- Residential water use outside the City limits will not increase over the planning period, since the City does not currently plan to increase its service area. Therefore, future monthly water demand for each residential customer category outside the City limits (including single family, multi-family and special based use) was maintained at a demand equal to the average monthly water use observed over the last 4 years (i.e., 2008 through 2011²).
- Commercial water use, both inside and outside the City limits will

	Table C-1	
Year	Population	Housing Units
2010	66,572	27,773
2011	67,455	28,120
2012	68,495	28,300
2013	69,690	29,037
2014	70,991	29,579
2015	72,403	30,167
2016	73,926	30,803
2017	75,449	31,437
2018	76,975	32,073
2019	78,502	32,709
2020	80,086	33,369

- increase at a rate equivalent to the City's predicted growth of housing units. The housing unit growth rate was used to adjust commercial water use for customers inside and outside the City limits, as well as commercial special base accounts, based on average monthly water use observed over the last 4 years (i.e., 2008 through 2011³) for each year from 2012 to 2020, compounded annually.
- City water use, at its various facilities and parks, will be maintained at current demands, based on average monthly demand for the period 2009 through 2011, since City indoor

¹ 2008 through 2011 were included in the analysis since it was only during this period that these customer categories were tracked by the City. Prior to 2008, the City lumped these accounts into one customer category.

² 2008 through 2011 were included in the analysis since it was only during this period that these customer categories were tracked by the City. Prior to 2008, the City lumped these accounts into one customer category.

³ 2008 through 2011 were included in the analysis since it was only during this period that these customer categories were tracked by the City. Prior to 2008, the City lumped these accounts into one customer category.

water use dropped substantially during this period of time, and the City is not currently planning on expanding its facilities over the planning period.

- Wholesale water use, which represents that interconnection between Little Thompson
 Water District and the City, is not expected to change over the planning period.
 Monthly averages for the years 2010 and 2011 were used to estimate future water
 demand for this account given that prior to 2010 water use tracked by this account was
 negligible.
- Pre-paid water sold through fire hydrants across the City is not expected to change over the planning period. Monthly averages for the years 2010 and 2011 were used to estimate future water demand for this account given that prior to 2010 water use tracked by this account was negligible.
- Per-paid water sold through the City's stand pipe (i.e., Ranch water), will increase in accordance with future population growth. Analyses presented in Appendix C indicate that both a linear and logarithmic relationship exists between Ranch water use and a three-year rolling average⁴ of population growth (which accounts for construction of infrastructure and residences/businesses over time). The logarithmic relationship between population growth and expected water use presented in Figure C-1 was used to estimate future monthly water demands for the planning period based on average monthly demands for the period 2005 to 2011.

Total water billings were estimated by summing the predicted monthly water use for each of these categories of customer water use. Non-revenue was added to total billed water to calculate total treated water demand throughout the planning period.

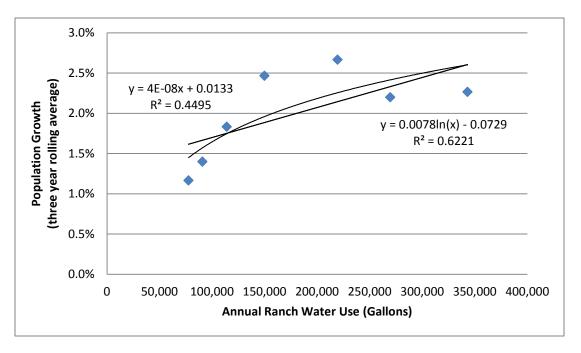
Note that past average monthly water use was not normalized to "per connection use" for the purposes of this analysis, given the expected combined influence of population growth and passive savings over the period 2008 to 2011. Growth in the City was estimated to be about 7% during this period; and passive saving reductions estimated from observed indoor residential water use over this same period of time were also about 7%. Therefore, these two factors were assumed to offset one another. The total treated water delivery in the City is presented in Figure C-2 to illustrate this point since there has not been a demand increase since 2008.

Above Average Conditions

To understand the potential variability on the City's future water demands, a statistical analysis was performed using the last four years of monthly water use data. For purposes of this analysis, it is assumed that the variability in water use relates to the natural variability of weather and behavioral impacts on water use in the City.

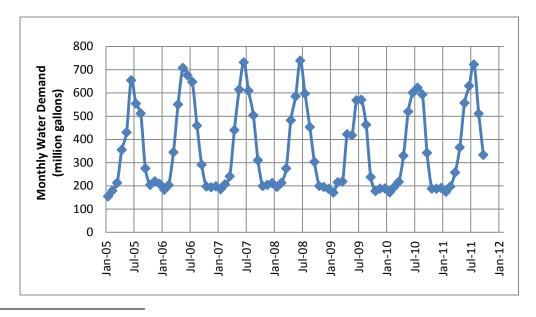
⁴ A three-year rolling average was used to smooth the natural variation in the data, and allow for incorporating the multiyear impact of grow on the community (given that build a subdivision typically requires more than one year of construction to allow for building water, sewer and storm sewer systems, as well as individual residences.

Figure C-1 - Correlation of Ranch Water Use to Percent Growth⁵



The importance of developing an above average water demand is as follows: there is a 16% probability that total water demand will be <u>greater than</u> above average conditions (based on estimating water demands one standard deviation greater than average conditions); whereas there is a 50% probability that total water demand will be <u>greater than</u> average conditions. Therefore, above average conditions allows for planning to meet estimated water demands for 8 out of 10 years, as opposed to 5 out of ten years (which is what average conditions represent).

Figure C-2 Total Treated Water Delivery



⁵ This figure illustrates a better correlation of Ranch Water use to percent growth using a logarithmic function ($R \sim 0.62$) versus a linear approximation ($R \sim 0.45$).

Passive Savings

To incorporate impacts of "passive savings," per capita residential water use (for treated water only) was estimated to decrease over the planning period by between 7.3 to 10.1 gallons per person per day (gpcd) in conjunction with those water demand reductions that are expected to occur as residential customers replace outmoded and broken toilets, dishwashers and clothes washers with new, high efficiency models without the influence of the City's water conservation efforts. Passive conservation only impacted future demands for single family and multi-family residential demands. Passive savings were developed based on recent analyses conducted by the CWCB (Great Western Institute, 2010).6 For purposes of this plan, the total

passive savings demand reductions of 8.7 gpcd (the average of the high and the low estimates) were applied to the annual residential uses for both inside and outside of the City limits, resulting in a reduced annual demand of about 254 million gallons in 2020, or about 700,000 gallons of treated water a day.

Peak Day Water Demands

Peak daily water demands are of concern to any City that operates a water treatment plant. Loveland is no different. Past peak daily demands in the summer have approached the capacity of the treatment facility. To evaluate future peak daily demands, peaking factors were developed for each month of the year based on the ratio of highest peak daily demand in the month to total monthly demand – as an average over the period from January 2000 through October 2011.

Pe	Table C-2 aking Factors
(MG	D/Million Gals)
Jan	3.85%
Feb	4.50%
Mar	4.22%
Apr	4.81%
May	4.86%
Jun	4.46%
Jul	3.92%
Aug	3.94%
Sep	4.34%
Oct	5.08%
Nov	4.20%
Dec	3.82%

The resulting peaking factors are provided in Table C-2. These peaking factors were multiplied by the average and above average monthly total treated water demands developed through the forecasting effort, to estimate future peak day demands for each month between January 2012 and December 2020.

List of Other Assumptions

In addition to those assumptions presented above, the following assumptions were used to develop the forecasted water demands.

 No substantial changes to current residential water use practices have been included to represent existing or future single and multi-family water use such as:

⁶ Passive savings calculations were developed by estimating the reduction to per capita water use for those populations that existed or will exist at key dates during the development of high-efficiency products for consumer use (i.e., 1996 for low-flow toilets (1.6 gallons per flush (gpf)); 2005 for high-efficiency clothes washers and dishwashers; and 2015 for high-efficiency toilets (0.9 to 1.28 gpf)).

- Residential outdoor watering will not occur using grey-water or non-potable water systems; and
- o Indoor water use will occur for the same basic configuration of bathroom, laundry and kitchen uses as exist today (noting that passive savings account for the use of new, more efficiency appliances and fixtures without changing the way that the appliance and fixtures are used).
- The City will maintain the current level of non-revenue water and water treatment plant efficiencies into the future.
- No large industrial, commercial and/or manufacturing facilities will be constructed within the City's service area over the next eight years requiring substantial new water supply.
- No substantial change from past measured conditions in current weather and precipitation patterns will occur over the planning period.

Results

The tables that are contained in this appendix provide the results of the forecasting, as described above. These tables are as follows:

- **Table C-3** Presentation of monthly water use data including past water use and forecasted monthly water use for average conditions.
- **Table C-4** Presentation of monthly water use data including past water use and forecasted monthly water use for above average conditions.
- **Table C-5** Presentation of Passive Savings estimates in the form of per capita water use adjusts to future estimated water demands
- **Table C-6** Summary of past and predicted annual water use for average and above average conditions without passive savings
- **Table C-7** Summary of past and predicted annual water use for average and above average conditions with passive savings

A graphic presentation of the results of the forecasting is provided in the main body of the text.

Date	Inside Residential	Inside Multi-Family Insid	Inside Irrigation Insid	Inside Residential Total SF+ MF	Outside Residential Outside	Outside Multi-Family Outside Irrigation		Outside Res - Special Base Out	Outside Residential Total SF+ MF
Jan-05	109.547.839			839	00000				8.390.000
Feb-05	91,946,900			91,946,900	6,731,000				6,731,000
Mar-05	95,470,039			95,470,039	7,029,100				7,029,100
Apr-05	121,536,723		,	121,536,723	009'LL9'L				009'229'2
May-05	160,891,579			160,891,579	9,462,300				9,462,300
Jun-05	279,120,014			279,120,014	13,130,000				13,130,000
Jul-05	424,146,200			424,146,200	18,902,000				18,902,000
Aug-05	425,802,200		•	425,802,200	18,743,000		,		18,743,000
Sep-05	394,132,748			394,132,748	17,333,000				17,333,000
Oct-05	279,788,600			279,788,600	11,851,800			-	11,851,800
Nov-05	128,564,600			128,564,600	6,710,200				6,710,200
Dec-05	112,596,900			112,596,900	7,637,100				7,637,100
Jan-06	117,025,547	•	•	117,025,547	8,404,900				8,404,900
Feb-06	103,678,953			103,678,953	7,021,000				7,021,000
Mar-06	102,035,487			102,035,487	000'600'L				000'600'2
Apr-06	138,511,159	-		138,511,159	8,567,000				8,567,000
May-06	293,578,622			293,578,622	13,179,800				13,179,800
90-unf	496,795,889			496,795,889	21,564,200				21,564,200
90-Inf	525,171,479			525,171,479	23,378,000				23,378,000
Aug-06	477,540,475			477,540,475	19,200,600				19,200,600
90-deS	404,186,500		,	404,186,500	16,057,400				16,057,400
0ct-06	279,511,911			279,511,911	11,850,000				11,850,000
90-voN	123,457,000			123,457,000	6,932,914				6,932,914
90-oed	125,055,758			125,055,758	6,958,428				6,958,428
Jan-07	103,665,559			103,665,559	7,801,189			16,000	7,817,189
Feb-07	100,225,253			100,225,253	6,533,383			10,000	6,543,383
Mar-07	99,508,230		•	99,508,230	6,596,000			43,000	000'689'9
Apr-07	115,275,789			115,275,789	7,256,000			16,000	7,272,000
May-07	178,867,000			178,867,000	9,201,800			28,000	9,259,800
Jun-07	363,240,631			363,240,631	15,624,200			29,000	15,683,200
10-Inf	550,764,689			550,764,689	22,827,000			171,000	22,998,000
Aug-07	493,982,153			493,982,153	18,844,000			223,000	19,067,000
Sep-07	432,263,247		•	432,263,247	16,830,000			443,000	17,273,000
0ct-07	293,196,700			293,196,700	11,589,000			261,000	11,850,000
Nov-07	142,514,904			142,514,904	7,512,000			118,000	7,630,000
Dec-07	116,274,289			116,274,289	7,198,000			11,000	7,209,000
Jan-08	90,773,689	22,654,400	93,000	113,521,089	6,864,000	244,000	1,000	19,000	7,128,000
Pep-08	80,380,636	21,288,000	35,000	101,703,636	6,330,000	230,000	1,000	12,000	6,573,000
Mar-08	83,119,897	21,065,000	49,000	104,233,897	6,354,000	231,000	58,000	21,000	6,664,000
Apr-08	91,141,367	21,638,200	1,363,000	114,142,567	7,106,700	244,000	118,000	33,000	7,5UI,7UU
90-Millin-08	245 541 100	34 400 000	31,814,000	354 354 100	13 763 000	333,000	1 157 000	94,000	15 459 000
80-Inf	335.981.000	39.914.000	96.411.500	472,306,500	18.422.000	530,000	1.668.000	227,000	20.847.000
Aug-08	373.924.800	49.564.000	131.737.000	555,225,800	20.187,000	662,000	1.470,000	181,000	22,500,000
Sep-08	242.903.000	38.169.000	89.143.485	370,215,485	14.858.000	400,700	860.000	78.000	16.196.700
0ct-08	186,940,500	32,226,000	61,023,827	280,190,327	10,003,000	311,000	934,000	180.000	11,428,000
Nov-08	100,178,000	22,921,000	11,371,809	134,470,809	6,895,000	220,000	51,000	48,000	7,214,000
Dec-08	90,803,000	21,571,000	439,343	112,813,343	7,074,000	239,000	1,000	12,000	7,326,000
Jan-09	91,414,696	22,682,000	(38,000)	114,058,696	000,790,7	234,000	2,000	19,000	7,352,000
Feb-09	79,107,256	20,625,000	1,000	99,733,256	6,145,000	198,000	7,000	14,000	6,364,000
Mar-09	87,262,000	20,671,000	77,505	108,010,505	7,074,000	206,000	103,000	17,000	7,400,000
Apr-09	98,029,000	22,648,440	1,149,554	121,826,994	7,138,000	246,000	26,000	16,000	7,426,000
May-09	134,661,000	25,045,000	20,549,518	180,255,518	9,038,000	231,000	138,000	87,000	9,494,000
60-unf	196,335,000	31,328,000	57,576,486	285,239,486	11,347,000	281,000	556,000	224,000	12,408,000
60-Inf	241,904,000	34,540,000	73,796,899	350,240,899	13,360,026	290,000	820,000	117,000	14,587,026
60-8nV	256,740,000	40,609,000	94,380,799	391,729,799	14,110,000	389,000	975,000	87,000	15,561,000
Sen-O	000 040 000	000000	101 010 00	201 250 521	000 010 07	000		٠	

0.0.00 1.0.00<	Date	Inside Residential	Inside Multi-Family Insid	Inside Irrigation	Inside Residential Total SF+ MF	Outside Residential Outsid	Outside Multi-Family Out	Outside Irrigation Outsi	Outside ives - openial base Outs	Outside Residential Total SF+ MF
Transmist Tran	Oct-09		32,517,000	57,633,397	255,730,397	9,455,000	327,000	486,000	36,000	10,304,000
This property This propert	Nov-09		21,626,000	8,109,374	114,599,374	6,412,000	181,000	4,000	000'6	6,606,000
11.000.000 10.000.000.000 10.000.000	Dec-09	87,938,000	22,192,000	93,420	110,223,420	7,190,000	203,000	4,000	16,000	7,413,000
The property The	Jan-10	89,909,000	24,246,207	1,000	114,156,207	6,886,000	197,000	3,000	19,000	7,105,000
17.0.000 17.0.000	Feb-10	000'020'62	20,040,415	1,000	99,111,415	5,748,000	848,000	3,000	28,000	6,657,000
11.1 11.1	Mar-10	79,753,000	20,994,000	1,000	100,748,000	5,812,000	981,000	2,000	20,000	6,815,000
Transcriptors Transcriptor	Apr-10	91,306,741	21,891,000	1,972,756	115,170,497	6,476,000	931,000	000'6	27,000	7,443,000
1000.000.000 1000.000	May-10	111,989,000	23,348,066	14,585,668	149,922,734	6,948,000	1,018,000	2,000	61,000	8,034,000
Statistication Colorado Col	Jun-10	197,113,000	30,122,000	46,640,249	273,875,249	10,789,000	1,496,500	583,000	110,000	12,978,500
0.00 10.00 0.00 1.00 0.00 1.00 0.00 1.00 0.00 1.00 0.00 1.00 0.00 0.00 10.00 0.00 1.00 0.00 1.00 0.00 1.00 0.00 1.00 0.00 1.00 0.00 1.00 0.00 0.00 10.00 0.00 1.00 0.00 1.00 0.00 1.00 0.00 1.00 0.00 1.00 0.00 1.00 0.00 0.00 10.00 0.00 1.00 0.00 1.00 0.00 1.00 0.00 1.00 0.00 1.00 0.00 1.00 0.00 0.00 10.00 0.00 1.00 0.00	Jul-10		40,181,000	91,094,682	422,309,682	14,434,000	1,496,500	603,000	118,000	16,651,500
200.0000000000000000000000000000000000	Aug-10		42,380,000	102,858,870	435,393,326	15,188,708	2,171,000	730,000	135,000	18,224,708
10.00.000 10.000 10.000 10.000 10.000 10.000 10.00.000 10.000 10.000 10.000 10.000 10.000 10.000 10.00.000 10.000 10.000 10.000 10.000 10.000 10.000 10.00.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 <	Sep-10	322,030,059	44,587,606	109,023,407	475,641,072	15,901,000	2,259,000	817,000	87,000	19,064,000
CONTRINGE CANADA CANA	0ct-10	242,319,538	40,218,092	92,436,758	374,974,388	12,435,000	1,749,000	1,076,000	252,000	15,512,000
	Nov-10	106,406,559	23,847,000		146,126,696	6,543,000	976,000	30,000	3,000	7,552,000
Transport Tran	Dec-10	86,848,200	21,987,500	40,123	108,875,823	6,565,000	951,000	000'9	92,000	7,614,000
Transmer Transmer	Jan-11	88,431,400	23,179,806	2,000	111,613,206	6,290,000	1,121,000	3,000	40,000	7,454,000
	Feb-11	76,327,935	21,297,182		9/,625,11/	5,915,000	1,147,000	2,000	81,000	7,145,000
66 (19 (19 (20)) (17 (20)) (24 (20))	Mar-11	77,550,044	21,559,143	3,700	99,112,887	4,387,851	2,315,000	3,000	34,000	6,739,851
14.207.008 1.00.000 1.00.00	Apr-11	98,181,392	22,716,268	3,415,776	124,313,436	5,373,123	2,458,000	2,000	45,000	7,883,123
18,577,586 25,220,272 4,520,586 25,220,288 23,220,77 24,226,589 24,226,599 24,22	May-II	143,207,466	27,613,892	29,770,595	200,591,953	6,672,553	2,517,000	81,000	98,000	9,368,553
10.10.0.1.1.0.0.0.0.0.0.0.0.0.0.0.0.0.0	Jun-11	199,577,996	34,673,193	54,373,825	288,625,014	8,976,000	3,418,000	405,000	131,000	12,930,000
2006 722 CHARDON FOLITOR FOLITOR 2006 723 CHARDON FOLITOR FOLITOR 2006 724 720 CHARDON FOLITOR FOLITOR 2007 720 720 CHARDON FOLITOR FOLITOR 2007 720 720 720 720 720 720 720 720 720	Jul-11	284,351,642	43,333,408	84,674,358	412,359,408	12,417,255	3,821,000	577,000	154,000	16,969,255
4.00.00.1. 1.00.00	Aug-11	310,674,227	47,265,797	105,545,898	463,485,922	13,653,000	4,540,000	781,000	173,000	19,147,000
(10,741,284) 24,646,264 (17,22,81) 466,276 7,000 7,000 7,000 96,272,261 24,642,274 14,4537 114,607,274 4,4250 24,250 24,250 70,74,284 23,224,274 4,4587 114,607,273 6,784,250 6,784,250 24,250 24,250 70,232,261 21,1987,123 11,000,400,618 6,034,250 40,000 3,250 42,550 18,222,261 21,1987,123 11,128,750 6,784,250 40,000 3,250 42,550 21,108,79 22,246,818 23,224,613 11,128,725 6,784,426 6,924,70 41,500 23,000 21,108,79 24,226,028 11,1218,79 11,1218,79 11,400,00 11,250	Sep-11	324,823,276	39 565 686	78 098 138	334 760 681	12,825,221	3 580 000	7.78,000	117,000	13,603,221
800086.18 248.09.21 145.00 113.013.379 4.422.00 27.00 2.20 2.20 79,135.28 23.23.23.74 14.387 140.01.23.23 6.73.20 465.00 2.20 2.20 2.20 79,135.78 23.23.23.44 32.298 110.140.12.23 6.73.24 14.50 2.20 2.20 86,23.25.61 21.23.68 31.298 110.140.12.23 6.73.24 14.20 2.20 2.20 14,6.50.13.78 21.23.68 11.28.72.35 6.73.24 14.20 2.20 2.20 14,6.50.25.23 2.23.68.81 1.987.12.35 11.21.85.70 14.00 2.20 2.20 14,6.50.25.23 2.62.22.32 1.987.12.34 1.12.85.20 1.00.00 2.20 2.20 250,20.42.20.23 2.62.22.32 1.987.22.34 4.48.23.73 1.12.85.23 1.12.85.23 1.12.85.23 1.12.80.00 1.12.20 1.20 250,20.42.22.32 2.62.22.23 2.62.22.23 1.62.22.23 1.62.22.23 1.60.00 1.60.00 1.60.00 <	Nov-11	101.741.384	24.849,245	16.782.581	143.373.210	4.887.588	2.144,000	17,000	21.000	7.069.588
9.0.672.989 73.39.47 14.587 114.047.323 6.784.290 6.784.290 4.455.0 4.455.0 79.193.786 2.03.375.25 9.366 100.440.616 6.034.50 6.034.50 4.150.0 23.00 82.472.786 2.13.26.81 1.32.986 103.444.60 5.06.62.44 6.52.44 6	Dec-11	88,035,135	24,819,734	158,510	113.013.379	4,822,685	2,760,436	11,000	28,000	7,622,121
79,197,86 20,937,52 9.96 100,194,76 605,750 41,250 41,250 82,120,73 21,188,713 12,987,123 119,576,534 5,96,66 963,750 40,000 30,250 85,220,13 22,56,818 1,987,123 119,576,534 6,524,64 963,750 40,000 30,250 146,23,23 32,56,633 26,26,233 26,40,237 416,83,27 1,40,957 140,000 180,000 220,04,126 45,227,84 15,84,375 1,40,377 1,40,000 15,40 10,000 220,04,128 46,227,84 15,84,375 1,40,375 140,000 140,000 140,000 220,41,128 46,227,44 15,84,374 1,448,327 1,448,370 1,440,000 140,000 220,41,128 41,260 11,281,124 13,411,441 11,285,403,77 1,441,720 1,450,000 145,000 220,41,128 41,260 11,281,113 11,281,113 11,282,203 1,441,200 1,450,000 1,450,000 220,41,128 22,441,413 11	Jan-12	90,672,989	23,329,747	14,587	114,017,323	6,784,250	449,000	2,250	24,250	7,259,750
R2.12.761 21.188.719 32.298 10.546.440 5.906.568 993.250 41.500 23.00 1.46.596.323 22.356.513 1.987.123 1.03.05.50 40,000 30.250 1.46.596.324 26.226.523 26.226.523 1.487.123 1.40.587.5 1.40.500 85,000 2.0.896.62 32.266.523 26.226.23 4.45.82.30 4.46.82.74 1.40.587.5 1.40.500 1.40.00 2.0.896.62 32.266.53 8.00.32.46 4.66.82.74 4.46.82.74 1.46.82.74 1.40.500 1.44.00 1.40.00 2.0.40.21.2 4.26.1.37 1.09.32.246 4.66.27.744 1.57.445 1.57.4457 1.40.500 1.44.00 1.40.00 2.0.40.21.2 3.2.246.7 1.09.32.246 4.66.27.744 1.57.465.37 1.40.500 1.40.00 1.40.00 1.40.00 1.40.00 1.40.00 1.40.00 1.40.00 1.40.00 1.40.00 1.40.00 1.40.00 1.40.00 1.40.00 1.40.00 1.40.00 1.40.00 1.40.00 1.40.00 1.40.00 1.4	Feb-12	79,193,785	20,937,525	908'6	100,140,616	6,034,500	605,750	3,250	41,250	6,684,750
95,226,13 1,987,123 119,576,544 6,523,466 969,750 40,000 30,250 10,802,328 26,226,623 24,326,623 19,201,589 11,218,790 1,403,875 6,52,290 85,000 20,802,628 32,286,638 86,00,395 30,236,633 11,218,790 1,403,875 6,52,290 140,000 20,902,045 32,286,538 86,00,395 46,278,477 1,403,875 6,52,20 140,000 1 20,202,126 46,291,376 100,512,806 46,128,830 1,436,525 140,000 140,000 1 208,706,11 46,591,376 100,512,806 46,128,830 14,360,555 140,000 140,000 1 208,706,12 32,460,776 131,283,406 46,128,830 6,412,921 1,491,750 75,500 145,000 1 208,706,12 33,200 13,11,243,1 11,11,888,880 6,412,921 1,491,750 75,500 14,500 1 1 1,500 1 1 1,500 1 1,500 1 1,500	Mar-12	82,412,763	21,198,719	32,998	103,644,480	5,906,963	933,250	41,500	23,000	6,904,713
146,90,335 2,0,2,53 3,4,35,055 9,4,35,055 8,000 85,000 210,890,335 2,0,2,53 5,4,35,055 9,2,35,055 9,0,35,00 140,000 210,890,335 3,2,86,633 8,2,30,56 9,0,32 1,0,0,32 1,0,0 290,047,566 3,9,72,3055 8,7,13,326 416,789,947 1,0,48,505 1,0,0 1,0,0 290,047,566 3,9,72,475 1,0,0,2,2,447 1,0,0,2,2,447 1,0,0,2,2,246 1,5,4,4,57 1,4,4,5,50 1,5,4,0 286,47,27 3,0,3,7,24 1,3,4,6,37 1,4,4,5,50 7,5,50 1,4,5,00 1,4,5,00 286,47,27 3,0,4,0,77 1,3,4,6,37 1,4,4,5,50 2,5,50 1,4,5,00 1,5,7,5 88,987,27 1,3,4,6,5,7 1,4,4,5,50 1,5,2,5 1,5,5,0 1,5,5,0 1,5,5,0 88,1,3,2,0 1,1,2,6,2,8 1,1,2,2,3,4 1,1,2,2,3,4 1,1,2,2,3,4 1,1,2,2,3,0 1,2,5,0 1,2,5,0 88,1,3,2,0 1,1,2,2,2,3 1,1,2,2,3,4 1,1,2,2,3,4 1,1,2,2,3,4 1,1,2,2,3,4 1,	Apr-12	95,232,613	22,356,818	1,987,123	119,576,554	6,523,456	969,750	40,000	30,250	7,563,456
200 899 625 3.2.26.683 8.60.389 3.2.26.693 3.2.26.693 14.09.675 1.409.675 16.700 15.000 200 0875 566 3.2.26.683 86.00.385 416.789.947 14.588,372 11.343,375 95.00 144.000 134.000 3.05,720/51 46.2.274,27 1.09.282,246 46.42.784 15.784,67 1.982,225 883.250 144.000 134.000 2.88,494,728 3.6.244,88 7.2/73,181 31.228,482 1.02.15,88 1.491,750 76.500 145,700 2.88,494,728 3.6.240,67 1.3112,41 1.312,413 1.158,480,37 6.181,397 880,320 2.02.20 145,00 3.88,96,520 2.2/73,418 1.312,441 1.138,880 6.784,29 860,50 2.50 37,00 38,121,10 2.2/74,44 1.312,441 1.138,880 6.784,29 449,00 3.250 44,250 38,132,04 2.2/74,14 1.388,890 6.784,29 449,00 3.250 44,20 38,132,04 2.2/74,14 1.388,34 1.02,34,28 <td>May-12</td> <td>146,950,335</td> <td>26,226,233</td> <td>24,325,025</td> <td>197,501,593</td> <td>8,403,713</td> <td>1,030,250</td> <td>203,500</td> <td>85,000</td> <td>9,722,463</td>	May-12	146,950,335	26,226,233	24,325,025	197,501,593	8,403,713	1,030,250	203,500	85,000	9,722,463
290/20/516 39,729,055 87,013,326 46,427,464 14,688,320 15,54,375 91,700 154,000 290,206,156 43,274,426 46,427,464 15,746,677 15,94,570 91,700 144,000 288,494,728 42,613,476 100,312,806 41,688,370 143,605,55 16,550 144,000 288,727,1 23,488,485 72,718,181 31,322,432 10,231,56 145,50 145,50 88,986,20 22,778,414 113,112,431 113,568,380 6,742,50 25,50 20,25 88,986,20 22,778,414 113,112,431 117,095,931 6,742,50 14,500 37,000 81,322,116 23,959,650 14,981 117,095,931 6,742,50 26,50 24,55 81,322,116 23,959,650 14,981 117,095,931 6,742,50 32,50 24,55 81,322,118 21,770,085 33,889 106,442,881 5,044,273 6,043,00 32,50 32,50 81,322,118 22,640,775 12,286,121 12,286,72 44,900	Jun-12	210,899,625	32,826,583	58,600,395	302,326,603	11,218,750	1,409,875	675,250	140,000	13,443,875
289,720,51 45,724,472 199,232,446 46,400 14,400 105,280,400 14,400 105,280,400 14,400 105,280,400 14,400 105,280,400 14,400 105,200,100 14,400 14,400,550 16,18,130 16,1	Jul-12	290,047,566	39,729,055	87,013,326	416,789,947	14,658,320	1,534,375	917,000	154,000	17,263,695
2.88,44,28 4.2,91,76 4.2,91,76 1.0,51,206 1.0,51,206 2.88,44,128 4.2,91,46 431,693,77 10,231,236 75,00 145,70 2.88,44,128 7.2,734,14 135,46,377 10,231,293 75,00 15,500 20,250 2.8,757 2.3,764,14 183,946 11,289,880 6,412,921 1,038,359 5,500 20,250 31,21,108 2.1,774,08 14,941 6,142,921 1,038,359 7,000 20,250 31,21,108 2.1,774,08 14,501 11,089,791 6,784,290 605,750 3,500 41,250 84,637,907 2.1,774,08 3,588 106,442,881 5,966,963 933,250 41,500 23,000 84,637,907 2.1,774,08 3,588 106,442,881 5,966,963 933,250 41,500 23,000 2.16,917,19 2.2,944,72 2.2,945,73 10,642,881 5,966,963 933,250 41,500 23,000 2.16,917,19 2.1,10,882,13 3,10,10,10 2,10,10,17 2,10,10,17 2,10,	Aug-12	309,720,611	45,224,427	109,282,426	464,227,464	15,784,677	1,940,500	000'686	144,000	18,858,177
Q88/27/21 319,326,616 13,12,436 31,326,136 14,34,730 14,34,730 12,34,730 12,34,730 12,34,730 12,34,730 12,34,730 12,34,730 12,34,730 13,13,340 13,13,440 13,140 1	Sep-12	288,494,728	42,691,376	100,512,806	431,698,910	14,360,555	1,982,925	863,250	105,500	17,312,230
88,056,271 2,740,000 1,112,095,791 0,104,291 1,005,791 0,104,292 2,520 2,520 88,132,018 2,278,400 11,888,880 11,2884,431 6,784,250 449,000 2,150 37,000 81,332,018 2,296,550 14,981 111,888,880 106,442,881 6,786 49,000 2,150 24,250 81,332,018 2,150,2838 9,557 106,442,881 6,786 965,750 41,550 24,250 97,803,893 22,560,475 106,442,881 6,523,456 40,000 30,250 85,000 150,917,994 26,934,342 20,834,136 106,442,881 1,030,250 203,500 85,000 216,533,915 33,712,901 60,182,401 1,030,250 1,403,875 140,000 30,250 216,534,547 12,286,413 1,040,875 1,403,875 1,403,000 144,000 144,000 216,534,547 13,041,738 14,683,724 1,403,875 1,491,750 165,200 10,550 21,047,548 13,043,758 <td< td=""><td>Nov. 12</td><td>204,202,129</td><td>30,346,483</td><td>12 112 421</td><td>313,282,432</td><td>10,231,308</td><td>1,491,750</td><td>75 500</td><td>145,750</td><td>12,034,008</td></td<>	Nov. 12	204,202,129	30,346,483	12 112 421	313,282,432	10,231,308	1,491,750	75 500	145,750	12,034,008
84,637,907 2,500,838 4,1,981 117,095,731 6,034,500 4,500,939 2,500 2,500 81,332,018 2,1,502,838 9,557 102,844,413 6,034,500 605,750 3,250 41,250 81,332,018 2,1,502,838 9,557 102,844,413 6,034,500 605,750 3,250 41,250 84,637,907 2,1,71,085 33,889 1,06,442,881 5,96,593 933,250 41,500 23,000 150,917,994 2,296,0422 2,040,775 1,12,805,121 6,534,561 40,000 3,026 150,917,994 2,934,342 2,881,801 20,884,1381 1,10,303,250 40,000 85,000 216,533,15 3,371,2901 40,801,739 89,362,866 428,044,37 1,10,303,250 917,000 154,000 216,533,16 4,445,487 112,233,051 46,583,201 1,534,375 917,000 154,000 154,000 296,284,086 4,45,444 113,246,46 428,044,781 14,43,524,781 14,583,324 14,400 14,500	Nov-12	177,100,06	070,007 60	183 046	111 898 880	6 412 921	1 028 250	5 500	37,000	7 493 780
81,332,018 21,502,838 9,557 102,844,413 6,034,500 665,750 3,250 41,250 23,000 84,637,907 21,771,085 33,889 106,442,881 5,906,963 933,250 41,500 23,000 97,803,839 22,560,452 22,040,775 122,805,111 6,523,456 96,5750 203,000 85,000 216,591,934 26,934,361 60,182,606 310,489,411 11,218,750 1,030,250 85,000 140,000 216,591,935 33,712,901 60,182,606 428,043,276 14,658,320 1,030,250 154,000 15,000 216,591,915 40,801,739 89,362,686 428,043,276 14,658,320 1,534,375 140,000 15,400 11,40,000 216,281,082 43,844,043 101,223,051 44,568,237 1,40,800 16,400 14,400 14,400 15,400 14,400 15,400 14,400 14,400 14,400 14,400 14,400 14,400 14,400 14,400 14,400 14,400 14,400 14,400 11	Jan-13	93.121.160	23.959,650	14.981	117,095,791	6.784.250	449.000	2.250	24.250	7.259.750
84,637,907 21,771,085 33,889 106,442,881 5,906,963 933,250 41,500 23,000 97,803,883 22,960,452 2,040,775 122,805,121 6,523,456 969,750 40,000 30,250 97,803,883 22,960,452 2,040,775 122,805,121 6,523,456 969,750 40,000 30,250 215,593,915 33,712,901 60,182,666 42,804,321 11,218,750 1,030,250 10,000 11,000 216,593,915 33,712,901 60,182,666 428,043,71 14,698,750 989,000 144,000 11,000 218,083,067 46,445,487 112,233,651 476,761,666 15,784,677 1,940,500 144,000 144,000 296,284,086 43,844,043 103,226,661 43,324,781 43,360,552 1,941,750 765,000 145,000 145,000 296,284,086 43,844,043 13,465,466 139,107,538 6,184,390 1,941,750 765,000 145,000 145,000 200,15,587 24,148,83 13,464,645 13,414,263	Feb-13	81,332,018	21,502,838	9,557	102,844,413	6,034,500	605,750	3,250	41,250	6,684,750
97,803,893 22,960,452 2,040,775 122,805,121 6,523,456 969,750 40,000 30,250 150,917,994 26,984,342 24,981,801 20,881,801 10,030,250 86,000 85,000 85,000 216,937,915 46,445,487 60,182,666 428,043,76 14,658,320 1,544,500 144,000 144,000 296,284,086 46,445,487 112,233,651 446,45,87 103,226,651 446,4567 1,940,500 144,000 144,000 296,284,086 43,844,043 103,226,651 443,354,781 14,360,552 1,982,925 863,250 105,500 1 209,715,87 37,329,894 74,665,577 321,741,058 10,231,568 1,491,750 765,000 145,000 1 101,557,27 24,148,83 13,464,664 139,107,538 6,142,921 1,491,750 765,000 145,750 1 206,715,87 24,148,83 15,264 6,142,921 1,491,750 765,000 145,750 1 88,287,326 24,148,83 114,320,51	Mar-13	84,637,907	21,771,085	33,889	106,442,881	5,906,963	933,250	41,500	23,000	6,904,713
150,917,994 26,934,342 24,981,801 202,834,136 8,403,713 1,030,250 85,000 85,000 216,593,915 33,712,901 60,182,606 310,489,421 11,218,750 1,440,875 675,250 140,000 1 296,284,085 40,801,739 89,362,686 428,043,76 14,688,320 1,440,875 1440,000 1 296,284,086 43,844,043 103,226,651 443,354,781 14,360,525 1,982,925 863,320 144,000 1 296,284,086 43,844,043 103,226,651 443,354,781 10,231,568 1,491,750 765,000 145,750 1 209,715,587 37,329,894 74,695,577 321,741,058 6,184,397 880,250 25,500 145,750 1 101,557,227 24,143,883 14,564,66 119,107,538 6,184,397 880,250 25,500 20,250 24,250 24,250 82,877,326 24,144,883 15,265 119,320,611 6,734,500 66,750 27,50 24,250 24,250	Apr-13	97,803,893	22,960,452	2,040,775	122,805,121	6,523,456	969,750	40,000	30,250	7,563,456
216,593,915 33,712,901 60,182,606 310,489,421 11,218,750 1,409,875 675,250 140,000 1 297,878,881 40,405,473 89,362,686 428,043,276 15,244,375 917,000 154,000 1 297,878,881 40,445,487 112,226,681 476,761,761 15,744,677 1,494,050 144,000 1 296,284,086 43,844,043 103,226,651 443,354,781 14,360,527 1,882,925 863,250 145,000 1 209,715,587 37,329,894 74,695,577 321,741,058 10,231,568 1,491,750 765,000 145,750 1 101,557,227 24,083,844 13,466,466 139,107,538 6,184,397 880,250 25,500 20,250 1 94,830,462 24,148,83 15,564,460 6,412,921 1,038,339 5,500 20,250 24,250 24,250 86,246,027 22,184,326 16,794,360 6,034,500 6,034,500 20,400 20,500 20,250 24,250 23,000 86,246,0	May-13	150,917,994	26,934,342	24,981,801	202,834,136	8,403,713	1,030,250	203,500	85,000	9,722,463
297 878 88 81 40,801,739 89,362,686 428,043,276 14,685,320 1,554,375 917,000 144,000 13,140,000 318,083 067 46,445,487 112,233,054 476,761,606 15,784,677 1,544,376 144,000 144,000 144,000 209,715,587 43,844,048 102,235,651 443,354,781 10,231,568 1,982,926 165,500 145,000 145,000 209,715,587 37,329,894 74,695,577 321,741,058 10,231,568 1,491,750 765,000 145,750 1 101,557,227 24,083,844 13,466,466 139,107,538 6,184,397 880,250 25,500 37,000 1 94,837,806 23,393,431 188,913 114,320,150 6,412,921 1,038,335 5,500 37,000 37,000 88,287,326 24,141,883 114,320,150 6,034,500 605,750 32,50 41,250 24,250 86,246,027 22,184,736 34,533 104,798,455 6,034,500 605,750 24,250 23,000 86,246,02	Jun-13	216,593,915	33,712,901	60,182,606	310,489,421	11,218,750	1,409,875	675,250	140,000	13,443,875
318,083,06/1 40,494,347 112,123,051 40,76,761,066 15,784,071 1,994,500 144,000 144,000 2.96,2842,086 40,344,043 103,226,551 443,354,781 14,360,555 1,982,925 863,250 105,500 145,750 2.09,115,587 37,329,894 74,695,577 321,741,058 10,231,568 1494,750 765,000 145,750 1 1.01,557,227 24,083,844 13,466,466 139,107,538 6,184,397 880,250 20,550 37,000 94,890,462 24,414,883 15,265 119,320,511 6,784,250 449,000 2,250 37,000 82,877,326 24,414,883 15,265 119,320,611 6,784,250 449,000 2,250 24,250 82,877,326 22,181,332 9,738 104,798,457 6,034,500 3,250 41,250 82,877,326 22,184,736 34,533 108,465,296 5,906,963 933,250 41,500 23,000 86,246,027 22,184,736 27,464,469 5,906,963 969,750 41,50	Jul-13	297,878,851	40,801,739	89,362,686	428,043,276	14,658,320	1,534,375	917,000	154,000	17,263,695
2.96,284,086 43,584,043 103,226,055 44,564,65 10,231,568 1,982,922 863,220 105,500 105,500 10,500 2.09,715,587 37,328,984 74,695,577 321,741,058 10,231,568 1491,750 765,000 145,750 1 2.09,715,587 24,083,844 13,464,466 139,107,538 6,128,329 5,500 37,000 37,000 94,890,462 24,414,883 15,265 119,320,611 6,784,250 449,000 2,250 24,250 82,877,326 24,14,883 15,265 119,320,611 6,784,250 449,000 2,250 41,250 82,877,326 22,184,736 9,738 104,798,457 6,034,500 5,906,963 3,250 41,250 86,246,027 22,184,736 34,533 108,465,296 5,906,963 993,250 41,500 23,000 99,662,167 23,396,701 2,095,550 125,138,418 6,523,456 5,906,963 969,750 40,000 30,250 20,200,200 20,200 20,200 20,5	Aug-13	318,083,067	46,445,487	112,233,051	4/6,/61,606	15,784,677	1,940,500	989,000	144,000	18,858,177
2.09/15/38/1 2.09/15/38/2 2.09/15/38/3 4.0431/30 1.0431/30	Sep-13	296,284,086	43,844,043	103,226,651	443,354,781	14,360,555	1,982,925	863,250	105,500	17,312,230
91,337,806 23,394,31 188,913 114,920,150 6,412,912 1,038,329 5,500 37,000 94,890,462 24,414,883 15,265 119,320,611 6,784,250 449,000 2,250 24,250 24,250 82,877,326 21,911,392 9,738 104,798,457 6,034,500 605,750 3,250 41,250 86,246,027 22,184,736 34,533 108,465,296 5,906,963 933,250 41,500 23,000 99,662,167 23,396,701 2,079,550 125,138,418 6,523,456 969,750 40,000 30,250 153,854,466 22,486,945 25,486,945 26,687,985 8403,713 1,030,250 80,3500 80,500	Nov-13	101 557 227	37,329,894	13 466 466	321,741,038	10,231,558	1,491,750 880.250	75,500	20.250	7 110 397
94,890,462 24,414,883 15,265 119,320,611 6,784,250 449,000 2,250 24,250 82,877,326 21,911,392 9,738 104,798,457 6,034,500 605,750 3,250 41,250 86,246,027 22,184,736 34,533 108,465,296 5,906,963 933,250 41,500 23,000 99,662,167 23,396,701 2,079,550 125,138,418 6,523,456 969,750 40,000 30,250 153,386,456 22,486,453 22,486,453 26,687,985 86,337,33 10,002,20 20,550 86,500	Dec-13	91,337,806	23,393,431	188,913	114,920,150	6,412,921	1,038,359	5,500	37,000	7,493,780
82,877,326 21,911,325 9,738 104,798,457 6,034,500 603,750 3,250 41,250 86,246,027 22,184,736 34,533 108,465,296 5,906,963 933,250 41,500 23,000 99,662,167 23,396,701 2,079,550 125,138,418 6,523,456 969,750 40,000 30,250 1153,138,436 2,248,659 2,486,645 2,6687,885 8,633,713 1,030,250 20,5500 8,500	Jan-14	94,890,462	24,414,883	15,265	119,320,611	6,784,250	449,000	2,250	24,250	7,259,750
86,246,027 22,184,736 34,533 108,465,296 5,906,963 933,250 41,500 23,000 99,662,167 23,396,701 2,079,550 125,138,418 6,523,456 969,750 40,000 30,250 1153,785,436 22,486,945 25,486,455 26,687,985 8,637,713 1,030,250 80,500 80,500	Feb-14	82,877,326	21,911,392	9,738	104,798,457	6,034,500	605,750	3,250	41,250	6,684,750
99,662,167 23,396,701 2,079,550 125,138,418 6,523,456 969,750 40,000 30,250 153,785,486 22,486,94 25,486,455 26,687,985 8,403,713 1,030,250 203,500 85,000	Mar-14	86,246,027	22,184,736	34,533	108,465,296	5,906,963	933,250	41,500	23,000	6,904,713
153,785,486 27,446,994 25,456,455 206,687,985 8403,713 1,030,250 203,500 85,000	Apr-14	99,662,167	23,396,701	2,079,550	125,138,418	6,523,456	969,750	40,000	30,250	7,563,456
	May-14	153,785,436	27,446,094	25,456,455	206,687,985	8,403,713	1,030,250	203,500	85,000	9,722,463

4,10,45,17, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10	Date	_	_	_		_	_	_	\neg	Outside Residential Total SF+ MF
10.00.00.10. 0.00.00.10. 0.00.00.00. 1.00.00.00. 1.00.00.00. 1.00.00.00. 10.00.00.10. 0.00.00.00. 0.00.00.00. 0.00.00.00. 0.00.00.00. 1.00.00.00. 1.00.00.00. 0.00.00.00. 0.00.00.00. 0.00.00.00. 0.00.00.00. 0.00.00. 1.00.00. 1.00.00. 0.00.00.00. 0.00.00.00. 0.00.00.00. 0.00.00.00. 0.00.00. 1.00.00. 1.00.00. 0.00.00.00. 0.00.00.00. 0.00.00.00. 0.00.00. 0.00.00. 1.00.00. 1.00.00. 1.00.00. 0.00.00.00. 0.00.00.00. 0.00.00.00. 0.00.00. 0.00.00. 1.00.00. 1.00.00. 1.00.00. 0.00.00.00. 0.00.00.00. 0.00.00.00. 0.00.00. 0.00.00. 1.00.00. <	Jul-14	303,538,549	41,576,972	91,060,577	436,176,098	14,658,320	1,534,375	917,000	154,000	17,263,695
MATANAMA	Aug-14	324,126,646	47,327,951	114,365,479	485,820,076	15,784,677	1,940,500	000'686	144,000	18,858,177
13.2.1.0.1.18 3.8.1.5.4.10 7.6.1.4.7.90 7.6.0.00 7.5.0.00 11.0.2.0.2.1.2.1.1 2.3.2.5.0.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2	Sep-14	301,913,484	44,677,080	105,187,958	451,778,522	14,360,555	1,982,925	863,250	105,500	17,312,230
MATERIANS ASSESSMENT ASSESSMENT TATATOM LATATOM	Oct-14	213,700,183	38,039,162	76,114,793	327,854,138	10,231,568	1,491,750	765,000	145,750	12,634,068
MAYMENTAL 2.0.2.0.2.0. 1.0.2.0.0. 1.0.2.0.0. 1.0.0.0.0. 2.0.0.0. MAYMENTAL 2.0.2.0.0.0. 1.0.2.0.0. 1.0.2.0.0.0. 1.0.0.0.0. 2.0.0.0. 2.0.0.0. MAYMENTAL 2.0.2.0.0.0.0. 1.0.2.0.0.0.0. 1.0.0.0.0.0. 1.0.0.0.0.0. 2.0.0.0. 2.0.0.0. 2.0.0.0. MAYMENTAL 2.0.0.0.0.0.0.0. 1.0.0.0.0.0.0. 1.0.0.0.0.0.0. 1.0.0.0.0.0.0. 1.0.0.0.0.0.0. 2.0.0.0.0.0.0. 2.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	Nov-14	103,486,814	24,541,437	13,722,329	141,750,581	6,184,397	880,250	25,500	20,250	7,110,397
86.543.67.3 23.40.00 1.55.71 1.52.70 1.52.70 2.52.00 2.52.00 2.52.00 111.15.65.41.10 23.24.60 1.55.71 1.55.71 1.52.70 1.52.70 41.250 41.250 111.15.65.41.10 23.24.60 1.55.21 1.52.71.40 5.50.05 1.52.70 41.250 3.25.00 111.15.65.41.10 23.25.40 1.55.20.20 1.52.21.40 1.52.21.40 1.52.21.40 3.25.00 1.52.00 111.15.65.41.10 23.25.40 1.52.21.40 1.52.21.40 1.52.21.40 3.25.00 1.52.00 111.15.65.41.10 23.25.40 1.52.71 1.52.21.40 1.52.71 1.52.72 1.52.72 1.52	Dec-14	93,073,225	23,837,906	192,502	117,103,633	6,412,921	1,038,359	5,500	37,000	7,493,780
19.05.25.4.0.1 10.05.00.4.0.0 10.05.00.4.0.0 10.05.00.4.0.0 10.05.00.4.0 10.05	Jan-15	96,788,271	24,903,181	15,571	121,707,023	6,784,250	449,000	2,250	24,250	7,259,750
10.10.56.4.1.1. 1.5.2.5.4.4.0. 1.10.0.0.4.0. 5.50.0.0 1.2.2.4.0. 1.2.2.2.4.0. 1.2.2.2.4.0. 1.2.2.2.4.0. 1.2.2.2.4.0. 1.2.2.2.4.0. 1.2.2.2.4.0. 1.2.2.2.4.0. 1.2.2.2.2.0. 1.2.2.2.2.0. 1.2.2.2.2.0. 1.2.2.2.2.0. 1.2.2.2.2.0. 1.2.2.2.2.0. 1.2.2.2.2.0. 1.2.2.2.2.0. 1.2.2.2.2.0. 1.2.2.2.2.0. 1.2.2.2.2.2.2.0. 1.2.2.2.2.2.0. 1.2.2.2.2.2.0. 1.2.2	Feb-15	84,534,873	22,349,620	9,933	106,894,426	6,034,500	605,750	3,250	41,250	6,684,750
100.056.411 23.646.653 21.74.14 21.74.14 20.74.24 10.74.14 20.74.24 10.74.14 20.74.24 10.74.14 6.02.34.05 40.00.75 40.00 30.20 2.75.13.14.81 3.75.96.01.03 3.54.05.54.04 3.10.74.03 1.40.00.75 86.00 15.40.00 2.75.13.14.81 3.75.96.01.03 3.54.05.24 3.10.74.03 1.40.00 15.40.00 3.20.05.11.04 3.20.05.03 3.20.00 3.20.00 15.40.00 15.40.00 3.20.05.11.04 3.20.05.03 3.20.00 3.20.00 15.40.00 15.40.00 3.20.05.11.05 3.20.05.00 3.20.00 3.20.00 15.20.00 15.40.00 3.20.05.11.05 3.20.05.00 3.20.00 3.20.00 3.20.00 15.20.00 3.20.05.11.05 3.20.05.00 3.20.00 3.20.00 3.20.00 3.20.00 3.20.05.11.05 3.20.05.00 3.20.00 3.20.00 3.20.00 3.20.00 3.20.05.11.05 3.20.00 3.20.00 3.20.00 3.20.00 3.20.00 3.2	Mar-15	87,970,948	22,628,430	35,224	110,634,602	5,906,963	933,250	41,500	23,000	6,904,713
15.5.56.1.44 27.5.56.54 27.0.6.2.74 27.0.6.2.74 2.0	Apr-15	101,655,411	23,864,635	2,121,141	127,641,186	6,523,456	969,750	40,000	30,250	7,563,456
20.5.12.83 55.00.0021 6.0.002.00 4.0.00.002 6.0.000 14.0.000 20.5.12.848 55.00.0021 6.0.002.00 4.0.000.00 15.0.000 15.0.000 15.0.000 15.0.000 30.5.00.37.7 6.0.002.00 6.0.000.00 15.0.000 15.0.000 15.0.000 15.0.000 30.5.00.37.7 6.0.000.00 15.0.000 15.0.000 15.0.000 15.0.000 15.0.000 20.5.00.37.7 6.0.000.00 15.0.000 15.0.000 15.0.000 15.0.000 15.0.00 15.0.000 20.5.00.00 20.0.00 15.0.000	May-15	156,861,144	27,995,016	25,965,584	210,821,744	8,403,713	1,030,250	203,500	85,000	9,722,463
190 (2017) 30	Jun-15	225,123,383	35,040,515	62,552,597	322,716,495	11,218,750	1,409,875	675,250	140,000	13,443,875
300.900.179 46.20.20.20 1.00.20.20 1.00.20.20 1.00.20.20 300.900.179 46.20.20.20 1.00.20.20 1.00.20.20 1.00.20.20 1.00.20.20 310.90.10.176 45.00.20 1.00.20.20 1.00.20.20 1.00.20.20 1.00.20.20 40.50.20.50 2.00.20.20 1.00.20.20 1.00.20.20 1.00.20.20 1.00.20.20 40.50.20.50 2.00.20.20 1.00.20.20 1.00.20.20 1.00.20.20 1.00.20.20 40.50.20.50 2.00.20.20 1.00.20.20 1.00.20.20 1.00.20.20 1.00.20.20 40.50.20.50 2.00.20.20 1.00.20.20 1.00.20.20 1.00.20.20 1.00.20.20 40.50.20.50 2.00.20.20 1.00.20.20 1.00.20.20 1.00.20.20 1.00.20.20 40.50.20.50 2.00.20.20 1.00.20.20 1.00.20.20 1.00.20.20 1.00.20.20 40.50.20.50 2.00.20.20 1.00.20.20 1.00.20.20 1.00.20.20 1.00.20.20 1.00.20.20 40.50.20.50 2.00.20.20 2.00.20.20 2.00.20.20 2.00.20.20	Jul-15	309,609,320	42,408,512	92,881,788	444,899,620	14,658,320	1,534,375	917,000	154,000	17,263,695
1982/25/51 1862/25	Aug-15	330,609,179	48,274,510	116,652,789	495,536,478	15,784,677	1,940,500	000'686	144,000	18,858,177
1967-264 34,779,448 37,607,168 34,471,220 1,491,790 765,000 145,790 1965-555-51 26,02,268 23,000 13,000 23,000 <td>Sep-15</td> <td>307,951,753</td> <td>45,570,622</td> <td>107,291,717</td> <td>460,814,092</td> <td>14,360,555</td> <td>1,982,925</td> <td>863,250</td> <td>105,500</td> <td>17,312,230</td>	Sep-15	307,951,753	45,570,622	107,291,717	460,814,092	14,360,555	1,982,925	863,250	105,500	17,312,230
96.2936.88 2.4.00.2546 11.9.864.70 11.9.864.70 6.412.91 12.08.20 22.00 22.00 22.00 96.2936.88 2.4.2646.48 11.9.845.70 6.412.91 12.08.20 2.4.20 2.4.20 96.203.05 2.4.2646.48 11.9.845.70 6.043.20 6.043.20 2.5.00 2.4.20 2.4.20 96.203.05 2.2.688.83 11.9.245.20 6.043.20 6.05.20 3.0.20 3.0.20 183.705.17 2.2.688.83 11.2.245.20 6.02.20 3.0.20 3.0.20 3.0.20 2.2.22.858.09.74 3.4.245.20 2.2.246.80 3.2.246.80 3.2.240 4.0.20 3.0.20 2.2.22.858.09.74 3.2.4.245.12 3.2.245.80 3.2.245.80 3.2.240 4.0.20 3.0.20 2.2.22.858.09.74 3.2.4.245.12 3.2.245.80 3.2.245.80 3.2.245.80 3.2.245.80 3.2.245.80 3.2.245.80 3.2.245.80 3.2.245.80 3.2.245.80 3.2.245.80 3.2.245.80 3.2.245.80 3.2.240 3.2.245.80 3.2.240 3.2.240 3.2.240	Oct-15	217,974,186	38,799,945	77,637,089	334,411,220	10,231,568	1,491,750	765,000	145,750	12,634,068
98,700,458 36,324 156,324 150,323 5,200 3,200 3,200 98,700,458 36,346,46 156,320 110,422 449,000 3,250 4,200 3,200 86,700,458 36,400,420 150,420 10,422 10,422 10,422 440,000 3,250 41,200 86,810,380 31,400,420 35,400,430 35,400,430 35,400,430 40,000 32,400 160,155,220 32,400,420 32,400,420 32,400,420 32,400,400 80,000 40,000 316,155,220 32,400,420 32,400,420 32,400,420 40,000 80,000 40,000 316,111,110 43,200,400 46,200,400 46,000 32,200 40,000 80,000 316,111,110 43,200,400 46,000 46,000 46,000 46,000 30,000 40,000 316,111,110 43,200,400 46,000 46,000 46,000 46,000 40,000 40,000 316,111,110 43,200,400 46,000 46,000 46,000<	Nov-15	105,556,551	25,032,266	13,996,776	144,585,592	6.184,397	880,250	25,500	20,250	7.110,397
98,200,252 22,526,446 15,588 12,529 12,259 60,54,500 605,570 22,20 21,200 88,200,152 22,218,562 10,12,920 100,129,028 60,64,500 605,570 32,20 12,200 88,200,152 22,218,562 13,562 11,13,129 50,00,582 90,920 41,200 20,200 110,127,901,12 43,520,52 25,006,582 10,00,290 41,200 10,00 20,200 10,00 110,127,901,12 43,520,582 13,00,20 10,00,20 10,00	Dec-15	94,934,689	24,314,664	196,352	119,445,705	6,412,921	1,038,359	5,500	37,000	7,493,780
68.50.10.16 2.15.6854 10.142 10.142 10.04.50 6.06.570 4.20 4.20 68.50.10.16 2.31.08472 3.56.68 11.2.57.22 6.04.50 6.05.70 4.00 3.20 10.27.50.17 2.34.572 2.35.68 11.2.57.22 11.2.87.22 4.00 3.20 3.20 10.27.50.17 2.34.572 2.35.68 3.25.64 11.2.87.22 1.00.20 3.20 2.22.50.26.4 4.35.61 1.2.6.68 3.25.64 1.2.4.97 3.00 3.20 2.22.50.50.4 4.35.70 4.35.70 4.35.70 4.40.00 3.20 3.35.51.71 4.35.70 4.35.70 4.40.00 3.20 4.40.00 3.35.51.71 4.35.70 4.35.70 4.40.00 4.40.00 4.40.00 3.35.51.71 4.35.70 4.30.70 4.30.70 4.40.00 4.20.00 3.35.51.71 4.35.70 4.30.70 4.30.70 4.40.00 4.40.00 3.35.51.71 4.35.70 4.30.70 4.30.70 4.40.00	Jan-16	98,820,825	25,426,148	15,898	124,262,871	6,784,250	449,000	2,250	24,250	7,259,750
00.700.234 23.006.67 3.656.70 11.23.20 5.006.68 982.70 41,500 23.000 22.08.02.24 2.586.67.02 2.586.68 100.70.02 8.467.73 1.607.02 10.00.00 22.08.02.24 2.586.67.02 2.586.67.02 2.586.67.02 2.586.67.02 1.60.70.00 2.60.00 1.60.70.00 22.08.02.24 2.586.67.02 2.586.67.02 2.59.00 1.60.70.00 1.60.70.00 1.60.70.00 1.60.00 22.08.02.24 2.586.67.02 2.59.00 1.60.00 2.60.00 1.60.00 <t< td=""><td>Feb-16</td><td>86,310,105</td><td>22,818,962</td><td>10,142</td><td>109,139,209</td><td>6,034,500</td><td>605,750</td><td>3,250</td><td>41,250</td><td>6,684,750</td></t<>	Feb-16	86,310,105	22,818,962	10,142	109,139,209	6,034,500	605,750	3,250	41,250	6,684,750
1007/2021A 24,8658/2012 21,030,105 6,523,466 9,607/20 40,000 30,200 1007/2021A 24,868,2012 26,500,861 21,030,105 21,030,202 1,607,002,70 30,200 30,000 316,128,802,202 35,501,861 26,500,861 22,204,803,81 113,124,900 15,400 16,000 316,13,137 46,202,202 115,002,407 11	Mar-16	89,818,338	23,103,627	35,963	112,957,928	5,906,963	933,250	41,500	23,000	6,904,713
2008.05.20.3 35.75.64.0 26.56.04.0 8.45.02.2 1.12.18.7.0 6.75.2.0 6.75.2.0 8.50.00 220.86.02.0 35.71.65.6 35.75.65.6 15.886.20.0 8.45.2.0.2 1.12.18.7.0 6.75.2.0 6.75.2.0 1.40.00.0 220.86.02.0 45.20.20.2 1.40.88.2 1.40.00.0 8.63.2.0 1.40.00.0 1.	Apr-16	103,790,174	24,365,792	2,165,685	130,321,651	6,523,456	969,750	40,000	30,250	7,563,456
2.25.5(1)41 4.32.9(2)49 5.3.5(2)42 4.5.4.2(2)42 1.12.8(2)40	May-16	160,155,229	28,582,911	26,510,861	215,249,001	8,403,713	1,030,250	203,500	85,000	9,722,463
335,513,11 49,289,200 94,682,20 146,68,20 146,68,20 146,00 146,00 337,513,11 49,289,200 19,482,20 94,682,20 146,00 146,00 146,00 337,513,11 49,288,20 110,040 96,24 110,240 110,240 146,00 1	Jun-16	229,850,974	35,776,366	63,866,202	329,493,541	11,218,750	1,409,875	675,250	140,000	13,443,875
314,181,201 40,282,78 40,282,78 1,91,02,49 40,929,17,44 41,784,79 40,920,29 41,000 1,000 22,555,64 86,227,605 10,95,44,84 40,924,784 43,021,784 10,213,582 14,91,756 76,500 145,750 10,25,51,64 30,513,74 10,243,886 10,231,587 10,381,399 25,500 16,250 14,517 10,25,51,64 10,240,708 11,153,124 10,381,399 5,250 75,00 17,20 10,25,523 25,550,497 10,581,204 11,153,124 10,381,394 5,250 14,200 17,20 10,25,523 25,550,497 10,581,204 6,784,207 1,784,202 14,200 17,20 17,20 110,586,723 25,500,977 10,581,743 11,143,125 6,784,207 14,200 17,20 17,20 110,586,724 25,500,977 10,581,743 11,143,125 11,200 17,20 17,20 17,20 110,586,724 25,500 27,20 27,20 27,20 27,20 27,20	Jul-16	316,111,116	43,299,090	94,832,306	454,242,512	14,658,320	1,534,375	917,000	154,000	17,263,695
232,551,644 64,047,04 193,546,843 40,404,188 14,360,556 14,92,556 16,52,53 16,52,53 16,52,50<	Aug-16	337,551,971	49,288,275	119,102,497	505,942,744	15,784,677	1,940,500	000'686	144,000	18,858,177
1077555644 3554744 778,07488 341,478.88 1,0231,568 1,0231,568 1,0231,568 1,0231,568 1,0231,568 1,0231,568 1,0231,568 1,0231,568 1,0231,568 1,0231,568 1,0231,568 1,0231,568 1,0231,568 1,0231,568 1,0232 1,11,543,172 6,142,273 1,033359 5,500 37,200 37,000 88,12,623 25,966,037 1,035 11,1431,132 6,034,200 6,732 4,120 24,200 1,200	Sep-16	314,418,740	46,527,605	109,544,843	470,491,188	14,360,555	1,982,925	863,250	105,500	17,312,230
1077333 25,5794 44,206,75 44,206,75 6,184,397 88,0250 5,500 20,250 10,0586,62 24,525,434 16,232 11,0687,23 6,784,250 5,500 3,000 10,0586,62 25,500,62 16,232 11,284,768 6,784,250 449,000 2,426 10,0586,62 25,284,64 16,232 11,284,726 6,784,520 445,000 2,420 10,0586,62 24,278,44 24,277,43 2,276 44,500 2,420 10,55,164 24,278,44 44,708,73 1,218,75 1,403,60 140,00 10,55,164 44,08,73 2,275,27 2,47,84 1,47,00 1,400 10,55,164 44,08,78 1,403,20 1,400 1,400 1,400 10,55,164 44,08,78 1,400 1,400 1,400 1,400 10,55,164 44,08,78 1,400 1,400 1,400 1,400 10,55,17,47 1,400 1,400 1,400 1,400 1,400 10,55,17 <	Oct-16	222,551,644	39,614,744	79,267,468	341,433,856	10,231,568	1,491,750	765,000	145,750	12,634,068
10.58.318 2.5.50 2.5.00 3.7.000 10.58.318 2.5.50 10.35.51 2.5.00 3.7.000 10.58.318 2.5.50 10.35.5 12.1.54.05 6.784.29 4.10.83.59 2.5.00 2.5.00 88.172.517 2.3.298,160 10.35.5 11.4.31.132 6.034.50 6.034.50 2.5.00 4.12.00 2.5.00 10.5.98.406 1.0.25.80 1.0.35.5 1.1.4.31.132 6.034.50 4.0.200 3.2.00 10.5.98.788 2.4.877.473 2.1.1.65 1.1.4.31.132 6.034.50 4.0.200 3.2.00 10.5.18.488 2.4.877.473 2.2.1.1.65 1.1.4.31.132 6.034.50 4.0.200 3.2.00 10.5.18.488 2.4.877.473 2.5.0.6.93 3.2.0.703.29 3.2.0.703.20 3.0.000 3.0.000 2.1.5.18.488 3.6.27.804 4.0.200 3.0.000 3.0.000 3.0.000 3.0.000 2.1.5.8.48.48 3.6.27.804 4.0.200 3.0.000 3.0.000 3.0.000 3.0.000 3.0.000 3.0.000 3.0.	Nov-16	107,773,238	25,557,944	14,290,708	147,621,890	6,184,397	880,250	25,500	20,250	7,110,397
400.866.06 2 25.860.097 10.532 112.657.331 6.784.20 6.048.00 2.250 4.250 817.04.52 3 23.286.06 2 3.560.097 10.555 11.431.12 6.048.00 6.048.00 2.250 41.500 23.00 81.704.52 3 23.288.80 3.67.18 115.330,045 5.90.696 993.250 41.500 23.00 105.96 7 23.288.80 3.57.169 2.21.1,65 21.300,045 5.20.00 40.00 3.05.00 105.518.488 25.27.669 2.25.2766 6.05.30,30 21.40,875 6.00 10.00 3.00 32.46.784 25.27.669 2.27.769 46.00 11.288.70 1.40,887 6.00 10.00 3.00 32.46.784 35.27.769 46.00 5.00 11.40,887 1.40,887 6.00 1.40,000 1.40,000 1.40,000 1.40,000 1.40,000 1.40,000 1.40,000 1.40,000 1.40,000 1.40,000 1.40,000 1.40,000 1.40,000 1.40,000 1.40,000 1.40,000 1.40,000<	Dec-16	96,928,318	24,825,272	200,475	121,954,065	6,412,921	1,038,359	5,500	37,000	7,493,780
91,725,57 23,588,813 36,714 11,431,12 6,05,750 3,250 41,250 23,200 91,725,58 23,588,813 36,711,615 115,330,045 5,906,932 933,250 23,000 23,000 105,969,783 2,487,713 13,008,406 6,523,456 969,750 40,000 30,250 234,687,848 2,211,165 133,008,406 6,523,456 14,092,87 6,000 30,250 234,640,553 6,527,826 6,520,732 316,412,905 14,093,87 6,000 14,000 10,000 234,640,554 6,527,626 6,207,324 14,658,37 14,093,87 6,000 14,000 10,000 321,749,44 44,208,371 14,608,37 14,608,37 14,409,30 14,000 14,000 321,749,44 44,208,371 14,608,37 14,409,30 14,409,30 14,400 14,500 14,500 321,725,24 44,400 1,14,40,30 14,400 14,400 14,500 14,500 14,500 14,500 14,500 14,500 14	Jan-17	100,896,062	25,960,097	16,232	126,872,391	6,784,250	449,000	2,250	24,250	7,259,750
91,704,523 23,8880 36,718 13,30,045 5,906,98 969,780 40,000 30,250 105,969,78 24,314,68 23,486 65,23,486 969,720 40,000 30,250 116,518,48 25,183,133 27,11,465 13,190,820 1,134,927 20,33,20 140,000 30,250 23,27,09,48 45,57,66 6,620,332 46,683,20 46,683,20 146,680 1,134,927 140,000 140,000 23,27,09,48 40,033,229 12,1603,660 51,667,541 1,5784,677 1,940,500 144,000 144,000 32,70,23,22 40,046,63 30,323,329 46,582,784 46,582,784 46,582,784 46,582,784 46,582,784 46,582,784 144,000 144,000 144,000 32,70,21,22 40,466,63 11,10,362 11,946,503 1,946,503 144,500 144,000 145,000 32,70,24 40,003 11,003,240 11,003,240 1,946,503 1,946,503 144,500 144,500 32,70,42 40,003 11,003,240	Feb-17	88,122,617	23,298,160	10,355	111,431,132	6,034,500	605,750	3,250	41,250	6,684,750
105.084.08 2.9487743 2.211.165 113.08.406 6.5234.56 6.96570 40,000 83,020 105.08.48 2.9487743 2.210.05.58 3.86,412.905 11,218.73 1,030,250 85,000 140,000 2.34,677.84 36,527.669 65,207.382 386,412.905 11,218.73 1,408.273 675.250 140,000 1 3.24,640.58 40,208.31 96,5207.382 386,412.905 11,218.73 1,903.500 140,000 1 3.24,640.58 40,208.31 96,5207.382 40,371.503 1,403.505 1,403.000 1,400.00 1 3.21,021.53 40,446.63 80,321.883 40,371.503 1,436.525 1,436.503 1,456.500 1,450.00 1,450.00 1,457.00 1,450.00 1,457.00 <t< td=""><td>Mar-17</td><td>91,704,523</td><td>23,588,803</td><td>36,718</td><td>115,330,045</td><td>5,906,963</td><td>933,250</td><td>41,500</td><td>23,000</td><td>6,904,713</td></t<>	Mar-17	91,704,523	23,588,803	36,718	115,330,045	5,906,963	933,250	41,500	23,000	6,904,713
163,784,88 23,776,848 23,075,589 249,799,230 8,402,09 1,12,879 1,030,25 203,50 8,000 234,778,448 44,708,371 66,823,784 463,781,695 11,218,793 1,409,875 67,526 140,000 322,748,49 44,708,371 66,823,784 463,781,695 11,534,575 140,000 154,000 154,000 322,748,49 44,708,371 19,68,23,28 121,603,600 121,603,600 144,000 144,000 115,000 321,725,22 47,504,645 11,003,6476 5,694,611 14,500,813 110,231,58 14,900,500 144,000 144,000 110,036,476 5,694,611 14,500,813 110,231,58 1,491,500 15,50 145,00 114,00 11 110,036,476 5,694,611 14,500,813 14,400,52 1,400,00 145,750 14,00 11 110,036,476 5,694,611 14,500,813 11,41,515 1,440,00 2,500 14,00 14,550 110,031,12,10 11,000,820 11,000,820 11,000	Apr-17	105,969,768	24,877,473	2,211,165	133,058,406	6,523,456	969,750	40,000	30,250	7,563,456
234,677,844 36,527,669 66,507,392 336,412,005 1,1218,750 1,400,875 675,250 140,000 1 322,740,444 36,207,663 66,507,392 336,412,005 16,586,741 15,786,377 1,340,500 862,250 140,000 1 344,40,463 60,233,329 111,685,885 46,376,507 1,340,500 863,250 144,000 1 227,225,229 40,4663 80,932,085 346,036 11,485,285 16,491,750 16,500 145,000 10,550 110,036,12 40,4663 80,932,085 126,514,150 6,142,921 1,038,339 5,500 140,500 10,550 110,036,103 26,546,603 126,514,603 112,515,101 6,142,921 1,038,339 5,500 37,000 10,550 10,550 37,000 10,300 37,000 10,550 37,000 10,550 37,000 10,300 37,000 10,550 37,000 10,550 37,000 10,300 37,000 10,550 37,000 10,500 10,500 10,500 <td< td=""><td>May-17</td><td>163,518,488</td><td>29,183,153</td><td>27,067,589</td><td>219,769,230</td><td>8,403,713</td><td>1,030,250</td><td>203,500</td><td>85,000</td><td>9,722,463</td></td<>	May-17	163,518,488	29,183,153	27,067,589	219,769,230	8,403,713	1,030,250	203,500	85,000	9,722,463
334,646,563 64,208,3734 44,208,3784 46,781,605 1,554,375 1,534,375 917,000 154,000 154,000 334,646,563 50,333,323 121,683,563 131,635,524 11,685,235 1,982,925 883,200 144,000 1 311,021,534 47,546,653 111,845,285 346,037,53 14,340,53 14,941,75 765,000 145,700 1 217,025,229 40,446,653 80,932,085 346,037,53 10,231,589 1,491,750 765,000 145,750 1 10,213,084 25,346,603 16,556 124,515,101 6,184,397 86,235 5,500 37,000 1 10,213,084 26,479,299 16,556 124,415,101 6,142,202 44,900 2,550 37,000 10,213,084 26,479,299 16,556 124,415,101 6,142,202 44,200 3,000 10,213,084 26,479,299 11,566,466 5,066,564 5,066,564 5,066,564 5,224,664 5,066,564 5,066,564 5,066,564 41,250 14,000	Jun-17	234,677,844	36,527,669	65,207,392	336,412,905	11,218,750	1,409,875	675,250	140,000	13,443,875
314,640,563 50,23,329 121,603,650 516,567,541 15,446,77 1,940,500 889,000 144,000 314,640,563 40,504,685 112,603,450 516,567,541 14,360,555 1,982,925 889,000 145,700 1 217,252,29 40,446,685 81,932,085 38,603,97 10,231,588 1,438,250 25,500 145,700 1 110,036,476 26,094,661 14,590,813 150,721,980 61,84,397 180,250 25,500 20,250 20,250 20,250 10,250 10,250 145,750 145,750 10,250 20,	Jul-17	322,749,449	44,208,371	96,823,784	463,781,605	14,658,320	1,534,375	917,000	154,000	17,263,695
31,01,534 47,504,685 11,845,285 480,371,534 14,380,585 1,982,925 863,250 105,500 105,500 10,036,472 40,546,653 86,932,083 11,845,285 16,346,633 14,5750 14,5750 14,5750 10,036,472 26,044,661 14,960,813 124,515,101 6,412,921 1,038,379 5,500 20,250 20,250 10,036,472 26,044,613 126,526 124,515,101 6,412,921 1,038,379 5,500 20,250 20,250 10,2913,944 26,479,229 16,556 117,636,46 5,784,250 449,000 2,250 24,250 102,913,944 26,479,229 16,586 117,636,46 5,784,250 440,000 2,250 108,083,163 25,375,023 2,256,388 115,749,574 6,533,46 969,770 40,000 30,250 106,788,888 29,766,816 27,668,941 224,164,615 8,403,713 1,030,250 85,000 144,000 106,788,888 29,766,816 27,668,941 224,164,615 8,403,	Aug-17	344,640,563	50,323,329	121,603,650	516,567,541	15,784,677	1,940,500	000'686	144,000	18,858,177
272,252,29 40,446553 80,932,085 348,663 9G 14,41,750 765,000 145,750 10,036,476 16,750 16,750 17,700 10,036,476 16,750 16,750 16,750 17,700 10,036,476 16,750 16,750 16,750 16,750 16,750 17,750 17,750 17,750 17,750 17,750 17,750 17,750 17,750 17,750 17,750 17,750 17,750 17,750 17,750 17,250 <th< td=""><td>Sep-17</td><td>321,021,534</td><td>47,504,685</td><td>111,845,285</td><td>480,371,503</td><td>14,360,555</td><td>1,982,925</td><td>863,250</td><td>105,500</td><td>17,312,230</td></th<>	Sep-17	321,021,534	47,504,685	111,845,285	480,371,503	14,360,555	1,982,925	863,250	105,500	17,312,230
10,36,476 26,304,661 14,590,813 150,721,590 6,184,397 880,250 25,500 20,250 10,2913,984 25,3046,603 25,3046,603 26,403,203 12,500 37,000 37,000 102,913,984 26,479,294 16,556 112,409,839 6,784,500 449,000 2,250 44,250 89,885,069 23,764,124 10,562 113,659,753 6,034,500 605,750 41,500 23,000 89,885,069 23,764,124 10,562 117,636,646 5,906,963 933,250 41,520 41,250 106,089,163 25,375,023 2,255,388 117,636,646 5,906,963 969,760 41,500 30,250 293,71,401 37,258,223 66,511,540 343,14,14 11,218,733 65,375 675,250 140,000 10 31,533,374 51,329,795 124,035,723 556,898,892 15,784,677 1,940,500 880,200 140,000 31,533,374 51,250,795 14,682,190 489,978 14,688,320 14,682,202 14,000	0ct-17	227,225,229	40,446,653	80,932,085	348,603,967	10,231,568	1,491,750	765,000	145,750	12,634,068
95,203,501.2 24,70,00.3 24,00.0 25,00.0 3,50.0 3,50.0 3,50.0 102,513,844 26,743,294 10,562 129,409,832 6,044,200 6,045,00 2,50.0 24,500 89,885,069 23,764,124 10,562 113,659,755 6,034,500 665,750 24,500 23,000 41,250 24,000 23,000 41,250 23,000 41,250 23,000	Nov-1/	110,036,476	26,094,661	14,590,813	150,721,950	6,184,397	1 038 350	25,500	20,250	785,011,7
86,885,089 237,64,124 10,562 12,056,63 6,034,50 42,000 2,500 41,250 41,250 41,250 93,386,14 24,066,579 37,453 117,636,646 5,906,633 933,250 41,500 23,000 41,250 108,089,163 25,376,021 2,255,388 12,5719,574 6,523,456 969,750 40,000 30,250 30,250 108,089,163 25,376,021 27,608,941 24,164,615 8,403,713 1,030,250 40,000 30,250 10,000 239,371,401 37,28,5223 66,511,540 473,057,237 11,218,750 1,030,250 140,000 1140,000 325,204,438 45,92,563 98,760,260 473,057,237 14,688,320 1,384,375 144,000 144,000 114,000 315,333,74 48,434,778 114,082,190 489,978,933 14,380,550 1,982,925 1,982,920 144,000 144,000 31,533,74 48,447,78 14,082,190 489,978,933 14,380,550 1,982,920 14,400 14,500	Jac-17	30,303,012	25,346,603	16 556	124,313,101	0,412,921	440,000	2,500	37,000	7 250 750
93,536,14 2,506,14 40,000 40	Jan-10	90 885 060	73 764 124	10,530	113 650 755	6.034 500	605 750	2,230	71 250	6 684 750
166,788,858 25,35,023 2,255,388 135,719,574 6,523,466 969,760 40,000 30,250 166,788,858 29,766,816 27,568,941 224,164,615 8,403,713 1,030,250 85,000 85,000 239,371,401 37,258,223 66,511,540 343,141,164 11,218,750 1,409,875 675,250 140,000 154,000 329,204,438 45,025,539 98,760,260 473,057,237 14,658,320 1534,375 140,000 154,000 154,000 321,533,374 44,502,539 98,760,260 473,057,237 14,658,320 1,534,375 989,000 144,000 144,000 321,533,374 44,56,778 114,082,537 14,688,320 1,584,537 14,400 10,550 114,000 321,769,733 41,255,87 325,76,88 6,143,405 6,143,175 16,500 145,750 114,000 110,237,26 26,165,584 489,273 10,21,584 880,250 20,500 145,750 114,000 100,943,088 25,853,535 16,887	Mar-18	93 538 614	24.060.579	37 453	117 636 646	5 906 963	933 250	41 500	23,000	6 904 713
166,788,888 29,766,816 27,608,941 224,164,615 8,403,713 1,030,250 203,500 85,000 239,371,401 37,258,223 66,511,540 343,141,164 11,218,750 1,409,875 675,250 140,000 329,204,438 45,092,539 98,760,260 473,057,237 14,658,320 1,534,375 154,000 154,000 351,533,374 51,329,795 124,035,723 256,898,892 15,784,677 1,494,500 144,000 144,000 327,441,964 48,502,587 355,76,046 10,231,568 1,491,750 765,000 145,750 1 100,943,088 25,853,535 16,887 127,005,403 6,124,397 880,250 20,250 145,750 1 100,943,088 25,853,535 16,887 127,005,403 6,124,291 1,038,339 5,500 24,250 24,250 100,943,088 27,008,885 16,887 131,998,036 6,034,500 6,034,500 2,250 24,250 91,682,771 24,239,406 10,773 113,998,036 6,	Apr-18	108.089.163	25.375.023	2.255.388	135.719.574	6.523.456	969.750	40.000	30.250	7.563,456
239,371,401 37,28,223 66,511,540 343,141,164 11,218,750 1,409,875 675,250 140,000 329,204,438 45,092,539 98,760,260 473,057,237 14,658,320 1,534,375 917,000 154,000 1 351,533,374 51,329,795 124,035,723 25,888,892 15,784,677 1,940,500 989,000 144,000 1 31,533,374 48,545,778 114,082,190 48,275,726 16,387,80 16,382,925 16,382,925 16,382,720 16,500 144,000 1 102,233,206 26,16,554 14,082,507 153,756,39 6,184,397 880,250 145,750 1 100,943,08 25,553,32 16,887 127,005,403 6,124,291 1,038,339 5,500 37,000 104,972,263 27,008,885 16,887 131,998,036 6,034,500 6,034,500 2,250 24,250 91,682,771 24,239,406 10,773 115,932,950 6,034,500 6,034,500 3,250 24,250	May-18	166,788,858	29,766,816	27,608,941	224,164,615	8,403,713	1,030,250	203,500	85,000	9,722,463
329,204,438 45,092,539 98,760,260 473,057,237 14,688,320 1,534,375 917,000 154,000 1 351,533,374 51,329,795 124,035,723 526,888,892 15,784,677 1,940,500 989,000 144,000 1 321,633,374 48,455,478 114,082,190 489,786,333 14,360,555 1,940,500 144,000 1 231,769,733 44,255,87 82,550,726 16,231,568 16,231,568 140,1750 765,000 145,750 1 110,231,206 26,165,534 14,882,629 153,736,38 6,124,321 1,038,339 5,500 37,000 100,943,088 25,853,535 16,887 131,998,036 6,734,250 449,000 2,250 24,250 104,972,263 27,008,885 16,887 131,998,036 6,034,500 6,034,500 2,250 24,250 91,682,771 24,239,406 10,773 115,932,950 6,034,500 6,034,500 2,250 24,250	Jun-18	239,371,401	37,258,223	66,511,540	343,141,164	11,218,750	1,409,875	675,250	140,000	13,443,875
351,533,374 51,329,795 124,035,723 526,898,892 15,784,677 1,940,500 989,000 144,000 1 327,441,964 48,454,778 114,082,130 489,978,933 14,360,555 1,982,925 863,250 105,500 1 231,766,733 41,255,87 82,550,726 35,500 145,750 1 1 112,237,206 25,616,554 14,882,535 14,825,835 6,142,931 5,500 37,00 37,00 100,943,088 25,835,535 16,887 131,998,036 6,784,250 449,000 2,250 37,00 91,682,771 24,239,406 10,773 115,932,950 6,034,500 605,750 449,000 2,250 41,250	Jul-18	329,204,438	45,092,539	98,760,260	473,057,237	14,658,320	1,534,375	917,000	154,000	17,263,695
327.44,964 48,454,778 114,082,190 489,978,933 14,360,555 1,982,925 863,250 105,500 1 231,769,73 41,255,57 82,550,726 35,576,046 10,231,568 1,441,750 765,000 145,750 1 112,237,206 26,165,54 14,882,629 153,736,389 6,412,921 1,038,359 5,500 20,250 100,943,088 25,616,55 16,887 131,998,036 6,784,250 449,000 2,250 37,000 104,972,263 27,008,885 16,887 131,998,036 6,784,250 6,034,500 2,250 24,250 91,682,771 24,239,406 10,773 115,932,950 6,034,500 605,750 3,250 41,250	Aug-18	351,533,374	51,329,795	124,035,723	526,898,892	15,784,677	1,940,500	000'686	144,000	18,858,177
231,769,733 41,255,87 82,550,726 355,76,046 10,231,568 1,491,750 765,000 145,750 1 112,237,206 26,616,554 14,882,629 153,736,389 6,184,397 880,250 25,500 20,250 20,250 100,943,088 25,833,535 208,779 127,005,403 6,412,921 1,038,359 5,500 37,000 104,972,263 27,008,885 16,887 131,998,036 6,784,250 449,000 2,250 24,250 91,682,771 24,239,406 10,773 115,932,950 6,034,500 605,750 3,250 41,250	Sep-18	327,441,964	48,454,778	114,082,190	489,978,933	14,360,555	1,982,925	863,250	105,500	17,312,230
112,237,206 26,616,554 14,882,629 153,736,389 6,184,397 880,250 25,500 20,250 100,943,088 25,833,535 208,779 127,005,403 6,412,921 1,038,359 5,500 37,000 104,972,263 27,008,885 16,887 131,998,036 6,784,250 449,000 2,250 24,250 91,682,771 24,239,406 10,773 115,932,950 6,034,500 605,750 3,250 41,250	Oct-18	231,769,733	41,255,587	82,550,726	355,576,046	10,231,568	1,491,750	765,000	145,750	12,634,068
100,943,088 25,853,535 208,779 127,005,403 6,412,921 1,038,359 5,500 37,000 104,972,263 27,008,885 16,887 131,998,036 6,784,250 449,000 2,250 24,250 91,682,771 24,239,406 10,773 115,932,950 6,034,500 605,750 3,250 41,250	Nov-18	112,237,206	26,616,554	14,882,629	153,736,389	6,184,397	880,250	25,500	20,250	7,110,397
104,972,263 27,008,885 16,887 131,998,036 6,784,250 449,000 2,250 24,250 91,682,771 24,239,406 10,773 115,932,950 6,034,500 605,750 3,250 41,250	Dec-18	100,943,088	25,853,535	208,779	127,005,403	6,412,921	1,038,359	5,500	37,000	7,493,780
91,682,771 24,239,406 10,773 115,932,950 6,034,500 605,750 3,250 41,250	Jan-19	104,972,263	27,008,885	16,887	131,998,036	6,784,250	449,000	2,250	24,250	7,259,750
The same of the sa	Feb-19	91,682,771	24,239,406	10,773	115,932,950	6,034,500	605,750	3,250	41.250	6.684.750

Date	Inside Residential	Inside Multi-Family	Inside Irrigation	Inside Residential Total SF+ MF	Outside Residential	Outside Multi-Family	Outside Irrigation	Outside Res - Special Base	Outside Res - Special Base Outside Residential Total SF+ MF
Apr-19	110,250,947	25,882,523	2,300,496	138,433,966	6,523,456	052'696	40,000	30,250	93'429
May-19	170,124,635	30,362,152	28,161,120	228,647,907	8,403,713	1,030,250	203,500	85,000	9,722,463
Jun-19	244,158,829	38,003,387	67,841,770	350,003,987	11,218,750	1,409,875	675,250	140,000	13,443,875
Jul-19	335,788,527	45,994,389	100,735,465	482,518,381	14,658,320	1,534,375	917,000	154,000	17,263,695
Aug-19	358,564,042	52,356,391	126,516,437	537,436,870	15,784,677	1,940,500	000'686	144,000	14,858,177
Sep-19	333,990,804	49,423,874	116,363,834	499,778,512	14,360,555	1,982,925	863,250	105,500	17,312,230
Oct-19	236,405,128	42,080,698	84,201,741	362,687,567	10,231,568	1,491,750	765,000	145,750	12,634,068
Nov-19	114,481,950	27,148,885	15,180,282	156,811,116	6,184,397	880,250	25,500	20,250	761011,7
Dec-19	102,961,950	26,370,606	212,955	129,545,511	6,412,921	1,038,359	5,500	37,000	7,493,780
Jan-20	107,071,709	27,549,063	17,225	134,637,996	6,784,250	449,000	2,250	24,250	052'657'2
Feb-20	93,516,426	24,724,194	10,988	118,251,609	6,034,500	605,750	3,250	41,250	6,684,750
Mar-20	97,317,573	25,032,627	996′88	122,389,166	2,906,963	933,250	41,500	23,000	6,904,713
Apr-20	112,455,965	26,400,174	2,346,506	141,202,645	6,523,456	969,750	40,000	30,250	7,563,456
May-20	173,527,128	30,969,395	28,724,342	233,220,865	8,403,713	1,030,250	203,500	85,000	9,722,463
Jun-20	249,042,006	38,763,455	909'861'69	357,004,067	11,218,750	1,409,875	675,250	140,000	13,443,875
Jul-20	342,504,297	46,914,277	102,750,174	492,168,749	14,658,320	1,534,375	917,000	154,000	17,263,695
Aug-20	365,735,322	53,403,519	129,046,766	548,185,607	15,784,677	1,940,500	000'686	144,000	14,858,177
Sep-20	340,670,620	50,412,351	118,691,111	509,774,082	14,360,555	1,982,925	863,250	105,500	05,312,330
Oct-20	241,133,231	42,922,312	85,885,776	369,941,319	10,231,568	1,491,750	265,000	145,750	12,634,068
Nov-20	116,771,589	27,691,863	15,483,887	159,947,339	6,184,397	880,250	25,500	20,250	26'011'2
Dec-20	105,021,189	26,898,018	217,214	132,136,421	6,412,921	1,038,359	2,500	32,000	084,684,7

			_						
Date	Inside Commercial	Outside Commercial Outside Com -	Special Base Outside Com Tota			Inside - City	Outside - City	City Uses	Industrial
Jan-05	23,395,700	1,428,340		1,428,340	24,824,040	860,000		- 860,000	3,921,000
Feb-05		1,267,960		1,267,960	21,408,360	000'026		- 970,000	
Mar-05	20,826,600	1,208,110	- 1	1,208,110	22,034,710	729,000		. 729,000	3,624,000
Apr-05	5 22,561,800	1,247,040		1,247,040	23,808,840	000'096	0	000,096	0 4,156,000
May-05	28,669,600	1,367,240	- 1	1,367,240	30,036,840	1,993,800		1,993,800	4,649,000
Jun-05	45,763,111	2,041,240		2,041,240	47,804,351	6,301,000	0	- 6,301,000	767,000
Jul-05		2,544,070		2,544,070	65,230,159	11,993,000	0	11,993,000	0 4,983,000
Aug-05	71,919,800	2,607,370	-	2,607,370	74,527,170	13,023,000		- 13,023,000	0 6,783,000
Sep-05	63,051,800	2,722,200	-	2,722,200	65,774,000	000'609'6	0	000'609'6	2) (2) (2) (3) (3) (3)
Oct-05	54,501,022	2,053,160		2,053,160	56,554,182	5,632,000	0	5,632,000	5,458,000
Nov-05	5 26,677,000	642,579		995,579	27,672,579	000'696	0	000'696	3,876,000
Dec-05	26,098,600	1,538,120	- 1	1,538,120	27,636,720	588,000		- 588,000	3,977,000
Jan-06	5 22,410,600	1,287,070	-	1,287,070	23,697,670	739,000	0	739,000	0 4,044,000
Feb-06		1,154,330		1,154,330	22,518,730	615,000	0	- 615,000	2,872,000
Mar-06	5 22,057,400	1,197,530	- 1	1,197,530	23,254,930	802,000		802,000	3,244,000
Apr-06	24,236,000	1,307,580		1,307,580	25,543,580	1,042,000	0	1,042,000	3,558,000
May-06		1,797,860		1,797,860	43,524,170	4,705,000	0	4,705,000	
90-unf	62,753,890	2,553,730		2,553,730	65,307,620	11,930,000	0	- 11,930,000	0 4,636,000
90-Inf	77,074,800	2,720,570	-	2,720,570	79,795,370	15,421,000	0	15,421,000	0 6,684,000
Aug-06	69,554,800	3,326,800	-	3,326,800	72,881,600	14,329,000		14,329,000	6,764,900
90-dəS	99,675,900	2,673,210	-	2,673,210	69,349,110	12,624,000	0	12,624,000	5,296,000
Oct-06	54,335,000	1,967,490	- 1	1,967,490	56,302,490	5,054,000		5,054,000	5,408,000
Nov-06	29,062,700	1,313,140	- 1	1,313,140	30,375,840	913,000		913,000	3,982,000
Dec-06	5 26,172,152	690'063		989,063	27,161,215	694,029	6	- 694,029	9 4,320,000
Jan-07	23,625,302	1,128,697		1,128,697	24,753,999	702,971		- 702,971	3,564,500
Feb-07		1,451,000		1,451,000	24,634,881	936,000	0	- 936,000	
Mar-07	23,530,900	1,724,000		1,724,000	25,254,900	814,000	0	- 814,000	7 4,048,000
Apr-07		1,129,000		1,129,000	27,387,200	1,233,000	0	1,233,000	
May-07		1,261,330		1,261,330	33,373,730	2,136,000	0	- 2,136,000	7 4,487,000
Jun-07		2,012,670		2,012,670	56,936,270	10,475,000	0	10,475,000	
Jul-07		2,934,720		2,934,720	82,061,720	15,282,000	0	15,282,000	
Aug-07		2,536,280		2,536,280	74,305,480	14,333,000	0	- 14,333,000	
Sep-07	69,579,511	2,215,620		2,215,620	71,795,131	11,958,000		- 11,958,000	5,433,000
Oct-07		2,082,380		2,082,380	55,525,289	8,122,000	0	8,122,000	
Nov-07		1,408,000		1,408,000	32,851,400	1,489,000	0	1,489,000	
Dec-07		1,097,000		1,097,000	27,374,800	781,000	0	. 781,000	0 4,285,000
Jan-08		1,168,610		1,168,610	29,261,010	673,000	0	- 673,000	
Feb-08	28,521,000	1,002,390		1,002,390	29,523,390	000'869	0	- 698,000	
Mar-08		994,000		994,000	30,162,800	870,000	0	870,000	
Apr-08		1,034,860		1,034,860	31,073,708	1,214,000	0	1,214,000	
May-08		1,443,140		1,443,140	45,863,640	4,640,000	0	4,640,000	
80-unr		1,849,000		1,849,000	67,228,000	9,119,000		9,119,000	
80-Inf		2,214,000		2,214,000	73,195,400	13,867,000		13,867,000	
Aug-08	31,172,600	000,126,2		2,367,000	75 036 000	17,030,000		000,030,000	
3ch-08		1502,000		1 502 000	62 547 000	7 867 000		000,771,01	
Nov-08		1,137,000	-	1,137,000	39,547,475	2,063,000	0	2,063,000	
Dec-08		1,033,000		1,033,000	31,428,643	976,000	0	976,000	
Jan-09	29,544,816	1,016,000		1,016,000	30,560,816	940,000	0	940,000	
Feb-09	25,419,725	846,000		846,000	26,265,725	973,000	0	973,000	
Mar-09	26,154,072	1,008,000	-	1,008,000	27,162,072	682,000	0	- 682,000	
Apr-09		1,004,000		1,004,000	27,962,000	1,079,110		1,079,110	
May-09		1,222,000		1,222,000	36,057,965	2,852,000	0	2,852,000	
90-unf		1,561,000		1,561,000	57,509,018	5,757,000	0	- 5,757,000	
60-Inf		1,669,000		1,669,000	59,181,324	12,163,000		12,163,000	
Aug-09		1,676,000		1,676,000	75,240,946	13,419,000		13,419,000	
Sep-09	68,559,627	1,597,000		1,597,000	70,156,627	10,164,000		10,164,000	

CALCATION COLORISMA		Inside Commercial		Outside Com - Special Base			Inside - City Outside - City			Industrial
1872,000 1970,000	0ct-09	53,388,518	1,206,000	38,000	1,244,000	54,632,518	6,295,000		6,295,000	
The column The	Nov-09	31,353,956	893,000		893,000	32,246,956	1,279,000		1,279,000	
MATCH STREAM CATTON C	60-cad	27,189,282	1,050,000		1,050,000	28,239,282	524,000		524,000	
No.	Jan-10	28,833,065	000'226		977,000	29,810,065	837,000		837,000	
	Feb-10	25,974,413	952,000		952,000	26,926,413	513,000		513,000	
2. N. Miller 1.00 Mill 4.00 1.10 Mill 4.00 Mill 1.10 Mill 4.00 Mill	Mar-10	26,591,375	972,000		972,000	27,563,375	820,000		820,000	
R. F.	Apr-10	28,133,184	1,100,000	8,000	1,108,000	29,241,184	765,000	,	765,000	
6.67 (1982) 6.80 (1982) 1.57 (1982) 6.80 (1982) 1.57 (1982)	May-10	32,743,064	1,268,000	46,000	1,314,000	34,057,064	4,986,000		4,986,000	
Third column Thir	Jun-10	45,771,921	1,741,000	92,000	1,836,000	47,607,921	7,579,000		7,579,000	
	Jul-10	64,731,690	1,692,000	84,000	1,776,000	66,507,690	12,388,000		12,388,000	
Table Tabl	Aug-10	75,019,013	1,598,000	000'66	1,697,000	76,716,013	12,450,143		12,450,143	
SERENTANO 1,100.30 7,100.10 1,100.20	Sep-10	73,554,892	1,996,000	000'96	2,092,000	75,646,892	15,011,000		15,011,000	
Table Tabl	Oct-10	69,488,929	1,563,260	70,000	1,633,260	71,122,189	10,946,024		10,946,024	
200.000 200.000 <t< td=""><td>Nov-10</td><td>38,957,819</td><td>1,098,000</td><td></td><td>1,098,000</td><td>40,055,819</td><td>1,334,000</td><td></td><td>1,334,000</td><td></td></t<>	Nov-10	38,957,819	1,098,000		1,098,000	40,055,819	1,334,000		1,334,000	
Stroke S	Dec-10	28,654,267	974,000		974,000	29,628,267	527,000		527,000	
30.15.4.4.7 26.00 7.75.004.47 566.00 7.75.004.47 56.00 21.75.4.6. 2.56.0.00 2.75.0.004 2.75.0.004 2.75.0.004 2.75.0.004 27.75.4.6. 1.60.00 2.50.0.00 1.50.000 2.50.0.004 2.75.0.004 2.75.0.004 27.75.4.0. 1.60.00 2.50.0.00 1.50.000 1.50.000 2.50.004 2.75.0.004 2.75.0.004 27.75.4.0. 1.60.00 2.50.000 1.50.000 2.50.000	Jan-11	28,616,074	922,000		922,000	29,538,074	676,405		676,405	
273 2025 273 2020 273 2020 273 2020 7,000 7,000 7,000 273 2025 273 2025 273 2025 273 2025 7,000 7,000 7,000 7,000 273 2025 273 2025 273 2025 273 2025 273 2025 7,000	Feb-11	26,258,447	943,000		943,000	27,201,447	684,202		684,202	
2.7.12660 1.7.00.75 <t< td=""><td>Mar-11</td><td>26,337,929</td><td>2,591,000</td><td></td><td>2,591,000</td><td>28,928,929</td><td>706,000</td><td></td><td>706,000</td><td></td></t<>	Mar-11	26,337,929	2,591,000		2,591,000	28,928,929	706,000		706,000	
61 76 5578 1,146,000 1,240,000 3,420,0633 1,420,000	Apr-11	27,296,680	902,106	000'6	914,106	28,210,786	789,268		789,268	
67.20.20.50 1.7.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.	May-11	37,715,753	1,185,000	21,000	1,206,000	38,921,753	1,663,300		1,663,300	
60,718,200 1,70,000 80,000 1,11,100 84,329,239 1,628,000 1,628,000 1,638,000 1	Jun-11	53,502,633	1,356,000	92,000	1,416,000	54,920,633	1,482,579		13 535 000	
BATTATION CONTRINCT 1,720,000	Jul-11	00,203,003	1,714,000	000,48	1 911 000	84 329 628	13,533,000		16 657 000	
7.13.5.2.0.2 7.20.00	Sen-11	83 086 966	1 769 642	00,000	1 862 642	84,323,028	16.346.000		16 346 000	
38,70720 670,000 30,140,720 160,000 1.00 28,944,284 1,027,028 - 4,027,028 23,911,246 817,802 28,944,284 1,027,028 - 1,027,028 23,911,246 817,802 28,275,528 1,027,028 - 1,399,538 28,657,030 73,600 28,275,538 1,017,057 - 1,399,438 28,657,030 736,000 28,275,538 1,017,057 - 4,276 1,021,333 23,566,031 748,332 73,540 28,275,338 1,217,271 1,685,11 3,686,01 7,484,395 748,395 7,484,395 7,484,395 7,484,395 7,484,395 7,484,395 7,484,395 7,484,395 7,244,395 <t< td=""><td>Oct-11</td><td>71.814.787</td><td>1.350.000</td><td>72.000</td><td>1.422.000</td><td>73.236.787</td><td>10.505.000</td><td>1.000</td><td>10.506.000</td><td></td></t<>	Oct-11	71.814.787	1.350.000	72.000	1.422.000	73.236.787	10.505.000	1.000	10.506.000	
28,944,218 80,000 30,87,664 660,000 28,944,218 1,00,203 2,937,126 817,802 26,725,52 1,00,103 - 941,463 27,644,119 773,401 28,725,42 1,00,103 - 941,463 27,644,119 773,401 73,401 28,725,42 1,007,03 - 941,463 27,644,119 773,401 73,401 28,725,42 1,007,03 - 1,001,333 2,056,651 95,285 73,600 28,725,33 1,227,11 3,846 1,001,333 2,056,651 95,187,234 7,744,385 7,744	Nov-11	38,270,720	870.000		870,000	39,140,720	1,610,000		1,610,000	
28944218 1007/028 - 1007/028 2971246 812,802 25,725,551 1,399,588 - 1,391,588 25,645,139 725,401 27,225,422 1,399,588 - 1,391,588 28,625,020 736,000 28,25,538 1,207,007 4,276 1,007,033 2,256,651 3,553,252 55,481,295 1,636,511 39,486 1,675,996 57,157,291 1,484,395 1,275,000 66,518,533 1,287,122 1,636,511 39,486 1,675,996 57,157,291 1,484,395 1,275,400 66,518,533 1,287,212 47,543 1,675,596 57,157,201 1,484,395 1,487,395 1,487,395 1,487,395 1,487,395 1,487,395 1,487,395 1,487,395 1,487,396 1,497,395 1,407,667	Dec-11	30,078,664	000'608		000,608	30,887,664	000'099		000'099	
26,725,422 1,395,589 - 941,463 72,441 733,401 22,725,422 1,395,589 - 941,463 26,641,10 736,000 22,725,422 1,017,054 - 1,021,333 29,26,651 961,845 3 23,755,318 1,017,054 4,276 1,021,333 29,26,651 961,845 7 55,481,295 1,638,114 4,276 1,021,333 29,26,651 744,335 7 55,481,295 1,638,114 4,522 1,878,096 7,344,395 7,443,386 7 6,531,633 1,638,124 4,7331 1,991,538 7,690,501 1,443,396 7 81,027,064 1,044,518 47,534 1,499,017 1,443,601 1,224,400 1,224,400 81,027,064 1,054,738 1,054,738 1,044,518 4,391 1,044,518 1,443,400 1,443,400 1,444,318 1,443,400 1,444,318 1,444,318 1,444,318 1,444,318 1,444,318 1,444,318 1,444,318 1,444,318 1,444,318	Jan-12	28,944,218	1,027,028		1,027,028	29,971,246	817,802		817,802	
27.25.42 1,399,588 1,399,588 1,399,588 28,625,00 756,000 3.25.53.13 1,017,057 4,27 1,021,333 22,926,651 36,383,325 3 3.563.33 1,287,12 1,685,11 39,486 1,675,996 57,157,291 7,483,95 7 5.56.81,23 1,287,12 4,675,24 1,562,98 3,523,325 1,288,126 1,288,23 81,027,060 1,315,327 47,534 1,562,98 82,990,017 14,889,036 14,248,360 6,518,23 1,344,027 47,534 1,962,98 82,990,017 14,889,036 1,288,036 6,317,214 1,444,00 47,534 1,962,98 82,990,017 14,889,036 1,447,887 2,25,534 1,064,387	Feb-12	26,702,657	941,463		941,463	27,644,119	723,401		723,401	
26.275,318 1007,057 4,276 1,021,333 29.206,661 96,1445 9.2 25.548,328 1,1287,212 1,6851 1,040,683 1,075,966 57,357,345 7,353,325 7 5.548,338 1,685,511 39,486 1,675,966 57,357,246 7,784,325 1,287,246 1,287,24	Mar-12	27,225,422	1,399,598	-	1,399,598	28,625,020	736,000		736,000	
3,653,393 1,287,212 1,380,0456 3,535,325 3,535,325 3,535,325 3,535,325 1,380,000 3,535,325 1,380,000 3,535,325 1,380,000 1,282,328 1,380,000 1,282,328 1,282,328 1,282,328 1,282,328 1,282,328 1,282,328 1,282,328 1,282,328 1,282,328 1,282,328 1,292,328 <	Apr-12	28,275,318	1,017,057	4,276	1,021,333	29,296,651	961,845		961,845	
55,481,295 1,636,511 39,486 1,675,996 57,187,293 1,686,495 7 6,518,533 1,158,234 45,522 1,878,705 6,7397,238 12,986,356 14,1 6,518,533 1,915,324 47,534 1,915,328 7,593,1 1,8889,036 14,1 7,491,427 1,944,005 47,534 1,915,238 7,593,1 1,294,500 1,1 3,64,373,41 1,043,737 47,534 1,915,239 30,226,240 1,407,667 1,1 2,925,341 972,299 - 972,299 30,226,240 570,333 1,1 2,925,341 972,299 - 912,299 30,226,240 570,333 1,1 2,925,712 1,054,758 - 1,044,788 - 1,044,788 1,1 2,925,712 1,044,378 - 1,044,788 - 1,447,882 1,447,892 1,447,892 1,447,892 1,447,892 1,447,892 1,447,892 1,447,892 1,447,892 1,447,492 1,447,892 1,447,492 1,447,492	May-12	37,653,393	1,287,212	16,851	1,304,063	38,957,456	3,535,325		3,535,325	
65,518,533 1,83,144 45,522 1,88,8705 67,397,238 12,988,200 12,98,200 81,027,060 1,915,927 47,034 1,962,598 82,905,017 14,889,036 1,413,447 74,914,427 1,944,007 47,534 1,692,598 82,932,560 12,945,500 12,944,607 86,317,914 1,433,747 47,534 1,695,397 37,324,500 1,407,667 1,407,667 29,253,941 972,299 - 972,299 37,326,400 570,333 1,407,667 1,407,667 29,725,712 1,064,758 - 1,054,758 30,26,40 58,032,60 1,407,667 1,407,608 1,407	Jun-12	55,481,295	1,636,511	39,486	1,675,996	57,157,291	7,484,395		7,484,395	
81,027,060 1,915,927 47,034 1,962,958 82,990,017 14,889,056 14,489,016 12,924,500 12,944,005 47,534 1,991,538 76,905,055 12,024,500	Jul-12	65,518,533	1,833,184	45,522	1,878,705	67,397,238	12,988,250		12,988,250	
74,914,A27 1,944,005 47,534 1,911,538 76,905,965 12,924,500 10 36,968,72 1,403,404 45,20 1,405,017 65,06,965 1,2924,500 8,903,256 8 36,968,72 1,005,497 7,229 30,226,240 570,333 1,1 1,1 29,233,941 972,299 - 972,299 - 1,005,478 1,1<	Aug-12	81,027,060	1,915,927	47,031	1,962,958	82,990,017	14,889,036		14,889,036	
64,317,914 1,413,474 45,20 1,459,017 65,75931 8,903,256 8 36,587,924 1,005,478 1,005,478 30,780,470 817,802 1 29,755,712 1,054,788 - 1,054,788 30,780,470 817,802 29,755,712 1,054,788 - 1,054,788 30,780,470 817,802 29,755,712 1,054,788 - 1,054,788 30,780,470 817,802 29,755,712 1,054,788 - 1,054,788 30,780,470 817,802 29,743,728 1,044,318 - 1,054,788 20,387,520 728,400 29,038,752 1,044,318 4,391 1,048,909 30,887,661 961,245 3 29,038,753 1,580,695 40,552 1,721,248 82,700,538 7,484,395 7 81,214,790 1,967,657 48,300 2,015,937 85,230,474 14,889,036 14,44,395 80,296,549 1,656,498 1,656,498 4,830 2,045,310 78,932,325 14,406,60 <td< td=""><td>Sep-12</td><td>74,914,427</td><td>1,944,005</td><td>47,534</td><td>1,991,538</td><td>76,905,965</td><td>12,924,500</td><td></td><td>12,924,500</td><td></td></td<>	Sep-12	74,914,427	1,944,005	47,534	1,991,538	76,905,965	12,924,500		12,924,500	
36,568,732 1,005,407 - 1,005,409 37,974,229 1,407,667 1 29,253,74 1,005,478 - 1,005,478 30,780,40 817,802 1 29,253,12 1,054,788 - 1,054,788 - 1,054,788 - 1,054,788 - 29,235,12 1,054,788 - 1,047,387 - 1,039,895 736,000 - 1,337,387 - 1,437,387 - 1,437,387 - 1,437,387 - 1,437,387 - 1,437,387 - 1,437,387 - 1,437,387 - 1,437,387 - 1,437,387 - 1,437,387 - 1,437,387 - 1,437,387 - 1,437,387 - 1,437,387 - 1,437,387 - 1,444,332 - 1,444,332 - 1,444,332 - 1,444,332 - 1,444,332 - 1,444,332 - 1,444,332 - 1,444,332 - 1,444,332 - 1,444,332 - 1,444,332	Oct-12	64,317,914	1,413,747	45,270	1,459,017	65,776,931	8,903,256		8,903,256	
29,723,941 972,299 30,226,240 570,333 9 29,725,712 1,054,758 30,786,700 817,802 817,802 817,802 27,243,623 1,664,758 - 1,054,738 28,396,470 817,802 817,802 27,423,629 1,437,387 - 1,448,389 - 96,884 75,000 96,1845 81,26,000 22,938,752 1,044,518 4,391 1,048,909 30,087,661 96,1845 81,26,000 96,1845 81,26,000 96,1845 81,26,000 81,226,000	Nov-12	36,968,732	1,005,497		1,005,497	37,974,229	1,407,667		1,407,667	
29/725/12 1,034,738 30,780,470 81,7802 29/325/12 1,044,58 - 1,034,738 28,780,510 73,401 27,423,628 1,437,387 - 1,437,387 736,000 736,000 29,038,752 1,044,518 4,391 1,048,909 30,087,661 961,845 3,335,325 29,038,752 1,244,518 4,391 1,048,909 30,087,661 961,845 3,335,325 38,670,035 1,321,967 1,321,248 5,8700,538 7,484,395 7,784,395 3,335,325 56,979,290 1,680,696 40,552 1,271,248 5,8700,538 7,484,395 1,12 66,724,790 1,966,673 48,300 2,015,957 85,230,747 14,889,036 1,1 66,054,498 1,032,645 2,045,310 7,884,395 1,407,667 1,4 8,304,77 1,966,888 1,032,645 1,032,645 1,032,400 1,4 8,050,501 1,074,798 31,662,889 1,407,667 1,444,697 1,444,697 29,	Dec-12	29,253,941	972,299		972,299	30,226,240	570,333		570,333	
2/7457502 1,906,882 - 1,437,887 26,390,310 7/23,401 29/38,752 1,434,687 - 1,437,887 26,397,895 7/23,401 29/38,752 1,044,518 4,391 1,048,909 30,087,661 961,845 3,33 29/38,752 1,044,518 4,391 1,048,909 30,087,661 961,845 3,33 56,979,290 1,680,696 40,552 1,721,248 58,700,538 7,484,395 7,784,395 66,073,479 1,680,696 40,552 1,721,248 58,700,538 7,484,395 1,12,988,200 7,697,173 1,966,673 46,751 1,299,430 66,216,964 12,948,200 1,14,889,036 1,14,888,036<	Jan-13	29,725,712	1,054,758		1,054,758	30,780,470	817,802		817,802	
27,300, 20. 1,437,587 1,437,587 2,337,539 7,500,00 28,700,33 1,437,667 1,048,909 1,339,272 40,009,307 3,535,325 3 38,670,035 1,321,967 1,330,272 40,009,307 3,535,325 3 56,979,290 1,680,696 40,552 1,721,248 58,700,538 7,484,395 7 67,287,534 1,882,679 46,751 1,294,409 69,216,964 12,988,250 1,2 7,837,17 1,967,657 48,300 2,015,957 85,230,747 14,889,036 1,1 66,034,498 1,431,918 46,492 1,498,410 67,552,908 8,903,256 8,903,266 37,966,888 1,032,645 - 1,032,645 38,999,533 1,407,667 1,1 30,043,797 988,531 - 1,032,645 38,999,533 1,407,667 1,1 27,944,677 988,531 - 1,444,697 - 1,444,697 1,444,697 - 28,590,488 1,064,364 1,564,719 3,	Mar 13	27,423,628	795,757		782,287	28,390,510	725,401		725,401	
38,670,035 1,321,952 1,321,952 40,0552 1,339,272 40,009,302 3,535,352 3 56,979,290 1,680,696 40,552 1,721,248 58,700,538 7,484,395 7 67,287,534 1,680,696 40,552 1,721,248 58,700,538 7,484,395 7 67,287,534 1,882,679 46,751 1,299,430 69,216,964 12,988,250 12, 7,837,177 1,996,583 48,817 2,045,310 7,488,9136 12,988,035 1,2 66,64,498 1,491,918 46,492 1,498,407 1,407,667 1 1 37,966,888 1,032,645 - 1,032,645 38,995,533 1,407,667 1 1 30,043,797 98,551 - 1,032,645 31,042,348 570,333 1 1 27,944,677 98,553 - 1,444,697 - 1,444,697 1,444,697 1,444,697 1,444,697 1,644,697 1,544,697 1,544,697 1,544,697 1,544,697 1,544,697 <t< td=""><td>Anr-13</td><td>29 038 752</td><td>1 044 518</td><td>4 391</td><td>1 048 909</td><td>30.087.661</td><td>961 845</td><td></td><td>961 845</td><td></td></t<>	Anr-13	29 038 752	1 044 518	4 391	1 048 909	30.087.661	961 845		961 845	
56,979,290 1,680,696 40,552 1,721,248 58,700,538 7,484,395 7 67,287,534 1,882,679 46,751 1,929,430 69,216,964 12,988,250 12, 83,214,790 1,967,657 48,300 2,015,957 85,230,747 14,889,036 14, 76,937,117 1,967,657 48,300 2,015,957 85,230,747 14,889,036 14, 76,937,117 1,996,493 48,817 2,045,310 78,982,427 12,924,500 12, 86,034,498 1,431,918 46,492 1,438,410 67,552,908 8,903,356 8,803,356 8,8 30,043,797 998,551 31,402,348 570,333 14,407,667 1,407,	Mav-13	38,670,035	1,321,967	17.305	1,339,272	40.009,307	3.535.325		3.535,325	
67,287,534 1,882,679 46,751 1,929,430 69,216,964 12,988,250 14,882,036 83,214,790 1,967,657 48,300 2,015,957 85,230,747 14,889,036 14,488,036 76,337,117 1,996,493 48,817 2,045,310 78,982,427 12,924,500 12,245,500 66,054,498 1,431,918 46,492 1,488,410 67,552,908 8,903,256 8 37,966,888 1,032,645 - 1,032,645 38,999,533 14,07,667 1 30,043,797 1,032,643 - 1,074,798 31,462,348 570,333 1 27,944,677 885,253 - 988,523 28,929,930 723,401 1 29,590,488 1,064,697 - 1,464,697 29,596,455 736,000 736,000 29,590,488 1,064,364 1,534,719 4,474 1,564,697 3,535,325 3,535,325 3	Jun-13	56.979,290	1,680,696	40,552	1,721,248	58,700,538	7,484,395		7,484,395	
83,214,790 1,967,657 48,300 2,015,957 85,230,747 14,889,036 14 76,337,117 1,996,493 46,817 2,045,310 78,982,427 12,924,500 12, 66,054,488 1,451,918 46,492 1,498,410 67,552,908 8,903,256 8 37,966,888 1,032,645 - 1,032,645 31,905,531 1,407,667 1 30,043,037 1,074,798 - 1,074,798 31,365,293 817,802 1 27,944,677 885,253 - 985,253 28,929,30 723,401 1 29,590,488 1,064,364 4,474 1,068,838 30,659,326 961,845 3 39,404,766 1,347,084 17,634 1,364,719 4,7769,484 3,535,325 3	Jul-13	67,287,534	1,882,679	46,751	1,929,430	69,216,964	12,988,250		12,988,250	
76,337,117 1,996,493 48,817 2,045,310 78,982,427 12,924,500 12, 66,054,498 1,451,918 46,492 1,498,410 67,552,908 8,903,256 8,903,256 8,8 37,966,888 1,032,645 - 1,032,645 38,999,533 1,407,667 0 1,0 30,290,501 1,074,798 - 1,074,798 31,365,299 817,802 1 1 27,944,677 985,253 - 985,253 28,929,930 723,401 1 1 29,590,488 1,064,364 4,474 1,068,838 30,659,326 961,845 3,535,325 3 39,404,766 1,347,084 17,634 1,364,719 3,535,325 3 3 3	Aug-13	83,214,790	1,967,657	48,300	2,015,957	85,230,747	14,889,036		14,889,036	
66,054,98 1,451,918 46,492 1,498,410 67,552,908 8,903,256 8,8 37,966,88 1,032,645 - 1,032,645 38,999,533 1,407,667 1,1 30,043,797 988,551 - 1,032,645 5,70,333 1,1 30,249,501 1,074,798 - 1,345,529 817,802 1,1 2,544,677 88,491,758 - 1,444,697 7,3401 8 2,550,488 1,064,364 4,474 1,068,838 30,659,326 961,845 8 3,540,776 1,347,084 17,634 1,364,719 3,535,325 3 3	Sep-13	76,937,117	1,996,493	48,817	2,045,310	78,982,427	12,924,500		12,924,500	
37,966,888 1,032,645 - 1,032,645 38,999,533 1,407,667 1.0 30,043,797 998,551 31,042,348 570,333 570,333 1.0 30,240,477 1,074,798 - 985,523 723,602 723,401 28,491,758 1,464,697 - 1,444,697 29,596,455 736,000 29,590,488 1,064,364 4,474 1,168,838 30,659,326 961,845 39,404,76 1,347,084 17,634 1,364,719 4,0769,484 3,535,325	Oct-13	66,054,498	1,451,918	46,492	1,498,410	67,552,908	8,903,256		8,903,256	
30,043,797 998,551 - 998,551 31,042,348 570,333 - 60,043,70 - 1,074,798 31,365,299 817,802 - 6 - 1,074,798 31,365,299 817,802 - 6 - 1,044,697 28,929,930 723,401 -	Nov-13	37,966,888	1,032,645	-	1,032,645	38,999,533	1,407,667		1,407,667	
30,290,501 1,074,798 - 1,074,798 31,365,299 817,802 8 27,944,677 985,253 - 985,253 28,929,930 723,401 8 28,491,758 1,464,697 - 1,464,697 29,956,455 736,000 8 29,590,488 1,064,364 4,474 1,068,838 30,659,326 961,845 8 39,404,766 1,347,084 17,634 1,364,719 40,769,484 3,535,325 3	Dec-13	30,043,797	998,551		998,551	31,042,348	570,333		570,333	
27,944,677 985,253 - 985,253 28,929,930 723,401 - 723,401 - 1,464,697 29,956,455 736,000 - 736,000 - - 1,464,697 29,956,455 736,000 -	Jan-14	30,290,501	1,074,798		1,074,798	31,365,299	817,802		817,802	
28,491,758 1,464,697 - 1,464,697 29,956,455 736,000 29,590,488 1,064,364 4,474 1,068,838 30,659,326 961,845 8 39,404,766 1,347,084 17,634 1,364,719 40,769,484 3,535,325 3	Feb-14	27,944,677	985,253	•	985,253	28,929,930	723,401		723,401	
29,590,488 1,064,364 4,474 1,068,838 30,659,326 961,845 8 39,404,766 1,347,084 17,634 1,364,719 40,769,484 3,535,325 3	Mar-14	28,491,758	1,464,697		1,464,697	29,956,455	736,000		736,000	
39,404,766 1,347,084 17,634 1,364,719 40,769,484 3,535,325	Apr-14	29,590,488	1,064,364	4,474	1,068,838	30,659,326	961,845		961,845	
	May-14	39,404,766	1,347,084	17,634	1.364.719	40 769 484	2 525 225		2 535 375	

86.702.20 1.100.05.00	Date	Inside Comr		Outside Com - Special Base		\neg		Outside - City	City Uses	Industrial
No. 10.000 No.	Jul-14		1,918,450	47,639	1,966,089	70,532,086	12,988,250		12,988,250	
80 00 00 00 00 00 00 00 00 00 00 00 00 0	Aug-14		2,005,043	49,218	2,054,261	86,850,132	14,889,036		14,889,036	
18,006.54 1,107.54	Sep-14		2,034,426	49,744	2,084,171	80,483,093	12,924,500		12,924,500	
80.00.2016 10.07.246 10.07.246 10.07.246 10.07.246 10.07.246 10.07.246 10.07.246 10.07.246 10.07.246 10.07.248 <	Oct-14		1,479,504	47,376	1,526,880	68,836,414	8,903,256		8,903,256	
100.002.01 100.002.01 100.002.02 100.002	Nov-14		1,052,266	•	1,052,266	39,740,524	1,407,667		1,407,667	
2000,502,51 1000,258 1,100,503 1,100,503 1,100,503 1,100,503 1,100,403 <	Dec-14		1,017,524		1,017,524	31,632,153	570,333		570,333	
20000130 31 1000130	Jan-15		1,096,294	-	1,096,294	31,992,605	817,802		817,802	
20.01.2.266 1.0.00.215 0.0.55.554 7.5.000 20.01.2.266 1.0.00.215 3.0.25.53.84 7.5.000 20.01.2.266 1.0.00.212 3.0.25.345 7.5.000 20.01.2.266 1.0.00.212 1.0.00.212 4.1.58.64 7.5.00.212 20.01.2.266 1.0.00.212 1.0.00.212 1.0.00.212 7.5.00.224 7.5.00.224 20.01.2.266 1.0.00.212 2.0.00.21 2.0.00.224 1.0.00.224 7.5.00.224 20.01.2.266 1.0.00.212 2.0.00.224 2.0.00.224 1.0.00.224 1.0.00.224 20.01.2.26 1.0.00.212 2.0.00.224 2.0.00.224 1.0.00.224 1.0.00.224 20.01.2.22 1.0.00.224 2.0.00.224 2.0.00.224 1.0.00.224 1.0.00.224 20.01.2.22 1.0.00.224 1.0.00.224 2.0.00.224 1.0.00.224 1.0.00.224 1.0.00.224 20.01.2.22 1.0.00.224 1.0.00.224 2.0.00.224 2.0.00.224 1.0.00.224 1.0.00.224 1.0.00.224 1.0.00.224 1.0.00.224 1.0.00.224 1.0.00.224	Feb-15		1,004,958		1,004,958	29,508,529	723,401		723,401	
0.01002.250 0.01002.250 0.100.256	Mar-15		1,493,991	•	1,493,991	30,555,584	736,000		736,000	
50 20 23 15 1 13 40,025 1 13 90 1 13 90,134 1 13 90,234 <	Apr-15		1,085,651	4,564	1,090,215	31,272,513	961,845		961,845	
0.9372.315 1.766,822 465.92 1.706,831 7.666,834	May-15		1,374,026	17,987	1,392,013	41,584,874	3,535,325		3,535,325	
66,617,782 1,556,620 2,005,418 66,627,784 1,156,620	Jun-15		1,746,882	42,149	1,789,031	61,012,165	7,484,395		7,484,395	
70,966,207 2,005,418 50,729 2,105,456 1,005,469	Jul-15		1,956,819	48,592	2,005,411	71,942,728	12,988,250		12,988,250	
79,66,500 70,75,115 67,75 21,25,55 82,020,75 12,05,400 12,04,000 79,66,502 1,00,203 21,25,55 82,223 1,40,766 70,23,10 39,22,402 1,00,313 4,00,203 2,126,406 70,23,400 70,23,400 80,256 31,26,523 1,00,500 - 1,10,216 - 1,10,246 70,23,400 80,256 31,26,524 1,00,500 - - 1,11,210 3,126,406 70,23,400 80,256 4,10,6511 1,10,240 - 1,125,365 1,11,210 3,126,406 70,23,400 80,256 4,10,6511 1,10,240 4,660 1,11,210 3,126,406 70,23,400 70,23,400 70,23,400 1,10,6511 1,10,240 4,660 1,11,210 1,12,240 70,23,400 70,23,400 70,23,400 1,10,6512 1,10,240 1,10,240 1,12,240 1,12,240 1,12,240 1,12,240 1,12,240 1,12,240 1,12,240 1,12,240 1,12,240 1,12,240 <t< td=""><td>Aug-15</td><td></td><td>2,045,143</td><td>50,202</td><td>2,095,346</td><td>88,587,134</td><td>14,889,036</td><td></td><td>14,889,036</td><td></td></t<>	Aug-15		2,045,143	50,202	2,095,346	88,587,134	14,889,036		14,889,036	
68.85.27.4 1.0.00.055 48.3.3.3 1.557.18 7.0.13.14.2 8.9.3.5.6 8 31.265.27.4 1.0.00.050 1.0.00.050 3.0.00.050 1.0.00.050	Sep-15		2,075,115	50,739	2,125,854	82,092,754	12,924,500		12,924,500	
31,205,202 1,073,874 - 1,073,33.3 1,070,007 1,073,787.4 1,073,787.4 1,073,787.4 1,073,787.4 1,073,202.5 1,073,202.5 1,073,007	Oct-15		1,509,095	48,323	1,557,418	70,213,142	8,903,256		8,903,256	
3.1,256,138 1,10,316 1,10,316 1,10,316 3.2,644,96 57,3401 3.1,256,136 1,10,316 1,10,316 3.2,644,96 37,3401 3.2,644,96 37,3401 2.9,10,146 1,10,316 1,10,316 1,10,316 3,135,225 77,3401 3.3,52,226 2.9,10,146 1,12,338 4,660 1,11,149 4,263,242 77,3401 3.3,52,226 4,10,25,116 1,10,281 1,88,527 4,303 1,12,246 6,23,421 7,640,00 6,10,26,116 1,10,281 1,88,527 4,303 1,12,242 7,543,122 1,14,882,126 1,1	Nov-15		1,073,311	•	1,073,311	40,535,335	1,407,667		1,407,667	
29,071,541 1,103,161 30,128,288 73,401 29,071,468 1,102,536 30,128,288 73,401 29,071,468 1,102,536 31,128,238 73,600 30,05,148 1,102,536 31,128,238 73,600 30,05,148 1,103,536 31,202,535 73,600 30,05,148 1,108,438 1,123,600 62,294,315 73,833,226 30,05,148 1,108,438 1,123,000 62,294,315 1,128,438 7,108,000 81,066,00 1,108,438 1,127,438 1,127,438 1,127,438 1,127,438 1,127,438 81,000,1581 1,108,438<	Dec-15		1,037,874	•	1,037,874	32,264,796	570,333		570,333	
29,102,146 1,005,662 - 1,005,662	Jan-16		1,119,316		1,119,316	32,664,449	817,802		817,802	
20.56.1.887 1.52.5.46 31.20.2.36 31.19.72.23 75.000 30.56.1.887 1.02.5.46 4.15.2.36 31.92.9.35 95.04.85 40.05.911 1.04.02.881 4.60 1.12.2.36 2.2.34.21 7.64.355 7.13.45 60.468.821 1.78.3487 4.03.48 1.24.2.04 6.2.254.321 7.64.355 7.13.45 80.468.021 1.78.3487 4.03.48 1.24.2.04 2.2.34.325 7.12.88.250 1.12.88.250 81.466.026 2.10.40.756 2.10.40.756 2.10.40.756 1.2.34.356 1.13.40.756	Feb-16		1,026,062	•	1,026,062	30,128,208	723,401		723,401	
9.06.86.12 1.10.06.40 4.660 1.11.3.100 31,593.53 961,885 96 9.06.86.12 1.10.06.50.11 1.10.06.50.11 1.10.06.50.12 <th< td=""><td>Mar-16</td><td></td><td>1,525,365</td><td></td><td>1,525,365</td><td>31,197,252</td><td>736,000</td><td></td><td>736,000</td><td></td></th<>	Mar-16		1,525,365		1,525,365	31,197,252	736,000		736,000	
4,00,60,11 1,00,881 8,345,325 3 4,00,60,12 1,00,881 8,346 1,02,334,21 7,68,325 3 7,1,46,00 1,097,913 4,004 2,04,324 1,288,205 1,22,83,205 1 7,1,46,00 2,1,286,20 2,1,27 2,10,33,47 1,288,205 <th< td=""><td>Apr-16</td><td></td><td>1,108,450</td><td>4,660</td><td>1,113,109</td><td>31,929,235</td><td>961,845</td><td></td><td>961,845</td><td></td></th<>	Apr-16		1,108,450	4,660	1,113,109	31,929,235	961,845		961,845	
0.0.466.221 1.785.567 4.96.62 2.047.53.25 7.444.395 1.744.395	May-16		1,402,881	18,365	1,421,245	42,458,156	3,535,325		3,535,325	
7,1,46,000 1,367,13 4,365,12 2,345,52 7,348,326 1,288,320 1,288,320 8,1,46,000 2,138,62 5,1367 2,136,42 1,248,20 1,128,43 1,248,20 8,1,46,00 1,21,126 4,338 1,599,124 1,128,637 1,224,400 1,12 1,0,00,749 1,1,24,126 4,338 1,1,590,124 1,128,637 1,224,400 1,1 3,1,26,124 1,1,24,126 1,1,24,126 1,1,24,126 3,24,433 1,14,1,126 1,1 3,1,26,126 1,1,24,127 1,1,24,127 1,1,26,127 1,1,26,127 1,1,26,127 1,1,24,127 1,1,24,127 1,1,26,127 1,	Jun-16		1,783,567	43,034	1,826,600	62,293,421	7,484,395		7,484,395	
88,318,116 2,086 1,1357 2,139,348 9,34,4464 1,689,056 1,146,850 8,16,66,244 1,156,786 2,170,494 1,159,124,300 1,159,124,300 1,150,106 1,00,07,484 1,156,786 - 1,095,181 1,190,182 1,100,106 3,1,82,187 1,105,187 1,105,187 1,100,106 1,100,106 1,100,106 3,1,82,187 1,105,187 1,105,187 1,100,106 1,100,106 1,100,106 1,100,106 2,2,713,247 1,105,187 1,105,187 3,120,133 1,136,485 3,120,134 3,120,134 4,1,886,1202 1,142,822 1,143,486 3,123,440,78 3,124,437 1,144,822 3,124,437 4,1,886,1202 1,142,822 1,144,822 1,144,822 1,144,822 3,144,374 3,144,374 3,144,374 3,144,374 3,144,374 3,144,374 3,144,374 3,144,374 3,144,374 3,144,374 3,144,374 3,144,374 3,144,374 3,144,374 3,144,374 3,144,374 3,144,374 3,144,374 3,144,374	Jul-16		1,997,913	49,612	2,047,525	73,453,525	12,988,250		12,988,250	
15.66/205 5.1360 5.170,497 71,204,500 1204,500 1204,500 1204,500 1204,500 1204,500 120,04,500	Aug-16		2,088,091	51,257	2,139,348	90,447,464	14,889,036		14,889,036	
70.0097.49 1.4047.66 49.338 1,150,124 7,1687.518 8,03.256 8 70.0097.64 1,059.669 -1,059.669 32.343,237 1,407.667 1 31,882.687 1,059.669	Sep-16		2,118,692	51,805	2,170,497	83,816,702	12,924,500		12,924,500	
4,0,20,7/26 1,095,851 1,095,851 4,040,667 1,095,857 1,095,867 1,095,967 1,095,967 1,095,967 1,095,967 1,095,967 1,095,967 1,095,967 1,095,967 1,095,967 1,095,967 1,095,967 1,095,967 1,095,967 1,095,967 1,095,967 1,095,967 1,095,967 1,095,967 1,095,97 1,095,97 1,095,97 1,095,97 1,095,97 1	Oct-16		1,540,786	49,338	1,590,124	71,687,618	8,903,256		8,903,256	
31,82,587 1,055,669 2,140,2557 57,333 57,033 32,207,581 1,142,822 - 1,047,609 30,760,900 723,401 29,713,291 1,047,609 - 1,047,609 30,760,900 723,401 30,24,397 1,142,823 - 1,047,609 30,760,900 723,401 31,643,265 1,131,727 4,758 1,136,438 32,593,49 75,5000 31,643,265 1,131,727 4,758 1,136,435 6,61,438 74,895 41,298,686 1,422,102 4,758 1,451,691 4,349,778 1,484,995 1,448,995 71,562,587 2,038,892 5,0554 2,034,501 1,489,036 1,448,995 1,448,995 71,562,587 2,131,941 5,2,333 2,134,274 9,246,681 1,448,995 1,448,996 71,562,587 2,131,941 5,2,333 2,146,78 3,246,849 1,488,903 1,488,903 71,562,587 2,131,48,274 1,148,514 8,903,256 1,407,667 1,489,498 <	Nov-16		1,095,851		1,095,851	41,386,577	1,407,667		1,407,667	
29,207,581 1,142,822 - 1,142,822 13,350,403 817,802 29,723,991 1,047,609 - 1,047,609 30,760,900 723,401 9,143,802 30,294,997 1,557,397 - 1,557,397 30,294,349 73,600 9,1445 41,386,5624 1,482,341 1,864,595 6,3601,583 7,484,395 9,144,396 61,736,524 1,821,022 43,937 1,864,595 6,3601,583 7,484,395 9,144,396 7,296,524 2,131,941 8,238,77 2,131,941 8,238,27 1,488,9036 1,488,9036 1,488,9036 7,156,5287 2,131,941 8,344,46 8,576,883 1,284,406 1,488,9036	Dec-16		1,059,669	•	1,059,669	32,942,357	570,333		570,333	
29/31/32/1 1,04/36/9 37,040/0 73,401 30/24/32/51 1,136/45/3 1,557/39/3 36,040/0 73,401 31/463/265 1,131/72 4,758 1,136/45/3 35,53/32 3 61/3665 1,131/24 4,758 1,136/45/3 2,599/149 961,845 3 61/3663 1,131/24 4,758 1,136/45/3 2,599/149 36,601/3 7,549,32 7 61/3663 1,131/24 4,932 1,246/45/3 2,246,861 1,288,230 7 8/36075 2,131,491 5,233 2,184,74 9,246,861 1,288,230 7 8/36075 1,138,63 2,163,18 2,216,07 3,234,46 1,292,450 1,12 8/36075 1,138,63 1,138,63 1,138,63 1,138,63 1,139,245 1,138,63 8/36075 1,165,678 2,131,78 3,134,44 3,234,44 3,234,44 3,234,44 8/36075 1,165,678 1,138,51 3,434,44 3,244,44 3,244,44 3,244,44	Jan-17		1,142,822		1,142,822	33,350,403	817,802		817,802	
30,244,997 1,557,397 31,582,394 736,000 30,244,997 1,557,397 4,568 4,248 7,244,897 7,360,00 41,482,665 1,432,431 4,55 1,136,485 1,136,485 3,553,232 3,553,232 41,888,668 1,432,341 8,750 1,486,495 6,360,1,88 7,484,395 1,136,495 61,736,634 1,831,022 4,393 1,864,595 6,360,1,88 7,484,395 1,284,395 71,565,42 2,163,185 2,033 2,216,078 8,576,853 1,284,396 1,147,667 83,360,775 2,163,185 2,163,186 3,245,446 1,470,667 1,147,667 41,136,832 1,165,678 3,176,113 1,147,676 1,140,676 1,140,676 1,140,676 30,202,324 1,166,678 1,166,78 3,176,113 3,140,766 1,140,766 1,140,766 31,663,73 1,166,578 3,140,741 81,780 1,148,741 81,780 1,140,766 1,140,766 32,600,680 1,148,340 1,148,341	Feb-17		1,047,609	•	1,047,609	30,760,900	723,401		723,401	
4,788 1,134,785 32,599,749 961,845 4,186,266 1,431,727 4,788 1,134,485 32,599,749 961,845 4,186,626 1,433,41 18,750 1,451,001 1,451,001 1,451,001 1,451,001 1,451,302 61,786,624 1,423,41 5,054 2,096,523 7,496,049 12,988,250 1,234,305 72,905,526 2,03,867 2,096,523 2,184,74 8,296,048 1,224,506 1,234,305 8,306,775 2,163,184 5,23,34 2,218,078 8,276,833 1,294,500 1,118,863 4,13,583 1,178,863 <td>Mar-17</td> <td>30,294,997</td> <td>1,557,397</td> <td></td> <td>1,557,397</td> <td>31,852,394</td> <td>736,000</td> <td></td> <td>736,000</td> <td></td>	Mar-17	30,294,997	1,557,397		1,557,397	31,852,394	736,000		736,000	
41,896,686 1,422,341 1,8750 1,451,091 43,340,778 3,555,25 3 61,736,624 1,821,022 43,937 1,864,959 601,6283 7,484,395 7 72,905,528 2,039,889 50,654 2,096,523 7,486,960 12,888,200 12,245 72,905,528 2,131,941 52,333 2,184,274 9,2346,881 14,889,036 14,889 71,566,73 1,188,83 1,188,83 - 1,118,863 14,07,667 1 71,566,73 1,118,863 - 1,118,863 4,225,683 1,407,667 1 41,136,83 1,118,863 - 1,118,863 4,225,683 1,407,667 1 32,821,23 1,118,863 - 1,118,863 4,225,683 1,407,667 1 32,821,23 1,118,863 - 1,118,5678 4,225,683 1,407,667 1 32,821,23 1,166,78 - 1,081,922 - 1,489,442 7,489,442 7 30,900,897 1,154,382	Apr-17	31,463,265	1,131,727	4,758	1,136,485	32,599,749	961,845		961,845	
61/36/624 1,821,022 43,937 1,864,959 63,601,583 7,484,395 1 72,905,526 2,039,869 2,090,523 74,990,049 12,982,350 12 80,162,87 2,113,941 52,333 2,216,078 85,576,853 12,924,500 12 83,360,775 2,163,185 52,893 2,216,078 85,576,853 12,924,500 12 1,565,42 1,531,42 50,374 1,18,863 42,255,695 1,407,667 1 4,1,565,42 1,081,922 3,543,446 50,333 1,18,436 1,407,667 1 32,552,73 1,165,678 - 1,165,678 34,017,411 817,802 1 32,552,73 1,165,678 - 1,165,678 34,017,411 817,802 1 32,821,73 1,165,678 1,160,836 1,460,988 1,480,113 4,116,73 35,483,144 57,033 30,00,887 1,460,988 1,480,113 44,16,73 35,483,44 51,480,44 51,480,44 51,480,44 51,480,44 <td< td=""><td>May-17</td><td></td><td>1,432,341</td><td>18,750</td><td>1,451,091</td><td>43,349,778</td><td>3,535,325</td><td></td><td>3,535,325</td><td></td></td<>	May-17		1,432,341	18,750	1,451,091	43,349,778	3,535,325		3,535,325	
7,2,65,5.6 2,039,869 5,064 2,095,234 74,996,049 12,988,220 12 9,16,5.87 2,134,81 52,333 2,146,78 8,546,036 14,889,936 14 83,360,775 2,163,185 52,833 2,216,078 8,546,076 12,245,60 12,245,60 1,569,542 1,573,142 50,374 1,623,516 73,193,058 8,903,256 8 4,136,832 1,118,863 2,118,863 1,118,863 1,273,142 8,903,256 8 3,2,521,74 1,081,922 - 1,118,863 4,255,695 1,407,667 1 3,2,821,73 1,165,678 - 1,165,678 3,407,414 817,802 1 3,2,821,73 1,166,878 - 1,068,561 3,4374,141 723,401 73,401 30,307,557 1,160,988 1,480,13 4,480,14 4,480,14 1,480,13 4,480,14 42,736,600 1,460,988 1,480,13 4,480,14 4,480,14 4,480,14 4,480,14 4,480,14 4,480,14	Jun-17		1,821,022	43,937	1,864,959	63,601,583	7,484,395		7,484,395	
90,162,587 2,131,941 52,333 2,186,788 14,889,036 1488,036 14,889,036 83,360,775 2,163,185 52,893 2,216,078 85,576,853 1,1924,500 12 71,569,542 1,573,142 52,893 2,216,078 8,576,853 1,407,667 8 41,136,832 1,118,863 - 1,118,863 - 1,081,922 1,407,667 1 32,552,224 1,081,922 - 1,081,922 - 1,081,922 1 1 30,207,524 1,081,922 - 1,081,922 - 1,081,922 1 1 30,207,524 1,088,192 - 1,081,922 - 1,588,545 1 7 1 30,202,530 1,158,362 4,853 1,158,142 7,844,395 1 3 3 3 1 3 4 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 <td>Jul-17</td> <td>72,905,526</td> <td>2,039,869</td> <td>50,654</td> <td>2,090,523</td> <td>74,996,049</td> <td>12,988,250</td> <td></td> <td>12,988,250</td> <td></td>	Jul-17	72,905,526	2,039,869	50,654	2,090,523	74,996,049	12,988,250		12,988,250	
83,360,775 2,163,185 52,893 2,216,078 85,576,833 12,24,500 12 41,186,942 1,133,142 50,374 1,623,516 73,193,08 8,576,833 12,24,500 8 41,136,942 1,118,863 4,215,636 1,407,667 1 1 32,552,224 1,081,922 - 1,081,922 3,363,4146 570,333 1 32,552,224 1,081,922 - 1,081,922 3,401,7411 817,802 1 32,552,224 1,068,561 - 1,068,561 34,017,411 817,802 1 33,307,557 1,068,561 - 1,068,561 34,017,411 81,802 1 30,900,866 1,460,988 1,480,113 44,216,773 3,535,22 3,535,22 3 42,736,60 1,460,988 1,9125 1,480,113 44,216,773 3,535,22 3 42,736,60 1,460,988 1,480,138 1,480,139 1,483,630 1,484,830 42,736,60 1,460,988 5,380 2,213,240<	Aug-17	90,162,587	2,131,941	52,333	2,184,274	92,346,861	14,889,036		14,889,036	
4,136,542 1,173,142 50,374 1,162,516 7,193,058 8,903,226 8,903,226 8 4,136,832 1,118,863 - 1,118,863 3,401,41 81,932 1 32,522,24 1,081,922 - 1,065,678 34,017,41 817,802 1 32,851,733 1,165,678 - 1,068,561 - 1,068,561 34,017,41 817,802 30,907,557 1,068,561 - 1,068,561 - 1,068,561 32,401 817,802 30,907,557 1,068,561 - 1,068,561 31,376,118 723,401 81,800 30,907,557 1,588,545 1,588,545 32,489,42 736,000	Sep-17		2,163,185	52,893	2,216,078	85,576,853	12,924,500		12,924,500	
4.118,863 1.118,863 4.2,55,695 1,407,667 1 4.118,6832 1,081,922 - 1,188,643 3,401,414 870,333 1 32,525,224 1,086,921 - 1,088,561 34,017,418 870,802 1 30,307,557 1,086,561 - 1,088,561 31,376,118 723,401 1 30,307,557 1,086,561 - 1,088,561 31,376,118 723,401 1 30,900,897 1,588,545 - 1,588,545 32,489,442 736,000 1 32,090,897 1,588,545 32,489,442 736,000 736,000 1 42,736,60 1,460,88 1,480,113 32,489,442 736,000 1 42,736,64 1,480,113 7,443,16,773 3,535,325 1 1 43,365,637 2,080,666 51,667 2,122,38 64,136,79 14,880,36 14,880,36 85,072,991 2,064,49 53,951 2,227,960 94,193,79 14,880,36 14,480,36 <	Oct-17		1,573,142	50,374	1,623,516	73,193,058	8,903,256		8,903,256	
32,52,224 1,081,924 - 1,081,924 35,634,46 570,333 30,307,557 1,165,678 - 1,165,678 31,376,114 87,0333 30,307,557 1,068,561 - 1,168,678 31,376,114 723,401 30,307,557 1,068,561 - 1,068,561 31,376,114 723,401 30,900,897 1,158,362 4,883 1,159,214 33,251,744 961,845 42,736,60 1,460,988 1,9125 1,480,113 44,116,773 3,535,325 7 42,736,60 1,460,988 1,9125 1,480,113 44,116,773 3,535,325 7 42,736,60 1,460,988 1,480,113 44,116,773 3,535,325 7 74,363,637 2,086,666 51,667 2,122,33 76,495,90 12,988,20 12 85,027,991 2,206,449 53,951 2,260,399 87,288,390 12,924,500 12 41,955,68 1,141,241 - 1,141,241 - 1,465,946 1,466,98	Nov-17		1,118,863	•	1,118,863	42,255,695	1,407,667		1,407,667	
34,251,73 1,105,078 - 1,105,078 34,01/41 81/802 30,307,557 1,068,561 - 1,068,561 34,301,441 734,001 30,900,897 1,588,545 - 1,588,545 32,489,442 736,000 32,022,530 1,154,362 4,883 1,159,214 33,251,744 961,845 3 42,736,660 1,460,988 19,125 1,480,113 44,216,773 3,535,325 3 62,971,356 1,857,442 44,816 1,902,258 64,873,614 7,484,395 7 74,365,637 2,080,666 51,667 2,132,333 76,495,970 12,988,250 12 85,027,991 2,206,449 53,380 2,227,960 94,193,798 14,889,036 12 85,027,991 1,064,605 51,382 1,657,986 74,656,919 14,07,667 1 74,995,68 1,103,561 - 1,114,241 43,100,809 570,333 1 83,08,767 1,188,992 - 1,188,992 - 1,1	Dec-1/		1,081,922	1	1,081,922	33,634,146	5/0,333		5/0,333	
30,300,537 1,085,501 - 1,085,504 31,79,118 723,401 32,020,530 1,588,545 - 1,588,545 32,489,442 736,000 32,020,530 1,588,545 1,588,545 33,251,744 961,845 3 42,736,660 1,460,988 19,125 1,480,113 44,216,773 3,535,325 3 62,971,356 1,857,442 44,816 1,902,528 64,873,614 7,484,395 7 7,4363,637 2,080,666 51,667 2,132,333 76,495,970 12,988,520 12 81,965,838 2,174,580 53,380 2,227,960 94,193,798 14,889,036 14 85,027,991 1,660,4605 51,382 1,655,986 74,656,919 8,903,56 8 87,000,933 1,604,605 51,382 1,141,241 - 1,141,241 - 83,203,68 1,103,561 - 1,138,992 - 1,138,992 570,333 83,508,767 1,188,992 - 1,188,992 - 1,188,	Jan-18		1,165,678		1,165,678	34,017,411	817,802		817,802	
32,022,530 1,128,134 4,883 1,159,214 33,251,742 7,05,020 42,736,660 1,460,88 19,125 1,480,113 44,216,773 3,535,335 3 42,736,660 1,460,88 19,125 1,480,113 44,216,773 3,535,335 3 62,971,356 1,857,442 44,816 1,902,258 64,875,614 7,484,395 7 7,4363,637 2,080,666 51,667 2,132,333 76,495,970 12,988,250 12 91,965,838 2,174,580 53,380 2,227,960 94,193,798 14,889,036 14 85,027,931 1,604,605 51,382 1,655,986 74,656,919 14,07,667 8 7,300,933 1,604,605 51,382 1,141,241 - 1,141,241 - 33,003,68 1,103,561 - - 1,103,561 - 1,103,562 8 33,008,767 1,188,992 - 1,114,241 - 1,118,992 34,697,759 817,802 1 30,913,708	Mar-18		1,000,301		1,006,361	32 489 442	736,000		736,000	
42,736,660 1,460,988 19,125 1,480,113 44,116,773 3,535,325 3 62,971,356 1,827,442 44,816 1,902,258 64,873,614 7,484,395 7 7,4363,637 2,080,666 51,667 2,132,333 76,495,970 12,988,250 12 91,965,838 2,174,580 53,380 2,227,960 94,193,798 14,889,036 14 85,027,931 1,604,605 51,382 1,655,986 74,656,919 82,034,56 8 41,959,568 1,113,241 - 1,141,241 - 1,103,561 1 33,508,767 1,188,992 - 1,103,561 - 1,118,992 570,333 30,913,708 1,089,933 - 1,188,992 - 1,188,992 82,003,561 1	Apr-18		1.154.362	4.853	1.159.214	33.251.744	961.845		961.845	
62,971,356 1,857,442 44,816 1,902,258 64,873,614 7,484,395 7 74,363,637 2,080,666 51,667 2,132,333 76,495,970 12,988,250 12 91,965,838 2,145,80 53,80 2,227,960 94,193,798 14,889,036 14 85,027,991 2,206,449 53,801 1,260,399 87,288,390 12,244,500 12 73,000,93 1,604,605 51,382 1,141,241 43,100,809 1,407,667 8 41,955,68 1,103,561 - 1,103,561 - 1,103,561 34,306,829 570,333 33,508,767 1,188,992 - 1,188,992 34,697,759 817,802 8 30,913,708 1,089,933 - 1,089,933 - 1,089,933 32,003,641 723,401	Mav-18		1,460,988	19,125	1,480,113	44.216.773	3,535,325		3.535,325	
74,363,637 2,080,666 51,667 2,132,333 76,495,970 12,988,250 12 91,965,838 2,174,580 53,380 2,227,960 94,193,798 14,889,036 14 85,027,991 2,206,49 53,931 2,260,399 87,288,390 12,224,500 12 73,000,933 1,604,605 51,382 1,655,986 74,100,809 1,224,500 8,932,56 8 43,10,556 1,144,241 - 1,143,541 1,440,567 1 1 33,508,767 1,188,992 - 1,118,992 84,697,759 817,802 1 30,913,708 1,089,933 - 1,089,933 - 1,089,933 82,003,641 723,401	Jun-18		1,857,442	44,816	1,902,258	64,873,614	7,484,395		7,484,395	
91,965,838 2,174,580 53,380 2,227,960 94,193,798 14,889,036 14 85,027,991 2,206,449 53,951 2,260,399 87,288,390 11,2924,500 12 73,000,433 1,604,605 51,382 1,655,986 74,656,919 8,903,256 8 4,829,568 1,114,1241 43,100,809 1,407,667 8 1 33,203,268 1,118,992 - 1,118,992 570,333 1 33,508,767 1,118,992 34,697,759 817,802 8 8 33,0913,708 1,089,933 - 1,089,933 32,003,641 723,401 8	Jul-18		2,080,666	51,667	2,132,333	76,495,970	12,988,250		12,988,250	
85,027,991 2,206,449 53,951 2,260,399 87,288,390 12,924,500 12 73,000,933 1,604,605 51,382 1,655,986 74,655,919 8,903,256 8 41,929,568 1,141,1241 43,100,809 1,407,667 8 33,203,268 1,103,561 - 1,103,561 7 33,508,767 1,188,992 - 1,118,992 817,802 30,913,708 1,089,933 - 1,089,933 32,003,641 723,401	Aug-18		2,174,580	53,380	2,227,960	94,193,798	14,889,036		14,889,036	
73,000,933 1,604,605 51,382 1,655,986 74,656,919 8,903,256 8 41,959,568 1,141,241 - 1,141,241 - 1,141,241 43,100,809 1,407,667 0 1 33,203,268 1,103,561 - 1,103,561 34,306,829 570,333 0 1 33,508,767 1,188,992 - 1,188,992 817,802 817,802 0 30,913,708 1,089,933 - 1,089,933 - 1,089,933 0 0	Sep-18		2,206,449	53,951	2,260,399	87,288,390	12,924,500		12,924,500	
41,959,568 1,141,241 - 1,141,241 - 1,141,241 43,100,809 1,407,667 1 33,203,268 1,103,561 - 1,103,561 34,306,829 570,333 1 33,508,767 1,188,992 - 1,188,992 817,802 8 30,913,708 1,089,933 - 1,089,933 - 72,3401	Oct-18		1,604,605	51,382	1,655,986	74,656,919	8,903,256		8,903,256	
33,203,268 1,103,561 - 1,103,561 34,306,829 570,333 8 33,508,767 1,188,992 - 1,188,992 34,697,759 817,802 8 30,913,708 1,089,933 - 1,089,933 32,003,641 723,401 8	Nov-18		1,141,241		1,141,241	43,100,809	1,407,667		1,407,667	
33,508,767 1,188,992 - 1,188,992 34,697,759 817,802 30,913,708 1,089,933 - 1,089,933 32,003,641 723,401	Dec-18		1,103,561		1,103,561	34,306,829	570,333		570,333	
30,913,708 1,089,933 - 1,089,933 32,003,641 723,401	Jan-19		1,188,992		1,188,992	34,697,759	817,802		817,802	
	Feb-19		1 080 033		- 000 000	***************************************			100	-

Industrial																					
City Uses	961,845	3,535,325	7,484,395	12,988,250	14,889,036	12,924,500	8,903,256	1,407,667	570,333	817,802	723,401	736,000	961,845	3,535,325	7,484,395	12,988,250	14,889,036	12,924,500	8,903,256	1,407,667	570,333
Outside - City																					
Inside - City	961,845	3,535,325	7,484,395	12,988,250	14,889,036	12,924,500	8,903,256	1,407,667	570,333	817,802	723,401	236,000	961,845	3,535,325	7,484,395	12,988,250	14,889,036	12,924,500	8,903,256	1,407,667	570,333
Total Commercial	33,916,779	45,101,109	66,171,087	78,025,890	96,077,674	89,034,158	76,150,057	43,962,825	34,992,966	35,391,714	32,643,713	33,802,015	34,595,115	46,003,131	67,494,508	79,586,407	97,999,228	90,814,841	650'629'22	44,842,081	35,692,825
Outside Com Total	1,182,399	1,509,715	1,940,303	2,174,980	2,272,519	2,305,607	1,689,106	1,164,065	1,125,632	1,212,772	1,111,731	1,652,723	1,206,047	1,539,910	1,979,109	2,218,479	2,317,969	2,351,719	1,722,888	1,187,347	1,148,145
Outside Com - Special Base	4,950	19,508	45,712	52,700	54,447	25,030	52,409		-	-		-	5,049	19,898	46,627	53,754	55,536	56,130	53,457	-	1
Outside Commercial O	1,177,449	1,490,208	1,894,591	2,122,279	2,218,072	2,250,578	1,636,697	1,164,065	1,125,632	1,212,772	1,111,731	1,652,723	1,200,998	1,520,012	1,932,483	2,164,725	2,262,433	2,295,589	1,669,431	1,187,347	1,148,145
Inside Commercial	32,734,380	43,591,393	64,230,783	75,850,910	93,805,155	86,728,551	74,460,951	42,798,759	33,867,334	34,178,943	31,531,982	32,149,293	33,389,068	44,463,221	65,515,399	77,367,928	95,681,258	88,463,122	75,950,170	43,654,735	34,544,680
Date	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	0ct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20

Option Control Control <th< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>									
1,881/00 1,881/00 1,881/00 1,981/00		Inside - Wholes							ed Water Demand
1,000 1,00	Jan-		- 200	5,305,500	1,069,100	4,377,700	154,374,179	10.7%	172,900,000
1,480,000 1,48	Feb∹		- 000's	4,987,000		4,536,200	130,579,460	15.5%	154,500,000
1,143,000 2,325,000 420,000 10,120,100 21,22,22,434 31,24,500 31,24,500 32,24,400 42,000 42,000 10,120,100 32,24,40,400 15,124,24,400 42,000 10,120,100 32,24,44,629 10,124,400 32,24,44,620 42,000 10,120,100 32,24,44,629 10,124,400 32,24,44,600 42,000 10,120,100 32,24,44,629 10,124,400 32,24,44,600 42,000 10,120,100 32,24,44,629 10,124,400 32,24,44,600 42,000 10,120,100 32,44,61,629 10,124,600 32,44,61,620	Mar∹		- 000'	5,104,000		4,026,700	134,393,549	24.8%	178,800,000
341700 10,042,00 365,194,165 15,384 15,384 10,042,00 10,042,30 365,194,165 15,384 15,384 10,042,00 10,042,30 365,194,165 15,384 12,384	Apr∹		001'	5,766,100	207,000	7,768,900	167,725,163	21.3%	213,000,000
4,000.50 8,344,500 35,000 11,040.300 54,444,650 15,154 4,000.50 -8,346,500 555,000 11,040.300 54,444,650 17,154 6,255,00 -1,056 45,300 11,040.300 18,250,70,297 -1,056 6,255,00 -1,056 45,300 10,547,200 18,143,200 26,507 -1,056 2,555,00 -1,141,300 30,300 10,547,200 18,143,200 26,507 -1,056 2,555,00 -1,141,300 30,300 10,547,200 18,142,200 26,507 -1,056 1,141,200 -1,141,300 30,300 10,547,200 18,142,200 26,507 11,142,200 10,547,200 18,142,200 26,507 11,142,200 10,547,200 11,142,200 10,547,200 11,142,200 10,547,200 11,142,200 11,142,200 11,142,200 11,142,200 11,142,200 11,142,200 11,142,200 11,142,200 11,142,200 11,142,200 11,142,200 11,142,200 11,142,200 11,142,200 11,142,200 11,142,200 11,142,200<	May∹		- 006'	6,392,900	428,000	8,017,000	217,222,419	38.8%	355,000,000
7,20,40	Jun-		- 005'	8,314,500	362,000	10,162,300	365,194,165	15.1%	430,300,000
1,000,000 1,00	-Inf		- '200	8,986,500	555,000	11,601,800	541,414,659	17.3%	654,400,000
6,66,000 1,113,404,000 4,504,000 4,504,000 1,113,404,000 4,504,000 1,113,404,000 4,504,000 1,113,405,000 1,113,404,000 4,504,000 1,113,405,000 1,113,402 1,	Aug-		- '40/	14,033,407	463,000	13,149,200	559,740,977	-1.0%	554,200,000
2.865000 1.11,13,000 333,300 18,388,399 310,300 19,000 10,000	Sep		000'	11,364,000	453,000	10,567,200	509,232,948	0.5%	511,700,000
1,620,000 1,00	-100			11,113,000	434,000	6,990,400	374,303,982	-30.0%	00,000,575
1,281,000 1,235,500 12,35,500 14,3	- NOV			5,741,000 5,140,000	303,300	3 174 832	157 109 252	28.5%	203,700,000
1,50,100 4,465,500 3,000 1,90,100 146,611,803 21,006 21,000 23,000 20,000	Tab-		400	5 325 400	332,000	12 375 350	798 964 791	19.5%	208,000,000
160,000 1,00,000	Feb		004	7,323,400	337,000	7 982 600	146 611 883	20.0%	183 200 000
2,142,000 3,572,000 38,100 1,88,222,393 45,488 7,53,000 -1,273,000 5,220,000 9,101,700 3,274,202 12,38 7,53,000 -1,273,000 5,55,000 1,010,70 3,214,000 1,278 8,60,000 -1,273,000 5,55,000 1,010,253,00 6,000,103 1,128 8,60,000 -1,273,000 1,273,000 1,278,384,00 1,242,393 6,000,103 1,128 8,60,000 -1,150,000 -1,150,000 1,145,260 1,145,200 <td< td=""><td>Mar-</td><td></td><td>- 000</td><td>4.847,000</td><td>323.000</td><td>9.696.090</td><td>147.967.507</td><td>27.2%</td><td>203,200,000</td></td<>	Mar-		- 000	4.847,000	323.000	9.696.090	147.967.507	27.2%	203,200,000
1,314,000 1,213,000 50,000 1,314,000 1,12,284,293 1,12,284 1,12,284 1,12,284 1,12,284,293 1,12,284 1,12,284,293 1,12,284 1,12,284,293 1,12,284,294 1,12,284,294 1,12,284,294 1,12,284,294 1,12,284,294 1,12,284,294 1,12,284,294 1,12,284,294 1,12,284,294 1,12,284,294 1,12,284,294 1,12,284,294 1,12,284,294 1,12,284,294 1,12,284,294 1,12,284,294 1,12,284,294 1,12,284,284 1,12,284,284 1,12,284,284 1,	Apr-4		000	5.720,000	384,000	8.455.200	188,222,939	45,4%	344,500,000
7,8000 1,1239,000 6,50,00 11,239,00 11,239,00 11,239,00 11,239,00 11,239,00 12,38	May		- 000	7,973,000	502,000	9,015,700	372,478,292	32.3%	550,500,000
7,8000 7,9000 7,9000 14,525,000 667,692,90 1,200 <td>⊦unſ</td> <td></td> <td>000'</td> <td>12,139,000</td> <td>625,000</td> <td>13,238,400</td> <td>621,600,109</td> <td>12.2%</td> <td>707,900,000</td>	⊦unſ		000'	12,139,000	625,000	13,238,400	621,600,109	12.2%	707,900,000
6.000.00 - 13369.90 \$7.100 11278.55 6.00.679,170 5.7% 6.000.00 - 9523.000 46.000 10.278,653 35.44.50.0331 -3.42.89 4,115.00 - 9523.000 46.000 10.275,053 37.445,93 -3.87.8 1,108.70 - 9523.000 28.000 10.142,10 17.443.65,33 0.058 1,108.70 - 5.351,000 28.000 10.142,10 17.443.65,33 0.058 - - 3.448,000 28.000 10.142,10 13.443.593 0.058 - - 3.448,000 28.000 1.848,00 12.445.45 27.18 - - 4,487,000 28.000 3.841.04 13.445.95 3.178 - - 4,487,000 28.000 28.000 18.144.26 13.78 - - 4,487,000 28.000 28.000 18.144.28 27.38 - - 4,487,000 28.000 28.000 18.144.28	-Inf		- 000'	14,526,000	579,000	8,827,300	667,698,149	1.2%	675,900,000
4,00000 11,558,000 468,000 10,203,000 22,40,000 14,08,000 14,08,000 14,08,000 13,000 17,306,200 28,70 12,306,200 17,306,200 17,206,200 17,206,200 17,206,200 17,206,200 17,206,200 10,205 10,505 10	Aug⊣		- 000'	13,369,900	621,000	12,736,595	610,679,170	2.7%	647,300,000
4,340,000	Sep		- 000%	11,558,000	468,000	10,225,300	524,468,310	-14.2%	459,300,000
2,260,00 5,428,700 26,000 10,742,100 173,070,84 9,2% 1,106,700 3,5428,700 266,000 136,435,930 10,5% 10,5%	Oct-		- 000'	9,523,000	373,000	12,306,530	374,920,931	-28.7%	291,300,000
1,108,100 - \$4,28,700 26,6000 178,118,93 110,5% - 3,542,800 28,6000 3,244,610 144,246,818 27,17% - 3,135,500 28,6000 3,244,100 144,246,818 23,17% - 4,048,000 226,000 3,244,100 142,653,030 31,05% - 4,048,000 227,000 27,000 36,04,100 22,013,330 47,376 - 4,473,000 27,000 27,000 27,000 32,04,100 22,04,040 33,04,000 47,376 - 5,500,000 27,000 27,000 26,04,700 52,04 60,04,00 47,38 47,300 60,04,00 47,38 47,300 60,04,00 47,38 47,300 60,04,00 47,38 47,300 60,04,00 47,38 47,300 60,04,00 47,38 47,300 60,04,00 47,38 47,300 60,04,00 47,38 47,300 60,04,00 47,38 47,300 60,00 47,38 47,300 47,38 47,300	Nov→		- 000′	6,351,000	299,000	10,742,100	179,070,854	9.5%	197,200,000
3,564,500 220,000 3,517,260 144,268,518 27,1% 4,133,500 226,000 3,617,260 148,2653,300 31,0% 4,048,000 226,000 3,618,260 142,563,300 31,0% 4,047,000 226,000 3,618,260 142,573,300 47,37% 4,447,000 226,000 3,617,200 3,617,200 6,08,300,109 6,9% 4,467,000 236,000 226,001,109 6,9% 6,0% 4,467,000 236,000 24,17,700 6,08,300,109 6,9% 4,467,000 222,000 24,17,700 54,136,007 8,13,70 5,435,000 222,000 227,000 54,136,007 21,0% 4,233,000 222,000 112,170,039 27,0% 4,233,000 222,000 142,130,91 27,0% 4,233,000 222,000 142,130,91 27,0%	Dec⊹		- 00/1	5,428,700	266,000	7,871,800	173,435,930	10.5%	193,700,000
1. 312,3,500 226,000 324,01 135,930 32.1,3,60 32.8,11 35.1,8 1. 1. 2,000 226,000 226,000 324,01 135,797,989 31.7% 1. 1. 2,000 226,000 226,000 367,400 153,797,989 31.7% 1. 1. 2,000 226,000 227,000 3477,70 640,300,109 6.9% 1. 1. 2,000 25,507,000 73,800 227,001,109 6.0% 6.0% 1. 1. 2,000 25,507,000 222,000 247,700 660,860,109 6.9% 1. 1. 2,000 222,000 222,000 244,566,078 8.4% 6.0% 1. 2,000 222,000 222,000 155,103,04 1.6% 6.9% 1. 2,000 222,000 222,000 155,103,04 1.6% 8.1% 1. 2,000 222,000 220,000 155,103,04 1.6% 8.1% 1. 2,000 222,000 220,000 150,130,04 1.6% 8.1% 1. 2,000 222,000 222,000 150,130,04 1.6% <td>Jan-</td> <td>-07</td> <td></td> <td>3,564,500</td> <td>230,000</td> <td>3,512,600</td> <td>144,246,818</td> <td>27.1%</td> <td>197,900,000</td>	Jan-	-07		3,564,500	230,000	3,512,600	144,246,818	27.1%	197,900,000
. 4,437,000 228,000 6,688,000 142,655,330 337,0% . 4,437,000 228,000 36,680,00 159,799 37,0% . . 4,437,000 228,000 36,740 232,091,330 47.3% . . . 4,487,000 289,000 222,091,330 47.3% 	Feb-	-07		3,123,500	206,000	3,240,100	138,909,117	25.1%	185,500,000
. .	Mar	-07		4,048,000	299,000	006'680'9	142,653,030	31.0%	206,600,000
4,4605,000 287,000 3,871,400 232,091,930 47,3% 4,605,000 380,000 2,867,400 680,800,109 6.9% 5,97,000 3847,400 680,800,109 6.9% 5,952,838 334,000 2211,657 6.93,801,109 6.9% 4,233,000 222,000 1826,010 1824,060,78 1.8% 4,233,000 222,000 185,911,24,323 2.38 4,233,000 222,000 1856,010 15,911,24,323 2.10% 4,233,000 222,000 1856,010 15,911,24,323 2.10% 4,285,000 183,000 222,000 184,000 21,00 186,0170 181,00 21,0% 22,000 182,00 182,00 21,0% 21,0% <t< td=""><td>Apr-</td><td>-07</td><td></td><td>4,737,000</td><td>275,000</td><td>3,618,000</td><td>159,797,989</td><td>33.7%</td><td>241,000,000</td></t<>	Apr-	-07		4,737,000	275,000	3,618,000	159,797,989	33.7%	241,000,000
4,000 33,600 2,668,484 45,594,585 2,228 1,838 5,507,000 33,600 2,668,484 45,594,585 62,28 5,507,000 7,38,834 34,000 2,814,65 60,78 -8,148 4,233,000 222,000 7,38,834 33,124,323 -8,114,53 -8,148 4,233,000 222,000 7,38,834 131,124,53 -2,106 4,233,000 222,000 158,003 165,01304 1.66 4,233,000 222,000 152,700,099 27,99 2,245,000 158,000 152,700,099 27,99 2,245,000 158,000 152,700,099 27,99 2,245,000 136,000 152,700,099 27,99 2,245,000 136,000 152,700,099 27,99 2,245,000 136,000 153,000 153,000 153,000	May-	-07		4,487,000	297,000	3,671,400	232,091,930	47.3%	440,000,000
1.83 . 5,507,000 708,000 3,477,700 6,508,001 7,508,001 7,508,001 7,508,001 16,708,302 7,108,001 7,108,001 16,708,302 7,108,001 7	-unr	-07		4,605,000	339,000	2,668,484	453,947,585	26.2%	614,700,000
1838 - 5,95,884 334,000 2,911,667 610,886,128 - 0.3%	-Inf			5,507,000	209,000	3,477,700	680,800,109	%6.9	731,600,000
- 5,433,000 222,000 7,319,634 381,124,823 -23,0% - 4,834,000 227,000 6,541,506,078 4,834,00 22,000 155,910,30 1,6% - - 4,285,000 183,000 1,890,000 155,10,30,99 27,0% - - 4,285,000 183,000 1,890,000 155,10,30,99 27,9% - - - 227,000 1,890,000 150,1030,99 27,9% - - - 227,000 1,890,000 150,1030,99 27,9% - - - 227,000 1,890,000 150,1030,59 25,8% - - - 221,000 1,87,300 150,405,20 25,8% - - - 221,000 1,87,300 150,405,20 150,8% - - - - 440,000 1,82,300 1,87,39,10 1,67,4% - - - - 440,000 1,83,200 1,67,74,10 1,6	-Ang-		- 828	5,952,838	334,000	2,911,657	610,886,128	-0.3%	900,300,000
- 4,834,000 277,000 7,319,844 381,124,823 -23.0% - - 4,283,000 124,200 1,595,010,304 1,6% - - 4,285,000 183,000 1,595,010,399 27.9% - - 22,000 1,890,000 152,700,099 27.9% - - 226,000 1,800,000 152,700,099 27.9% - - 226,000 1,800,000 152,700,099 27.9% - - 226,000 1,800,000 152,700,099 27.9% - - 226,000 7,81,900 140,622,242 26.8% - - 226,000 6,582,000 150,130,917 40,4% - - 226,000 6,782,200 150,733 20.5% - - - 450,000 6,782,00 16,784,910 20.7% - - - - 440,00 6,792,00 16,749,10 16,796 - -	Sep	-07		5,433,000	282,000	5,501,700	544,506,078	-8.1%	503,700,000
4,233,000 242,000 6,960,000 156,910,304 1.6% 4,285,000 143,000 161,076,389 21,0% 221,000 1,890,300 161,076,389 27,0% 221,000 1,893,000 14,602,426 26,8% 221,000 1,873,400 142,612,426 26,8% 221,000 1,873,400 140,627,402 26,8% 286,000 7,891,900 150,796 29,5% 440,000 7,1891,900 163,799,175 40,4% 440,000 7,1891,900 20,5% 20,5% 440,000 6,1349,02 20,7% 20,7% 384,000 6,1349,03 21,3% 21,3% </td <td>0ct-</td> <td>-07</td> <td></td> <td>4,834,000</td> <td>277,000</td> <td>7,319,834</td> <td>381,124,823</td> <td>-53.0%</td> <td>309,900,000</td>	0ct-	-07		4,834,000	277,000	7,319,834	381,124,823	-53.0%	309,900,000
- -	Nov	-07		4,233,000	242,000	6,950,000	195,910,304	1.6%	199,100,000
. 227,000 1,890,000 152,700,039 27.5% .	-Dec-	07		4,285,000	193,000	4,959,300	161,076,389	21.0%	203,900,000
- 251,000 3,873,400 142,672,426 26,8% - - 280,000 7,891,900 150,130,597 29.5% - - - 280,000 7,891,00 40,4% 40,4% - - - - 280,000 7,891,00 153,799,175 40,4% - - - - - 450,000 6,113,100 452,723,200 22.5% - - - - - 450,000 6,113,100 452,723,200 22.7% - - - - - 450,000 6,113,100 20.7% 22.7% - - - - - 334,000 6,134,100 416,74 167,74 167,7% - - - - 334,000 7,112,500 161,58 28.3% - - - - - - - - - - - - - - - </td <td>Jan-</td> <td>80.</td> <td></td> <td>-</td> <td>227,000</td> <td>1,890,000</td> <td>152,700,099</td> <td>27.9%</td> <td>211,900,000</td>	Jan-	80.		-	227,000	1,890,000	152,700,099	27.9%	211,900,000
- -	Feb	80 68		'	251,000	3,873,400	142,622,426	26.8%	194,800,000
5.07 7.92,000 4.53,782,600 4.53,782,600 4.53,782,600 4.53,782,600 4.53,782,600 4.53,782,600 2.7782,200 2.57,783,200 2.57,783,200 2.57,783,200 2.57,783,200 2.57,783,200 2.078 2.078 451,000 6,792,200 586,459,100 20.7% 20.7% <td< td=""><td>- INIGE</td><td>90 00</td><td></td><td></td><td>308,000</td><td>006,1987,</td><td>162,700,175</td><td>29.5%</td><td>275,000,000</td></td<>	- INIGE	90 00			308,000	006,1987,	162,700,175	29.5%	275,000,000
- - - 440,000 6,113,100 455,773,200 22.7% - - - 440,000 6,792,200 586,459,100 20.7% - - - 440,000 6,792,200 586,459,100 20.7% - - - 440,000 6,5782,200 567,40,200 -16.7% - - - 324,000 6,586,800 495,449,100 -16.7% - - - 32,000 8,689,000 371,050,327 -22.3% - - - 226,000 8,799,300 186,478,81 5.8% - - - 226,000 8,799,300 157,741,212 15.6% - - - 226,000 2,683,000 136,199,281 20.2% - - - 226,000 2,744,212 15.6% - - - 226,000 2,744,212 15.6% - - - 226,000 2,685,800	-May-	9 8			343,000	3,562,200	325 262 640	32.5%	482 200 000
. 451,000 6,792,200 586,459,100 20.7% 6,078 . 384,000 6,396,800 695,740,200 -16.7% 6,078 . . 324,000 7,112,500 479,148,763 -5,7% )-unf	80			450,000	6,113,100	452,723,200	22.7%	585,300,000
6.078 . . 354,000 6,936,800 695,740,200 . .16,7% 6.078 . . 5,078 406,000 7,112,500 475,148,763 -5,7% . <	-Int	80-		-	451,000	5,792,200	586,459,100	20.7%	739,100,000
5,078 406,000 7,112,500 479,148,763 -5.7% - - 329,000 8,689,000 371,050,327 -22.3% - - - 334,000 8,689,000 157,047,884 5.8% - - - - 226,000 8,448,600 157,741,212 15.6% - - - - 277,000 4,552,700 157,741,212 15.6% - - - - 286,000 2,568,300 136,199,281 20.2% - - - - 286,000 2,568,300 136,199,281 20.2% - - - - 286,000 2,568,300 149,231,377 30.6% - - - - 228,000 2,746,102 26.1% - - - - 228,000 2,746,102 26.1% - - - - 228,000 2,746,102 26.1% - -	Aug∹	-08		-	354,000	6,936,800	695,740,200	-16.7%	596,400,000
. .	Sep∹			5,078	406,000	7,112,500	479,148,763	-5.7%	453,300,000
. .	Oct-	90-			329,000	8,689,000	371,050,327	-22.3%	303,300,000
. .	Nov∹	80-		-	334,000	4,418,600	188,047,884	2.8%	199,600,000
. 15.6% . <td>Dec∹</td> <td>80-</td> <td></td> <td></td> <td>295,000</td> <td>8,759,300</td> <td>161,598,286</td> <td>17.0%</td> <td>194,800,000</td>	Dec∹	80-			295,000	8,759,300	161,598,286	17.0%	194,800,000
. . . 226,000 2,568,300 136,199,281 20.2% .	Jan-	60-			277,000	4,552,700	157,741,212	15.6%	187,000,000
- - - 361,000 5,615,800 149,231,377 30,6% - - - - 203,000 3,443,100 161,640,204 26.1% - - - 203,000 3,743,100 131,637,783 45,1% - - - 319,000 2,776,578 364,009,082 12,9% 179 - 179 286,000 3,548,147 439,988,575 22,6% - - 311,000 1,535,051 497,796,796 12,7%	-Feb-	60		-	295,000	2,568,300	136,199,281	20.2%	170,700,000
- - - 203,000 3,143,100 161,640,204 26.1% - - - 2,28,000 2,748,300 231,635,783 45.1% - - - 319,000 2,776,578 45.1% 179 - 179 288,000 3,548,147 439,988,575 22.6% - - 311,000 1,535,051 497,796,796 12.7%	Mar-	60-			361,000	5,615,800	149,231,377	30.6%	215,100,000
	Apr	60-			203,000	3,143,100	161,640,204	26.1%	218,700,000
	May∹	60-		-	228,000	2,748,300	231,635,783	45.1%	422,000,000
	-unf		. !	, ,	319,000	2,776,578	364,009,082	12.9%	417,700,000
- 311,000 1,535,051 491,736,796 1.2.7%	-Inf		- 179	1/9	268,000	3,548,147	439,988,575	73.2%	568,300,000
	-Ang-	60		_	311,000	1,535,051	497,796,796	12.7%	570,500,000

11 12 13 15 15 15 15 15 15 15	28,000 1	6,830 6,830 75,000 214,000 246,000 246,000 246,000 2,000 2,000 1,000 1,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 11,000 10,000	233,000 239,000 170,000 188,000 202,000 289,000 253,000	3,891,639 5,155,060 1,986,800	331,086,554 160,125,390	-39.2% 9.8%	237,900,000 177,500,000
	28,000 1,000	6,830 6,830 75,000 214,000 378,000 378,000 378,000 378,000 2,000 1,000 1,000 1,000 1,000 1,000 2,000 2,000 2,000 2,000 2,000 4,000 1,000	239,000 170,000 188,000 202,000 289,000 253,000 227,000	5,155,060	160,125,390	9.8%	177,500,000
	28,000 1,000 40,000 1,00	6,830 	170,000 188,000 202,000 289,000 253,000 227,000	1,986,800		21.0%	//
	28,000 40,000 40,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000	6,830 	188,000 202,000 289,000 253,000 227,000		148,556,502	1,1,1	188,000,000
	28,000 1,000	6,830 	202,000 289,000 253,000 227,000	2,680,860	154,777,132	18.1%	189,000,000
	28,000 - 1,000 - 1,000	75,000 214,000 378,000 359,000 34,000 2,000 1,000 1,000 10,000 10,000 10,000 239,675 239,675 296,000 447,000 200,125	289,000	3,377,500	136,794,158	20.3%	171,700,000
	28,000 1,000 40,000 1,000	75,000 214,000 378,000 359,000 246,000 14,000 2,000 1,000 10,000 10,000 10,000 239,675 239,675 296,000 447,000 200,125	253,000	4,325,250	140,560,625	72.5%	193,900,000
	28,000 - 1000 40,000 - 1,000 - 1,000 - 1,000 	75,000 214,000 378,000 359,000 246,000 14,000 2,000 1,000 1,000 10,000 10,000 239,675 239,	227,000	2,314,500	155,187,181	28.6%	217,400,000
	28,000 1,000 40,000 1,000	75,000 31,000 35,000 35,000 246,000 14,000 2,000 1,000 1,000 10,000 10,000 239,675		2,155,900	199,382,698	39.2%	329,700,000
	1,000 40,000 - 1,000 - 1,000 - 1,000 - 15,675 - 15,675 - 125 - 125	214,000 35,000 36,000 246,000 14,000 2,000 1,000 1,000 10,000 10,000 239,675 239,675 239,675 200,125 13,000	422,000	2,794,500	345,332,170	33.5%	519,600,000
	1,000 40,000 1,000 (1,000) 	378,000 359,000 24,000 14,000 2,000 1,000 1,000 10,000 10,000 29,675 29,675 29,675 200,125 13,000	379,000	2,555,465	521,005,337	13.3%	601,200,000
	40,000 1,000 (1,000) 	245,000 14,000 2,000 1,000 1,000 1,000 10,000 295,000 295,000 447,000 13,000	435,000	2,683,100	546,280,290	12.2%	622,500,000
	1,000 (1,000) 	246,000 14,000 2,000 1,000 1,000 10,000 10,000 239,675 239,675 239,675 239,675 247,000 447,000 13,000	363,000	1,476,600	587,561,564	%6.0	593,100,000
	1,000 (1,000)	14,000 2,000 1,000 1,000 10,000 10,000 239,675 239,675 296,000 447,000 447,000 13,000	322,000	3,338,100	476,460,701	-39.4%	341,900,000
	1,000 (1,000) 	2,000 1,000 1,000 10,000 10,000 239,675 296,000 447,000 43,000 13,000	305,000	3,794,200	199,181,715	-6.0%	187,900,000
2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	(1,000) 	1,000 1,000 10,000 10,000 239,675 296,000 447,000 200,125 13,000	322,000	1,173,000	148,142,090	21.0%	187,500,000
2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	15,675	1,000 1,000 10,000 10,000 239,675 296,000 447,000 200,125 13,000	362,000	3,704,300	136,155,066	71 0%	130,600,000
	15,675	1,000 10,000 10,000 239,675 296,000 447,000 200,125 13,000	233,000	3,265,300	127 466 512	%C UC	106,000,000
	15,675 29,000 29,000	10,000 10,000 10,000 239,675 296,000 447,000 13,000	273,000	1,703,645	15,400,312	30.2/0	257 500 000
	15,675	10,000 10,000 239,675 296,000 447,000 200,125 13,000	235,000	1,191,700	251 172 759	30.0%	365 300,000
	29,000	239,675 239,675 296,000 447,000 200,125 13,000	316,000	301,200	9CZ 00V Z3C	%Z'TS	365,300,000
	29,000	296,000 447,000 200,125 13,000	343,000	3,521,300	516 176 991	18 1%	996,998,966
		447,000 200,125 13,000	495,000	2,514,300	586,924,850	18.8%	722.500.000
	125	200,125	298,000	3.250.300	610,174,712	-19.5%	510,800,000
		13,000	326,000	2,284,700	434,606,563	-30.4%	333,200,000
			198,000	1,847,200	193,251,718	2.8%	198,805,395
Jan-12 Feb-12 Mar-13 May-12 Jul-12 Jul-12 Sep-12 Cot-12 Dec-12 Dec-13 Ang-13 Mar-13 Lin-13 Lin-14 Lin-14		3,000	195,000	984,714	153,365,878	20.0%	191,717,971
Reb-12 Mar-12 Apr-12 Apr-12 May-12 Jun-12 Jun-12 Jun-12 Aug-12 Sep-12 Oct-12 Jan-13 Apr-13 Apr-13 Apr-13 Jun-13 J			275,000	1,992,953	154,334,074	21.7%	197,029,234
Mar-12 Apr-12 May-12 Jun-12 Jun-12 Aug-12 Sep-12 Oct-12 Dec-12 Jan-13 Apr-13 Mar-13		3,915	217,500	1,737,004	137,151,305	22.9%	177,828,457
Apr-12 May-12 Jun-12 Aug-12 Sep-12 Oct-12 Nov-12 Dec-12 Jan-13 Apr-13 May-13 Lun-13			281,000	2,369,820	142,561,033	29.8%	202,934,286
May-12 Jun-12 Jun-12 Aug-12 Sep-12 Oct-12 Nov-12 Dec-12 Jan-13 Mar-13 May-13 Lun-13		200	244,000	2,172,420	159,815,425	33.1%	239,017,485
Jun-12 Aug-12 Sep-12 Oct-12 Nov-12 Dec-12 Jan-13 Mar-13 May-13 Lun-13		2,000	271,500	2,035,969	252,029,307	39.1%	414,080,611
Jul-12 Aug-12 Sep-12 Oct-12 Nov-12 Dec-12 Jan-13 Mar-13 Apr-13 Inn-13		42,500	366,000	2,467,583	383,288,247	25.8%	516,830,018
Aug.1.2 Sep.12 Oct.12 Nov-12 Dec-12 Jan-13 Mar-13 Apr-13 Inn-13		226,838	361,000	2,374,947	517,401,915	16.3%	618,319,433
0 0-1-12 0 0-1-12 Nov-12 Dec-12 Jan-13 Mar-13 Apr-13 May-13		337,000	220500	2,557,424	547, 021, 277	2.4% 7/V/	504 901 399
Nov-12 Dec-12 Jan-13 Mar-13 Apr-13 May-13		223,000	324,000	2,300,171	403 963 350	%b'\f'-	304,307,355
Dec-12 Jan-13 Feb-13 Mar-13 Apr-13 Inn-13		13.500	251,500	2.621.787	184.829,457	2.8%	190.141.095
Jan-13 Feb-13 Mar-13 Apr-13 Inn-13		2,500	258,500	1,740,999	152,191,233	20.0%	190,249,583
Feb-13 Mar-13 Apr-13 May-13 Inn 13			275,000	2,575,459	158,804,272	21.7%	202,736,072
Mar-13 Apr-13 May-13 Inn-13		3,915	217,500	2,244,700	141,109,189	75.9%	182,960,194
Apr-13 May-13 Im-13			281,000	3,062,478	146,824,967	29.8%	209,003,956
May-13		200	244,000	2,807,381	164,469,962	33.1%	245,978,739
		3,000	27 L,500	2,031,048	262 715 544	39.T%	425,547,787
CT 111.		226.838	361.000	3.069.103	531.169.125	16.3%	634,771,891
Aug-13		337,000	465,000	3,304,916	599,846,481	5.4%	996'998'889
Sep-13		403,000	330,500	3,238,682	556,546,119	-7.4%	518,374,137
Oct-13		223,063	324,000	3,643,721	415,022,073	-30.9%	317,158,286
Nov-13		13,500	251,500	3,388,090	190,278,225	2.8%	195,746,449
Dec-13		2,500	258,500	2,249,863	156,537,475	20:0%	195,682,687
Jan-14		-	275,000	3,188,986	162,227,448	21.7%	207,106,239
Feb-14		3,915	217,500	2,779,433	144,137,386	22.9%	186,886,511
Mar-14		1 1	281,000	3,792,023	150,135,487	29.8%	213,716,449
Apr-14		200	244,000	3,476,156	168,043,700	33.1%	251,323,567
May-14		5,000	2/1,500	3,257,817	264,249,574	39.1%	434,158,339

Augy 1 Augy 1 Assisted and section and section assistant and section	Date	Inside - Wholesale	Outside - Wholesale	Total Other	Hydrant	Ranch	Total Consupmtion	Non-Revenue	Treated Water Demand
403,000 345,000 400,000 546,00 546,00 703,000 324,000 400,000 557,240,00 7.04 713,000 251,200 4151,200 134,460,21 2.08 713,000 251,200 4151,200 134,460,21 2.08 713,000 251,200 4195,200 134,460,21 2.08 713,000 251,200 31,200 4196,200 12.08 713,000 251,200 31,200 4196,200 12.08 713,000 251,200 31,200 4196,200 12.08 713,000 251,200 31,200 41,200 12.00 12.00 713,000 251,200 31,200 41,200 12.00 12.00 12.00 713,000 251,200 31,200 41,200 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	Jul-14				,000	3,800,226	541,348,192	16.3%	646,936,352
403,000 3345,00 4511,790 452,246,00 7.48 213,000 2515,000 4511,790 452,246,00 1.05 220,000 2515,000 4511,790 152,246,00 1.05 220,000 2515,000 1.145,200 1.05 2.05 220,000 2515,000 1.05 2.05 2.178 220,000 2515,000 2178,400 2.05 2.05 220,000 2515,000 217,200 2.05 2.05 2.05 220,000 271,200 217,200 2.05 <td>Aug-14</td> <td></td> <td></td> <td>337,000</td> <td>465,000</td> <td>4,092,214</td> <td>611,311,634</td> <td>2.4%</td> <td>598'286'549</td>	Aug-14			337,000	465,000	4,092,214	611,311,634	2.4%	598'286'549
13,066 25,1200 4195,202 194,486,271 2.085	Sep-14			403,000	330,500	4,010,202	567,242,046	%4''-	558,336,459
13.00 258,500 27,85,200 13,900 27,85,200 19,946,372 2.08 13.01 258,500 27,85,200 19,946,372 20.08 13.01 21,700 23,21,200 23,21,200 22,00 20.01 20.00 21,700 23,21,200 23,21,200 23,21,200 20.02 21,700 23,21,200 21,700 23,21,200 23,	Oct-14			223,063	324,000	4,511,730	423,286,667	%6 [.] 08-	353'444'028
2,500 2,555,00 2,755,00 3,78,475 16,815,65 2,00 3,915 2,175,00 3,78,475 11,320,95 2,296 3,915 2,175,00 3,78,475 11,518,79 2,276 2,000 2,44,00 4,408,931 115,807,89 2,93,18 2,000 2,44,00 4,408,931 15,610,29 2,93,18 2,000 2,500 2,600 2,600 2,600 2,600 2,000 2,600 2,600 2,600 2,600 2,600 2,600 2,000 2,600 2,744 2,600 2,600 2,744 2,600 2,600 2,744 2,600 2,600 2,744 2,600 2,600 2,744 2,600 2,600 2,600 2,600 2,600	Nov-14			13,500	251,500	4,195,202	194,469,371	78.8	500'028'045
315 217500 3297574 14733005 21.7% 600 2481000 4.04833 11261092 23.9% 700 2481000 4.04833 11261092 23.9% 800 2481000 4.04833 11261092 23.9% 800 2481000 4.04832 112807,893 23.9% 81 2600 271,500 3.661309 23.9% 23.9% 81 2600 271,500 3.661309 3.51700 23.9% 23.9% 81 2600 271,500 4.088,508 6.5617,99 3.9% 2.588 81 270 284,000 4.58,508 6.5617,99 3.9% 2.588 81 270 284,000 4.08,509 4.6517,99 4.58,508 4.56,509 4.65,509 4.65,509 4.65,509 4.65,509 4.65,509 4.65,509 4.65,509 4.65,509 4.65,509 4.65,509 4.65,509 4.65,509 4.65,509 4.65,509 4.65,509 4.65,509 4.65,509 4.65,	Dec-14			2,500	258,500	2,785,826	159,846,726	20.0%	199,819,480
3,915 2,115500 3,154,180 11,154,180	Jan-15			-	275,000	3,783,476	165,835,656	21.7%	211,712,626
5000 274,000 4,424,180 17,807,680 33.18 6000 271,500 3,865,139 21,800,605 33.18 7000 271,500 3,865,139 28,600,615 28,600 2,866,139 21,800 700 27,200 3,865,139 28,600 2,800,600 2,800 2,800 700 27,200 3,865,139 28,600 2,800,600 2,800 2,800 700 27,200 3,800 4,520 3,800 2,800,615,41 2,90 700 27,200 3,800 4,572,73 1,808,407 2,90 700 2,200 2,52,80 3,540	Feb-15			3,915	217,500	3,297,574	147,330,095	%6'72	191,026,13
500 2715.00 3.865139 269.00.04.0 31.18, 10.0 31.18 </td <td>Mar-15</td> <td></td> <td></td> <td>-</td> <td>281,000</td> <td>4,498,931</td> <td>153,610,829</td> <td>29.8%</td> <td>218,663,567</td>	Mar-15			-	281,000	4,498,931	153,610,829	29.8%	218,663,567
5,000 27,500 3,65,00 1,5,00 3,65,00 2,5,00 3,65,00 2,5,00 3,65,00 2,5,00 3,65,00 4,686,256 35,51,00 3,65,00 4,686,256 35,51,00 3,65,00 3,65,00 4,585,63 35,51,00 3,65,00 3,65,00 4,55,00 3,65,00 <	Apr-15			500	244,000	4,124,180	171,807,680	33.1%	256,952,916
226.688 856,000 4,686,550 4,630,495 G 20.88 337,000 4,650,00 4,580,648 522,130,793 16.38 4,650,00 2,650,00 4,585,048 524,346 5.48 4,650,00 3,500,00 4,320,01,53 3.05,46 3.05,46 2,500 2,550,00 4,320,172,17 1.98,81,82 2.58 3,500 2,550,00 4,320,172,17 1.98,81,82 2.58 2,500 2,550,00 4,320,172,17 1.98,81,82 2.58 2,500 2,500 4,200,24 1.53,30,74 2.58 2,500 2,500 4,200,24 1.53,43,47 1.58,31,48 2.58 2,500 2,500 2,400 4,500,352 4.35,45,48 2.58 2.58 2,500 2,500 2,500 5,500 5,500 5,500 5,500 5,500 5,500 5,500 5,500 5,500 5,500 5,500 5,500 5,500 5,500 5,500 5,500 5,500 5,500 5,500 </td <td>May-15</td> <td></td> <td></td> <td>5,000</td> <td>271,500</td> <td>3,865,139</td> <td>269,806,045</td> <td>39.1%</td> <td>443,287,543</td>	May-15			5,000	271,500	3,865,139	269,806,045	39.1%	443,287,543
18,000 4,006,653 552,70,793 16,3% 16	Jun-15			42,500	366,000	4,684,526	409,749,956	25.8%	552,511,273
403,000 485,000 465,000 455,048 623,045 5.46 123,605 224,000 5,352,805 422,045 3.09 13,600 285,200 4,372,731 18,881,282 2.28 13,500 285,200 4,372,731 18,881,282 2.28 13,500 285,200 4,300,785 12,78 2.28 13,500 285,200 4,300,785 12,78 2.28 13,500 285,200 4,200,036 12,697,238 2.28 14,000 2,215,200 4,200,036 12,697,238 2.28 15,000 2,215,200 4,200,036 12,697,238 2.28 15,000 2,215,200 4,210,022 12,218 2.28 15,000 2,215,200 4,210,022 12,218 2.28 15,000 2,215,200 5,210,222 2.28 2.28 15,000 2,215,200 5,210,222 2.28 2.28 15,000 2,215,200 5,212,228 2.28 2.28	Jul-15			226,838	361,000	4,508,663	552,190,793	16.3%	992'868'659
4000 340500 4775778 5764655 7.48 13,500 234,000 353,280 352,805 26,307,150 2008 13,500 251,500 4,207,121 198,881,262 2.88 13,500 255,000 3,501,120 10.08 2,00 258,00 3,501,120 21.58 20.08 2,00 258,00 3,501,120 21.58 20.08 2,00 258,00 3,501,120 21.58 20.08 2,00 258,00 4,201,12 155,212,86 23.18 2,00 258,00 21,12,102 21.58,47,34 21.58 2,00 258,00 21,120,02 21.58,47 23.18 2,00 25,00 25,10,23 21.58 23.18 2,00 25,00 25,10,23 21.58 23.18 2,00 25,00 25,88,28 36,20,13 21.58 2,00 25,00 25,88,28 31,21 21.88 2,00 25,00 25,80 <t< td=""><td>Aug-15</td><td></td><td></td><td>337,000</td><td>465,000</td><td>4,855,084</td><td>623,527,908</td><td>5.4%</td><td>658,891,493</td></t<>	Aug-15			337,000	465,000	4,855,084	623,527,908	5.4%	658,891,493
2.20.06 3, 32,000 5,32,006,554 20.96 2.20.0 2,55,500 4,37,272 163,400,75 2.00 2.20.0 2,500 2,305,500 1,324,007 2.00 2.20.0 2,500 4,311,727 166,400,744 2.17% 2.20.0 2,500 4,311,720 1,514,467 2.29,88 2.20.0 2,500 4,211,700 4,514,67 3.318 2.20.0 2,500 4,211,700 4,514,67 3.318 2.20.0 2,500 4,211,700 4,514,67 3.318 2.20.0 2,500 2,51,500 4,210,21 1,551,846 3.318 2.20.0 2,500 2,51,500 4,210,021 1,551,846 3.318 2.20.0 2,500 3,51,000 4,210,021 1,551,846 15.88 2.20.0 2,500 3,51,000 4,21,701 1,551,846 15.88 2.20.0 2,500 3,51,500 4,21,002 1,541,002 1,581 2.20.0 2,500 3,51,511 4,41,002 1,581 2.20.0 2,500 3,51,511 4,51,502 1,581 2.20.0 2,500 <	Sep-15			403,000	330,500	4,757,783	578,634,859	-7.4%	538,947,870
13500 251500 3491214 198881262 2888 251500 252500 2525160 2525160 2525160 2525160 2525160 25251614 1526374278 221596 24171072 2117207 211720	Oct-15			223,063	324,000	5,352,805	432,061,554	%6'08-	330,179,793
2.50 2.85.500 3.35.15.01 16.54.00.94 2.00% 3.915 2.17,500 4.31.16.17 15.94.00.94 21.9% 4.901.6 4.94.00.05 4.90.48.76 2.29.8% 22.9% 5.00 2.17,500 4.90.05.55 15.64.07.86 2.29.8% 5.00 2.17,500 4.90.17.7 2.75.12.864 3.31.8 2.00 2.15,000 4.90.17.2 2.84.10.6 3.91.8 2.00 2.15,000 4.90.17.2 2.85.11.86 3.91.8 2.00 2.20,000 5.08.23.8 8.65.000 5.08.24.8 8.65.000 2.20,000 2.80,000 5.08.23.8 8.64.000 5.08.24.8 8.64.78 2.50 2.80 2.80 5.80 5.80.40 7.48.78 8.80.40 2.50 2.80 2.80 5.80.24 7.48.8 7.48 2.50 2.80 2.80.00 5.00.25 7.17.8 7.48 2.50 2.17.50 3.41.10.7 1.86.24.3 7.48 2.50<	Nov-15			13,500	251,500	4,977,271	198,881,262	2.8%	204,596,72
5.3515 2.75,000 3,521,107 11,96 22,96 6.00 2.75,000 3,521,1284 15,96 25,97 7.00 2.44,000 4,900,345 15,57,1284 29,86 8.00 2.44,000 4,900,345 116,597,284 29,88 8.00 2.44,000 4,910,222 418,226,253 25,88 8.00 2.44,000 5,102,22 418,226,253 25,88 8.00 2.44,000 5,102,22 418,226,253 16,38 8.00 2.44,000 5,102,21 25,88 16,100,48 25,88 8.00 2.44,000 5,102,21 25,88 36,000 5,102,21 25,88 36,88 8.00 2.41,000 5,102,21 25,840 30,88 36,000 2,102,41 10,88 30,88 8.00 2.41,000 5,102,21 25,840 30,88 36,000 2,102,41 30,98 30,88 36,000 2,102,41 30,88 30,88 36,000 3,41,41,41 30,88 30,88	Dec-15			2,500	258,500	3,305,160	163,340,775	20.0%	204,187,283
3915 217500 359181 15091819 22.958 500 214,000 4,902177 175512,864 33.18 60 214,000 4,2102022 155,627128 29.88 75,000 211,500 4,2102022 15.82,283 25.88 25,000 211,500 4,210202 15.82,283 25.88 25,000 225,000 5,282,315 56,446,786 16.38 25,000 21,000 5,282,315 5,446,786 16.38 25,000 25,200 5,282,315 5,946,734 7,48 25,000 21,200 5,280,343 441,036,291 30.98 25,000 25,500 5,411,381 20.98 2.88 25,000 21,100 4,210,055 2.88 2.88 25,000 21,100 4,210,055 2.88 2.88 25,000 21,100 4,210,055 2.88 2.88 25,000 21,100 4,210,056 2.88 2.88 25,000 21,100	Jan-16				275,000	4,121,072	169,400,944	21.7%	
	Feb-16			3,915	217,500	3,591,814	150,488,796	22.9%	
5,000 244,000 4,492,177 175,512,864 33.1% 6,000 271,500 4,210,021 175,501 26,88 1,000 271,500 5,000 5,102,522 48,246,263 25,8% 226,838 36,000 5,102,522 48,246,268 16,3% 226,838 36,000 5,108,231 50,467,435 7,4% 223,063 324,000 5,804,431 40,46,243 7,4% 23,500 258,500 5,80,076 166,621,611 2,0% 2,500 258,500 3,600,076 166,621,611 2,0% 2,500 258,500 3,600,076 166,621,611 2,0% 2,500 258,500 3,600,076 166,621,611 2,0% 2,500 258,500 3,600,076 166,621,611 2,0% 2,500 258,500 3,600,076 166,621,611 2,0% 2,500 258,000 3,610,00 3,18,043 3,18 2,500 258,000 3,610,00 3,18,043 3,18	Mar-16				281,000	4,900,365	156,977,258	29.8%	
5,000 271,500 4,210,021 275,614,678 39,348 42,500 3,102,523 2,588 16,388 366,000 5,102,525,33 2,588 12,500 4,500 5,102,523 5,588 16,388 361,000 5,102,521 5,588 13,700 46,500 5,182,313 5,0445,786 15,588 -7,488 13,500 2,150 5,834,31 44,1036,291 2,588 13,500 2,150 5,834,31 44,1036,291 2,588 13,500 2,150 3,591,814 15,541,412 2,598 13,500 2,150 3,591,814 15,541,412 2,598 13,500 2,150 3,51,814 15,414,12 2,598 13,500 2,150 3,51,814 15,414,12 2,598 13,500 2,150 3,51,814 15,414,12 2,598 13,500 2,150 3,51,814 15,541,13 2,588 13,500 2,150 4,210,021 2,886,53,17 2,588 13,500<	Apr-16			200	244,000	4,492,177	175,512,864	33.1%	262,494,333
42,500 36,000 5,10,552 448,26,54 16,3% 42,603 6,600 5,10,552 65,446,786 16,3% 43,000 6,500 5,182,315 5,446,786 16,3% 43,000 465,000 5,182,315 5,446,786 7,4% 1,100 1,100 5,182,315 5,48 7,4% 1,250 2,550 3,40,000 5,12,315 2,8% 1,350 2,550 3,54,134 12,09% 2,8% 1,350 2,550 3,54,134 13,54 2,17% 1,250 2,550 3,54,134 13,34 2,17% 1,250 2,550 3,600,07 17,656,41 2,17% 1,250 2,44,00 4,121,02 2,28% 3,11% 2,17% 1,250 2,54,00 3,59,134 13,343 2,28% 3,11% 1,250 2,500 2,14,00 4,11,10,21 2,28% 3,11% 1,250 2,500 2,14,20 3,14,24,34 3,28% 3,11%	May-16			2,000	271,500	4,210,021	275,451,467	39.1%	452,562,892
226,838 361,000 4,910,96 583,446,786 16.3% 403,000 337,000 4,62,000 5,288,298 656,2577,18 5.4% 403,000 3,05,00 5,182,318 590,460,435 7.4% 403,000 2,58,00 5,830,431 441,036,291 -30.9% 2,200 2,58,00 3,600,07 11,626,417 2,8% 2,500 2,58,00 3,600,07 11,266,417 2,17% 2,500 2,58,00 3,600,07 11,266,417 2,17% 3,915 2,175,00 4,121,072 117,666,417 2,17% 3,915 2,175,00 4,121,072 117,666,417 2,17% 4,000 4,121,072 117,666,417 2,17% 5,000 2,17,500 4,110,21 11,343,413 2,19% 5,000 2,17,500 4,110,21 11,343,413 2,19% 5,000 2,17,500 4,110,21 11,343,314 2,19% 5,000 2,17,500 4,110,21 11,348 1,18% <t< td=""><td>Jun-16</td><td></td><td></td><td>42,500</td><td>366,000</td><td>5,102,522</td><td>418,226,253</td><td>25.8%</td><td>563,940,803</td></t<>	Jun-16			42,500	366,000	5,102,522	418,226,253	25.8%	563,940,803
337,000 465,000 5,288,298 663,62,27,318 5,4% 403,000 2,28,00 5,830,431 441,056,291 -7.4% 223,006 3,41,388 203,112,918 2.8% 223,007 2,500 2,51,500 4,41,052 17,66,82,11 2.00.% 223,008 2,500 2,500 4,121,072 17,66,841 2.17% 280,000 2,500 4,121,072 17,66,641 2.17% 5,000 5,000 4,121,072 17,66,641 2.17% 5,000 5,000 4,121,072 17,66,641 2.17% 5,000 2,100 4,421,17 17,89,01,32 2.17% 5,000 2,11,500 4,421,17 17,89,01,32 2.17% 5,000 2,11,500 4,421,17 17,89,01,32 2.17% 5,000 2,11,500 4,421,17 17,89,01,32 2.18% 6,000 2,11,500 3,14,13,412 2.18% 2.18% 7,000 2,11,500 3,14,13,412 2.18% 2.18%	Jul-16			226,838	361,000	4,910,966	563,446,786	16.3%	207'348'529
403,000 310,500 5,482,313 590,460,453 7.4% 10,000 213,003 234,000 5,431,388 203,215,918 2.90% 11,500 25,500 25,15,601 3,600,076 166,821,611 2.00 11,500 25,500 25,500 3,600,076 115,664,17 2.1% 11,500 25,500 25,500 3,51,814 127,664,17 2.1% 11,500 25,500 21,100 4,200,136 160,004,517 2.29% 11,500 25,000 21,100 4,200,136 160,004,517 2.29% 11,500 21,100 4,210,217 118,500,131 3.1% 11,500 21,100 4,210,217 118,500,131 3.1% 11,500 36,000 4,210,212 2.8% 2.2% 11,500 4,210,212 21,520 2.2% 2.2% 2.2% 11,500 36,000 5,11,520 2.1,520 2.2% 2.2% 2.2% 11,500 3,21,50 3,24,23 3,4,52,23 </td <td>Aug-16</td> <td></td> <td></td> <td>337,000</td> <td>465,000</td> <td>5,288,298</td> <td>636,227,718</td> <td>2.4%</td> <td>.72,111,57</td>	Aug-16			337,000	465,000	5,288,298	636,227,718	2.4%	.72,111,57
23,06 384,00 5,880,431 441,036,291 -30.9% 1,500 258,500 3,600,076 166,821,611 2.0% 2,500 258,500 4,121,072 175,696,417 21.7% 2,500 2,81,500 4,121,072 175,696,417 21.7% 2,500 2,81,500 4,121,072 175,696,417 21.7% 2,500 2,81,000 4,903,86 160,004,17 22.9% 5,00 2,15,00 4,402,17 178,901,13 23.9% 6,00 2,15,00 4,402,17 178,901,13 23.9% 7,00 2,15,00 4,402,17 178,901,13 23.9% 8,00 2,15,00 4,210,21 28,83,43 16.3% 8,00 2,15,00 5,182,315 602,100,901 7.4% 8,00 2,250 3,182,315 602,100,901 7.4% 8,00 2,138,231 49,711,436 2.0% 8,00 2,138,231 49,711,436 2.0% 9,0 2,15,00 3,136,34<	Sep-16			403,000	330,500	5,182,315	590,460,435	-7.4%	549,962,362
13,500 24,1,500 5,41,388 203,212,918 2.8% 2,500 25,8500 3,60,076 166,821,611 2.0% 2,500 275,000 4,121,072 172,666,417 21.7% 2,801 2,81,000 4,200,365 160,004,517 29.8% 5,000 271,500 4,490,365 160,004,517 29.8% 2,000 271,500 4,490,365 160,004,517 29.8% 2,000 271,500 4,490,365 160,004,517 29.8% 2,000 271,500 4,490,365 160,004,517 29.8% 2,000 271,500 4,210,021 280,833,17 25.8% 2,000 3,10,000 4,210,956 574,584 16.3% 4,000 5,102,522 426,453,779 2.5% 4,000 5,102,522 426,453,779 2.5% 4,000 5,100 5,108,344 16.3% 4,000 5,100 5,108,344 16.3% 4,000 5,100 5,10,232 24,528	Oct-16			223,063	324,000	5,830,431	441,036,291	-30.9%	337,038,25
2,500 2,85,00 3,600,076 166,821,611 20,0% 3,915 217,500 4,121,072 172,696,417 21.7% 2,500 2,17,500 4,121,072 172,696,417 21.7% 2,500 244,000 4,900,365 160,004,517 22,9% 2,500 244,000 4,402,177 178,920,132 33,1% 2,500 27,500 247,000 27,520 42,00,86,317 25,8% 40,500 26,000 5,102,52 426,432,77 25,8% 40,500 27,500 27,10,20 42,10,96 5,74,528,403 16,3% 40,500 4,510,966 5,74,528,403 16,3% 42,8% 40,300 4,510,966 5,74,528,403 16,3% 40,300 4,510,966 5,74,528,403 16,3% 40,300 4,510,966 5,74,528,403 16,3% 40,300 21,500 5,182,313 44,711,84 17,4% 40,300 21,500 5,182,31 44,711,84 17,7% 40,300	Nov-16			13,500	251,500	5,421,388	203,212,918	2.8%	598'250'602
3,915 275,000 4,11,1072 172,666,417 21.7% - 217,500 4,11,1072 172,666,417 22.9% - 217,500 4,492,177 178,920,132 22.9% 500 224,000 4,492,177 178,920,132 33.1% 2500 221,500 4,210,021 280,863,317 33.1% 2500 221,500 5,100 5,102,522 426,453,779 33.1% 2500 221,500 4,210,021 280,863,317 33.1% 2500 221,500 5,182,315 662,100,901 7.7% 2500 285,000 5,182,315 662,100,901 7.7% 2500 285,00 5,182,315 662,100,901 7.7% 2500 285,00 5,182,315 662,100,901 7.7% 2500 285,00 5,182,315 10,014,48 20.0% 2500 285,00 5,241,384 125,106 2.8% 2500 285,00 3,44,551 162,43,469 21.7% 2500 27,500 3,496,668 175,738,469 21.7%	Dec-16			2,500	258,500	3,600,076	166,821,611	20.0%	508,538,569
3,915 217,500 3,591,814 153,413,412 22.9% 5,000 271,500 4,900,365 16,004,517 29.8% 5,000 271,500 4,210,021 280,863,317 33.1% 2,000 271,500 4,210,021 280,863,317 35.1% 2,500 271,500 4,210,021 280,863,317 35.1% 2,500 271,500 4,210,021 280,863,317 35.1% 2,500 271,500 4,210,021 280,863,317 35.1% 33,000 465,000 5,102,522 426,453,779 25.8% 40,000 4,910,966 574,528,403 16.3% 40,000 4,510,000 5,288,298 648,751,913 5.4% 40,000 5,288,298 648,751,913 5.4% 40,000 5,282,298 648,751,913 5.4% 40,000 5,282,398 207,182,096 2.8% 5,000 274,500 3,404,561 170,074,436 2.0% 5,000 274,500 4,430,424 11	Jan-17				275,000	4,121,072	172,696,417	21.7%	220,471,357
500 24,003.65 160,004,517 29.8% 500 244,000 4,903.65 160,004,517 29.8% 500 21,000 24,921,77 178,920,132 33.1% 500 21,000 21,002,522 426,433,79 25.8% 226,838 36,000 5,102,521 426,433,79 25.8% 40,000 46,000 5,102,522 426,433,79 25.8% 40,000 46,000 5,102,521 426,433,79 5.28,8 40,000 46,000 5,102,315 602,100,901 7.4% 40,000 5,102,315 602,100,901 2.4% 40,000 5,102,315 602,100,901 2.4% 40,000 5,102,318 207,436 2.0% 2,500 25,200 3,40,56 17,713,846 2.1.% 5,000 21,500 3,41,551 15,743,69 2.1.% 6,000 21,500 3,41,551 15,743,69 2.1.% 7,000 21,500 3,41,551 12,743,69 2.1.% <td>Feb-17</td> <td></td> <td></td> <td>3,915</td> <td>217,500</td> <td>3,591,814</td> <td>153,413,412</td> <td>22.9%</td> <td>198,913,676</td>	Feb-17			3,915	217,500	3,591,814	153,413,412	22.9%	198,913,676
500 244,000 4,992,177 178,920,132 33.1% 4,000 271,500 4,210,021 286,833.17 39.1% 4,000 366,000 5,10,956 574,528,403 16.3% 226,838 361,000 4,910,966 574,528,403 16.3% 337,000 465,000 5,182,315 648,751,913 5.4% 403,000 330,500 5,182,315 602,100,901 7.74% 13,500 223,603 3,600,76 5,182,315 602,100,901 7.74% 13,500 258,500 5,421,388 207,182,096 2.8% - 258,500 3,600,76 170,744,46 2.0% - 275,000 3,441,551 156,106,990 22.9% - 275,000 3,441,551 156,106,990 22.9% - 275,000 3,441,551 156,106,990 22.9% - 275,000 3,441,551 156,106,990 22.9% - 280,000 4,032,436 182,046 22.9%	Mar-17				281,000	4,900,365	160,004,517	29.8%	227,764,923
5,000 271,500 4,210,021 280,881,317 39.1% 226,884 366,000 5,102,522 426,483,779 25.8% 226,883 337,000 465,000 5,102,522 426,483,779 5.58 226,883 337,000 465,000 5,182,315 602,100,901 -7.4% 403,000 330,500 5,182,315 602,100,901 -7.4% 223,663 334,000 5,830,31 449,711,842 -3.09% - 223,663 34,600,76 170,74436 2.00% - 258,500 3,60,076 170,74436 20.0% - 275,000 3,948,688 175,728,499 21.7% - 275,000 3,441,551 156,106,990 22.9% - 275,000 3,441,551 156,106,990 22.9% - 217,500 3,441,551 156,106,990 22.9% - 217,500 3,441,551 156,106,990 22.9% - 210,00 4,304,286 182,045,50 22.9% - 240,00 4,304,286 182,406 5.4% <td>Apr-17</td> <td></td> <td></td> <td>200</td> <td>244,000</td> <td>4,492,177</td> <td>178,920,132</td> <td>33.1%</td> <td>267,590,190</td>	Apr-17			200	244,000	4,492,177	178,920,132	33.1%	267,590,190
42,500 356,000 5,102,522 426,433,79 25.8% 42,500 45,1006 5,102,522 42,584 16.3% 40,000 45,000 5,182,315 602,100,901 -7.4% 40,000 223,063 330,500 5,182,315 602,100,901 -7.4% 40,000 223,063 324,000 5,830,431 449,711,842 -30.9% - 23,000 258,500 3,600,766 170,728,406 2.17% - 2500 258,500 3,600,766 170,728,406 21.7% - 275,000 3,441,551 156,106,90 22.9% - 275,000 3,441,551 156,106,90 22.9% - 275,000 3,441,551 156,106,90 22.9% - 217,500 3,441,551 156,106,90 22.9% - 2500 244,00 4,695,360 162,743,160 29.8% - 2500 244,00 4,695,360 4,405,696 25.8% - 2500 <td>May-17</td> <td></td> <td></td> <td>5,000</td> <td>271,500</td> <td>4,210,021</td> <td>280,863,317</td> <td>39.1%</td> <td>461,454,485</td>	May-17			5,000	271,500	4,210,021	280,863,317	39.1%	461,454,485
226,888 361,000 4,310,360 5,788,298 66,48,751,913 5,4% 403,000 345,000 5,283,2315 602,100,901 -7.4% 403,000 324,000 5,882,315 602,100,901 -7.4% 13,500 21,500 5,823,431 449,711,842 -30.9% 223,063 324,000 5,882,0431 449,711,842 -30.9% 25,00 25,500 3,948,68 170,744,46 20.0% 25,00 25,500 3,948,68 175,728,469 21.7% 25,00 24,000 4,304,248 182,045,366 22.9% 500 24,000 4,304,248 182,045,366 33.1% 500 24,000 4,304,248 182,045,366 39.1% 500 24,000 4,304,248 182,045,366 39.1% 5,00 24,000 4,304,248 182,045,67 5.4% 8,00 24,500 4,304,248 182,046,60 5.4% 8,00 4,304,248 182,046,60 5.4%	/I-unr			42,500	366,000	5,102,522	426,453,779	%8.57	5/5,034,888
337,000 465,000 5,286,248 048,71,913 5,4% 403,000 336,000 5,283,431 469,71,913 -30.9% 13,500 251,500 5,421,388 207,182,096 2.8% 2,500 258,500 3,600,076 170,074,436 20.0% 2,500 258,500 3,600,076 170,074,436 20.0% 3,915 217,500 3,441,551 155,106,990 21.7% 5,000 217,500 3,441,551 156,106,990 22.9% 6,000 240,00 4,695,360 162,743,160 29.8% 7,000 24,000 4,033,896 285,949,572 39.1% 40,2500 24,000 4,033,896 285,949,572 39.1% 40,2500 366,000 4,033,896 285,949,572 39.1% 40,2500 366,000 4,033,896 285,949,572 39.1% 40,300 226,838 361,000 4,705,517 585,098,507 -3.4% 40,300 221,000 23,667,003 4,033,896	/I-lnr			226,838	361,000	4,910,966	5/4,528,403	16.3%	686,588,25
405,000 25,030 3,126,33 3,126,34 3,126,34 3,126,34 3,036 3,126,34 3,126,34 3,036 3,126,34 3,036 3,126,34 3,036 3,240 3,240 3,240 3,240 3,240 3,240 3,240 3,240 3,241,348 207,182,06 2,8% 1,500 25,500 3,948,668 175,728,469 21,7% 2,500 2,75,000 3,441,551 156,106,90 22,5% 5,000 2,4,000 4,693,360 162,743,160 29,8% 5,000 2,4,000 4,033,866 285,949,572 39,1% 4,500 3,60,00 4,342,40,606 25,8% 4,500 2,4,000 4,393,866 285,949,572 39,1% 4,500 2,4,000 4,033,806 343,240,606 5,4% 4,500 3,66,000 4,705,517 585,098,507 -1,3% 4,500 4,500 5,67,063 5,67,063 5,67,063 3,28,663 -1,4% 4,300 2,23,063 3,24,060 <td>Aug-1/</td> <td></td> <td></td> <td>337,000</td> <td>465,000</td> <td>5,288,298</td> <td>648,751,913</td> <td>5.4%</td> <td>560,990,490</td>	Aug-1/			337,000	465,000	5,288,298	648,751,913	5.4%	560,990,490
1,500 25,500 3,948,668 175,728,469 2.8% 2.0% 2.8% 2.1,500 3,948,668 175,728,469 2.1,78 2.0% 2.1,500 3,948,668 175,728,469 2.1,78 2.1,500 3,948,668 175,728,469 2.1,78 2.1,500 3,441,551 156,106,90 2.2,9% 2.2,9% 2.4,000 2,44,000 4,695,360 162,743,160 2.9,8% 2.4,500 2,44,000 4,033,896 285,949,572 39.1% 2.26,838 36,000 4,033,896 343,240,606 2.5,8% 2.26,838 36,000 4,705,517 585,098,507 16.3% 2.26,838 36,000 3,65,504 4,705,517 585,098,507 16.3% 2.23,063 330,500 4,565,514 613,203,667 2.3,6% 2.23,063 324,000 5,567,063 66,0708,966 5.4% 2.23,063 2.23,063 3,494,685 2.10,814,846 2.8% 2.23,063 2.25,000 3,783,476 173,086,813 2.0,0% 2.25,00 3,793,757 158,83,731 2.2,9% 2.29% 3,297,574 158,863,731 2.2,9% 2.29%	Sep-1/			403,000	324,000	5 830 431	449 711 842	-7.4%	343 668 07
2,500 2,500 3,948,668 175,728,469 21.7% 3,915 217,500 3,948,668 175,728,469 21.7% 2,500 217,500 3,441,551 156,106,990 22.9% 2,500 244,000 4,695,360 162,743,160 29.8% 5,000 244,000 4,304,248 182,045,366 33.1% 5,000 27,500 4,389,059 434,240,606 25.8% 42,500 366,000 4,889,059 434,240,606 25.8% 42,500 465,000 4,705,517 585,098,507 16.3% 437,000 456,000 5,067,063 66,0708,966 5,4% 433,000 456,000 5,567,063 66,0708,966 5,4% 433,000 223,063 324,000 5,567,063 66,0708,966 5,4% 435,00 23,060 3,494,585 10,34,486 2,79 45,00 25,500 3,494,585 10,34,486 2,7% 45,00 25,00 3,494,67 178,841,846 2,7%	Nov-17			13.500	251.500	5.421.388	207.182.096	%8.2	213,136,10
3,915 2,75,000 3,948,668 175,728,469 21,7% 6,000 217,500 3,441,551 156,106,990 22,9% 7,000 244,000 4,695,360 162,743,160 29,8% 8,000 244,000 4,894,375 39,1% 8,000 244,000 4,894,571 38,445,366 33,1% 8,000 244,000 4,896,059 434,240,606 25,8% 8,000 226,888 361,000 4,705,517 585,098,507 16,3% 8,000 4,896,059 4,705,517 585,098,507 16,3% 8,000 4,865,514 613,203,607 5,4% 8,000 4,865,514 613,203,607 7,4% 8,000 23,400 4,865,514 613,203,607 20,9% 8,000 23,400 4,865,514 613,203,607 20,9% 8,000 23,400 5,967,067,063 66,0708,966 5,4% 8,000 23,500 3,444,675 173,068,813 20,0% 9,000 25,500	Dec-17			2,500	258,500	3,600,076	170.074,436	20.0%	212,604,826
3,915 217,500 3,441,551 156,106,990 22.9% 6 281,000 4,695,360 162,743,160 29.8% 7 244,000 4,304,248 182,045,366 33.1% 8 244,000 4,304,248 182,045,36 39.1% 8 27,500 271,500 4,033,69 285,949,57 39.1% 8 226,88 361,000 4,705,517 585,098,507 16.3% 9 337,000 465,000 5,067,063 660,708,966 5.4% 403,000 330,500 4,965,514 613,203,067 7.4% 13,500 223,063 324,000 5,194,585 10,314,846 2.8% 13,500 25,500 3,194,585 210,314,846 2.8% 13,500 25,500 3,783,476 173,888,373 21.7% 1 25,000 3,297,574 158,863,731 22.9%	Jan-18			. '	275,000	3,948,668	175,728,469	21.7%	224,342,199
28.00 4,695,360 162,743,160 29.8% 500 244,000 4,304,248 182,045,366 33.1% 5,000 271,500 4,036,248 182,045,36 39.1% 6,000 271,500 4,033,896 285,949,572 39.1% 7,000 36,000 4,035,517 585,098,507 16.3% 8,000 4,000 4,055,517 585,098,507 16.3% 9,000 4,055,517 585,098,507 16.3% 1,000 4,055,517 585,098,507 16.3% 1,000 4,055,517 585,098,507 16.3% 1,000 4,055,514 660,708,966 5.4% 1,000 4,055,514 613,203,007 7.4% 1,000 13,500 4,965,514 613,203,007 7.4% 1,000 13,500 1,349,467 173,086,813 20.0% 1,000 1,783,476 178,831,823 21.7% 1,000 1,750 3,297,574 158,863,731 22.9%	Feb-18			3,915	217,500	3,441,551	156,106,990	22.9%	202,406,133
18 500 244,000 4,304,248 182,045,366 33.1% 18 5,000 271,500 4,830,537 34,24,560 25.8K 18 226,380 36,000 4,885,054 25.8K 39.1% 18 226,380 36,000 4,055,517 585,098,507 16.3% 18 337,000 465,000 5,067,063 660,708,966 5,4% 18 403,000 330,500 4,965,514 613,203,067 7.74% 18 13,500 223,063 5,986,516 4,965,84 30,98 18 13,500 25,150 5,194,835 210,387 30,98 18 2,500 25,86,516 4,965,84 4,965,84 30,98 30,98 18 13,500 2,586,516 4,965,84 213,836 20,98 20,98 18 2,500 25,150 5,194,828 217,86 217,86 19 2,500 3,297,574 158,863,731 22.9%	Mar-18			-	281,000	4,695,360	162,743,160	%8'67	731,663,35
18 5,000 271,500 4,033,896 285,949,572 39.1% 18 42,500 366,000 4,889,059 434,40,606 25.8% 18 226,838 361,000 4,705,517 585,098,507 16.3% 18 337,000 465,000 5,067,063 660,708,966 5.4% 18 223,063 330,500 4,965,514 613,203,067 -7,4% 18 223,063 254,500 5,194,585 210,814,846 2,8% 18 2,500 258,500 3,449,467 173,086,813 20,0% 19 - 2,500 3,783,476 178,831,823 21,7% 19 - 275,000 3,783,476 178,831,823 21,7% 19 - 275,000 3,297,574 158,863,731 22.9%	Apr-18			200	244,000	4,304,248	182,045,366	33.1%	272,264,243
13 42,500 36,000 4,889,059 434,240,606 25.8% 13 226,838 361,000 4,705,517 585,098,507 16.3% 13 337,000 465,000 5,067,063 660,708,966 5.4% 14 403,000 330,500 4,965,514 613,203,067 -7.4% 18 223,003 324,500 5,58,516 457,903,867 -30.9% 18 13,500 254,500 5,194,585 210,814,846 2.8% 19 - 2,500 258,500 3,449,467 173,086,813 20.0% 19 - - 275,000 3,783,476 178,831,823 21.7% 19 - 3,3915 217,500 3,297,574 158,863,731 22.9%	May-18			2,000	271,500	4,033,896	285,949,572	39.1%	469,811,130
18 226,838 361,000 4,705,517 585,098,507 16.3% 18 337,000 465,000 5,067,063 660,708,966 5,4% 18 223,063 330,500 4,965,514 613,203,067 -7.4% 18 223,063 324,000 5,586,516 457,903,867 -30.9% 18 13,500 224,000 5,586,516 457,903,867 -30.9% 18 2,500 285,500 3,494,467 173,066,813 20.0% 19 - 275,000 3,783,476 178,831,823 21.7% 19 - 275,000 3,297,574 158,863,731 22.9%	Jun-18			42,500	366,000	4,889,059	434,240,606	%8'57	
18 337,000 465,000 5,067,063 660,708,966 5.4% 18 403,000 330,500 4,965,514 613,203,067 -7.4% 18 223,063 324,000 5,194,585 457,903,867 -30.9% 18 13,500 255,500 5,194,585 210,814,846 2.8% 19 2,500 28,500 3,494,67 173,086,813 20.0% 19 - 275,000 3,783,476 178,831,823 21.7% 19 3,391,574 158,863,731 22.9%	Jul-18			226,838	361,000	4,705,517	585,098,507	16.3%	699,220,019
18 403,000 330,500 4,965,514 613,203,067 -7,4% 18 223,063 324,000 55,865,16 457,903,867 -30,9% 18 13,500 251,500 5,194,885 210,814,846 2,8% 19 2,500 28,864,67 173,086,813 20,0% 19 - 275,000 3,783,476 178,831,823 21,7% 19 3,915 217,500 3,297,574 158,863,731 22.9%	Aug-18			337,000	465,000	5,067,063	996'802'099	5.4%	698,181,286
18 223,063 324,000 5,586,516 457,903,867 -30.9% 18 13,500 251,500 5,194,585 210,814,846 2.8% 18 2,500 258,500 3,449,467 173,086,813 20.0% 19 - 275,000 3,783,476 178,831,823 21.7% 19 3,915 217,500 3,297,574 158,863,731 22.9%	Sep-18			403,000	330,500	4,965,514	613,203,067	-7.4%	571,145,139
18 13,500 251,500 5,194,585 210,814,846 2.8% 18 2,500 258,500 3,449,467 173,086,813 20,0% 19 - 275,000 3,783,476 178,831,823 21,7% 19 3,915 217,500 3,297,574 158,863,731 22,9%	Oct-18			223,063	324,000	5,586,516	457,903,867	-30.9%	349,928,390
18 2,500 258,500 3,449,467 173,086,813 20.0% 19 - 275,000 3,783,476 178,831,823 21.7% 19 3,915 217,500 3,297,574 158,863,731 22.9%	Nov-18			13,500	251,500	5,194,585	210,814,846	2.8%	216,873,253
-19 - 275,000 3,783,476 178,831,823 21.7% -19 3,915 217,500 3,297,574 158,863,731 22.9%	Dec-18			2,500	258,500	3,449,467	173,086,813	20.0%	216,370,505
.19 3,915 217,500 3,297,574 158,863,731 22.9%	Jan-19				275,000	3,783,476	178,831,823	21.7%	228,304,068
	Feb-19			3,915	217,500	3,297,574	158,863,731	22.9%	205,980,483

							%	
Date	Inside - Wholesale	Outside - Wholesale	Total Other	Hydrant	Ranch	Total Consupmtion	Non-Revenue	Treated Water Demand
Apr-19			200	244,000	4,124,180	185,244,725	33.1%	277,049,154
May-19			2,000	271,500	3,865,139	291,148,442	39.1%	478,352,801
Jun-19			42,500	366,000	4,684,526	442,196,369	25.8%	596,262,367
Jul-19			226,838	361,000	4,508,663	595,892,716	16.3%	712,119,603
Aug-19			337,000	465,000	4,855,084	672,918,840	5.4%	711,083,648
Sep-19			403,000	330,500	4,757,783	624,540,683	-7.4%	581,705,138
0ct-19			223,063	324,000	5,352,805	466,274,816	-30.9%	356,325,437
Nov-19			13,500	251,500	4,977,271	214,534,276	2.8%	220,699,572
Dec-19			2,500	258,500	3,305,160	176,168,750	20.0%	220,223,140
Jan-20			-	275,000	3,948,668	182,330,930	21.7%	232,771,173
Feb-20			3,915	217,500	3,441,551	161,966,439	22.9%	210,003,411
Mar-20			-	281,000	4,695,360	168,808,254	29.8%	240,296,958
Apr-20			200	244,000	4,304,248	188,871,807	33.1%	282,473,762
May-20			2,000	271,500	4,033,896	296,792,180	39.1%	487,625,383
Jun-20			42,500	366,000	4,889,059	450,724,403	25.8%	607,761,661
Jul-20			226,838	361,000	4,705,517	607,300,456	16.3%	725,752,384
Aug-20			337,000	465,000	5,067,063	685,801,111	5.4%	724,696,540
Sep-20			403,000	330,500	4,965,514	636,524,667	-7.4%	592,867,174
Oct-20			223,063	324,000	5,586,516	475,285,279	-30.9%	363,211,199
Nov-20			13,500	251,500	5,194,585	218,767,069	2.8%	225,054,008
Dec-20			2,500	258,500	3,449,467	179,603,827	20.0%	224,517,224

Harr GS 1109 547 829 1.00 547 829	Date	Inside Residential	Inside Multi-Family	Inside Irrigation	Inside Residential Total SE+ ME	Outside Residential	Outside Multi-Family	Outside Irrigation	Outside Res - Special Base	Outside Residential Total SE+ ME
9,946,900 12,946,900 12,546,703 12,156,723 12,162,000 12,162,600 12,162,600 12,162,600 12,162,600 12,162,600 11,2,564,900 11,10,505,543 110,543 110,505,543 110,505,543 110,505,543 110,505,543 110,505,543 110,505,543 110,505,543 110,505,543 110,505,543 110,505,543 110,543 11	Jan-05	109,547,839			109,547,839	8,390,000			-	000'06E'8
17.15.66.723 <t< td=""><td>Feb-05</td><td>91,946,900</td><td></td><td></td><td>91,946,900</td><td>6,731,000</td><td></td><td></td><td></td><td>6,731,000</td></t<>	Feb-05	91,946,900			91,946,900	6,731,000				6,731,000
14.15.56,723	Mar-05	95,470,039			95,470,039	7,029,100				7,029,100
279 (1) 20 (1) 4	Apr-05	121,536,723			121,536,723	7,677,600			•	009'229'2
12,010,014	May-05	160,891,579	•	•	160,891,579	9,462,300		•	•	9,462,300
425,812,020 394,132,748 394,132,748 394,132,748 396,132,748 396,132,748 396,132,748 396,132,748 396,132,748 396,240,240 396,24	30-unf	279,120,014	,		279,120,014	13,130,000				13,130,000
345,120,200	SO-Inf	424,146,200	•	•	424,146,200	18,902,000				18,902,000
394,134,134,148	Aug-05	425,802,200			425,802,200	18,743,000				18,743,000
128.64600	Sep-05	394,132,748			394,132,748	17,333,000				17,333,000
112,566,600	Oct-05	279,788,600			279,788,600	11,851,800				11,851,800
112,005,479 113,005,479 113,005,479 113,511,159 113,51	Nov-05	128,564,600			128,564,600	6,710,200				6,710,200
11/10/254/1 1.0	Dec-05	112,596,900			112,596,900	7,637,100				7,637,100
118, 571, 579 118, 571, 579 118, 571, 579 118, 571, 579 118, 571, 571, 571 175, 575, 578 175, 576, 575 175, 576, 575 175, 576, 575 175, 576, 575 175, 576, 575 175, 576, 575 175, 576, 575 175, 576, 575 175, 576, 575 175, 576, 575 175, 576, 575 175, 576, 576 175, 576 175, 577 175, 576 175, 577 175, 576 175, 577 175, 576 175, 577 175, 577 175, 576 175, 577 175, 576 175, 577	Jan-06	117,025,547	•		117,025,547	8,404,900				8,404,900
13,511,159	Feb-06	103,678,953			103,678,953	7,021,000				7,021,000
198.07.11,179 29.8.0.71,174 29.8.0.71,174 40.17.5.0.475 40.17.5.0.475 40.17.5.0.475 40.17.5.0.475 40.17.5.0.475 40.17.5.0.475 40.17.5.0.475 40.17.5.0.475 40.17.5.0.475 40.17.5.0.475 40.17.5.0.475 40.17.5.0.475 40.17.5.0.475 40.17.5.0.475 40.17.5.0.4899 40.27.5.5.5 40.27.5.5.5 40.27.5.5.5 40.27.5 40.27.5.5 40.27.5	Mar-06	102,035,487			102,035,487	000,600,7				000,600,7
4673,710,022 - <t< td=""><td>Apr-06</td><td>138,511,159</td><td></td><td></td><td>138,211,139 553 653 605</td><td>8,567,000</td><td></td><td></td><td></td><td>000,785,800</td></t<>	Apr-06	138,511,159			138,211,139 553 653 605	8,567,000				000,785,800
5/5/17/17/47	lin-06	406 705 880			796 705 880	21 564 200				27 564 200
477,511,171	90-linf	490,793,009			490,793,889	22,384,200				21,384,200
404,1245,700 404,1245,700 404,1245,700 404,1245,700 41,125,125,138 40,246,230 40,225,233 40,225,246,230 40,235,246,230 40,235,246,230 41,125,143,804 42,263,247 42,263,247 42,263,247 42,263,247 43,2143,804 43,380,636 43,380,636 43,380,636 43,414,887 43,263,417 43,414,387 43,263,000 43,400,000 43,400,000 43,400,000 43,500,000 43,400,000 43,500,000 43,500,000 43,500,000 43,500,000 43,500,000 43,500,000 43,500,000 43,500,000 43,500,000 43,500,000 43,500,000 43,500,000 43,500,000 43,500,000 43,500,000 44,500,000 44,500,000 44,500,000 44,500,000 44,500,000 44,500,000 44,500,000 44,380,200 44,500,000 44,380,200 45,500,000 45,5	O-int	325,111,479 477 540 475			325,1/1,4/9 477 540 475	19 200 600				19 200 600
277,511,911	on any	404 186 500			005 381 404	16,057,400				16.057.400
112,455,000 - <td< td=""><td>90-t-00</td><td>279,511,911</td><td>•</td><td></td><td>279,511,911</td><td>11,850,000</td><td></td><td></td><td></td><td>11.850.000</td></td<>	90-t-00	279,511,911	•		279,511,911	11,850,000				11.850.000
115,055,786	Nov-06	123,457,000			123,457,000	6,932,914				6,932,914
103,065,589 100,225,233 115,275,789 118,275,789 1778,887,000 1778,887,000 178,877,000 142,514,904 116,274,289 11,14,387 129,14,1587 124,591,100 194,438,100 194,448,100 194,448,100 194,448,100 194,448,100 194,448,100 194,448,100 194,448,100 194,448,100 194,448,100 194,448,100 194,448,100 194,448,100 194,448,100 194,448,100 194,448,100 194,440 194,440 194,440 194,440 194,440 194,440 194,440 194,440 194,440 194,44	Dec-06	125,055,758			125,055,758	6,958,428				6,958,428
99,508,230	Jan-07	103,665,559			103,665,559	7,801,189			16,000	7,817,189
99,509,230 116,275,789 117,275,789 117,275,789 117,275,789 117,276,189 117,276,189 117,274,284 117,274,289 117,274,289 117,274,289 117,274,289 117,274,289 117,274,289 117,274,289 117,274,289 117,274,289 117,274,289 117,274,289 117,274,289 117,274,289 117,274,289 117,274,289 117,274	Feb-07	100,225,253			100,225,253	6,533,383		•	10,000	6,543,383
115,275,789	Mar-07	99,508,230			99,508,230	6,596,000		•	43,000	6,639,000
178.867,000 <td< td=""><td>Apr-07</td><td>115,275,789</td><td>•</td><td>•</td><td>115,275,789</td><td>7,256,000</td><td></td><td>•</td><td>16,000</td><td>7,272,000</td></td<>	Apr-07	115,275,789	•	•	115,275,789	7,256,000		•	16,000	7,272,000
586,240,631 - <td< td=""><td>May-07</td><td>178,867,000</td><td>•</td><td>•</td><td>178,867,000</td><td>9,201,800</td><td></td><td></td><td>58,000</td><td>9,259,800</td></td<>	May-07	178,867,000	•	•	178,867,000	9,201,800			58,000	9,259,800
493,962,163 - 493,962,163 - 432,962,167 - 432,263,167,700 - 1142,514,904 - 116,274,289 - 80,773,689 22,664,400 80,773,689 21,288,000 83,119,877 21,668,200 194,438,100 28,272,300 91,141,367 21,688,200 194,438,100 28,272,300 91,4438,100 28,272,300 194,438,100 38,194,000 245,903,000 38,194,000 245,903,000 38,194,000 186,940,500 32,260,00 191,414,586 22,821,000 186,940,500 22,821,000 196,640,000 11,371,809 191,414,586 22,682,000 194,438,60 22,682,000 114,43,564 11,40,564 114,43,564 11,40,564 114,43,564 11,40,564 114,43,560 11,40,564 114,43,560 11,40,564 114,43,560 11,40,56	20-unf	363,240,631		•	363,240,631	15,624,200			29,000	15,683,200
493,982,153 - 293,263,247 - 293,164,304 - 142,514,304 - 116,274,289 - 80,773,689 22,654,400 83,198,636 21,288,000 81,141,367 21,685,000 91,141,367 21,685,000 194,439,100 28,272,300 245,541,100 39,914,000 245,541,100 39,914,000 245,541,100 38,168,000 373,924,800 49,664,000 49,600 131,737,000 242,300 38,168,000 89,143,468 22,221,000 166,940,500 22,221,000 11,414,686 22,682,000 11,414,686 22,682,000 11,414,686 22,682,000 11,414,686 22,682,000 11,414,686 22,682,000 11,414,686 22,682,000 11,414,686 22,682,000 11,414,686 22,682,000 11,414,686 22,682,000 11,414,686 22,682,000	70-Inf	550,764,689			550,764,689	22,827,000			171,000	22,998,000
432,286,247 - 142,514,904 - 116,274,289 - 80,773,689 22,654,400 80,773,689 22,654,400 81,141,3897 21,288,000 41,141,3810 28,272,300 194,4381,00 28,272,300 194,581,100 39,914,000 245,541,100 39,914,000 373,354,000 38,169,000 373,354,000 38,169,000 373,354,000 38,169,000 374,3600 131,737,000 166,940,000 43,564,000 100,178,000 22,221,000 100,178,000 22,625,000 100,178,000 22,625,000 116,346,000 11,371,809 114,4686 22,625,000 114,4686 22,625,000 114,4686 22,645,000 22,630,000 22,645,000 244,500,000 25,045,000 245,500,000 25,045,000 244,500,000 38,263,000 38,736,000 25,045,000 25,740,000 94,380,59	Aug-07	493,982,153			493,982,153	18,844,000			223,000	19,067,000
142,514,004 - 116,274,289 - 116,274,289 - 116,274,289 - 116,274,289 22,654,400 80,380,636 21,288,000 81,113,897 21,085,000 194,43,307 21,685,000 194,43,100 28,272,300 245,541,100 34,400,000 245,541,100 34,400,000 355,81,000 34,400,000 373,524,800 34,400,000 49,564,000 11,137,000 100,178,000 22,226,000 61,023,827 100,178,000 22,226,000 61,023,827 100,178,000 22,682,000 61,023,827 100,178,000 22,682,000 77,406 81,44,456 22,682,000 77,506 81,44,456 22,682,000 77,506 81,43,466 22,645,000 77,506 83,55,000 22,645,000 77,506 146,500 25,045,000 94,380,289 241,904,000 40,609,000 94,380,789	Sep-07	432,263,247			432,263,247	16,830,000			443,000	17,273,000
116,274,304 116,274,304 116,274,304 116,274,304 116,274,304 12,080,006 117,41,387 12,1680,000 119,443,307 119,441,387 12,1680,000 13,441,000 13,441,000 13,544,000 14,440,000 14	0ct-07	293,196,700			293,196,700	11,589,000			261,000	11,850,000
90,772,929 22,654,400 93,000 80,780,638 21,265,400 35,000 80,380,638 21,268,000 48,000 91,141,387 21,658,200 48,000 194,438,100 28,272,300 74,413,000 335,841,00 34,400,000 74,413,000 375,924,800 49,564,000 11,1737,000 242,903,000 38,169,000 86,143,465 100,178,000 22,281,000 11,371,000 49,640,500 22,821,000 11,371,600 90,803,000 22,821,000 11,371,600 90,803,000 22,821,000 11,371,600 91,141,666 22,682,000 138,000 87,262,000 1,000 138,000 87,265,000 22,648,440 1,149,554 98,029,000 22,648,440 1,149,564 134,661,000 25,045,000 27,7646 241,904,000 34,540,000 94,380,78 257,376,486 34,540,000 94,380,78 287,340,000 94,380,78	/0-20N	142,514,904			142,514,904	7,512,000			118,000	000,058,7
80,300,500 21,000,700 80,300,500 21,000,700 81,143,87 21,065,000 49,000 91,141,387 21,065,000 1,360,000 194,438,100 28,272,300 31,814,000 335,814,100 38,410,000 96,411,500 375,824,800 49,564,000 131,737,000 242,903,000 38,168,000 131,737,000 166,940,500 22,221,000 11,371,800 166,940,500 22,281,000 11,371,800 173,172,266 22,682,000 1,000 77,177,266 20,673,000 1,000 81,282,000 22,682,000 1,000 87,282,000 22,648,440 1,148,554 134,661,000 25,645,000 77,505 134,661,000 25,645,000 73,56,899 241,904,000 40,608,000 94,380,98 25,734,000 94,380,78	lan-08	90 773 689	22 654 400	- DO 80		6 864 000	244 000	1 000		7 128 000
83,119,897 21,058,500 49,000 91,141,367 21,638,200 1,363,000 194,438,100 28,272,300 31,814,000 335,861,000 39,914,000 131,7300 373,840,000 38,189,000 131,737,809 186,940,500 22,82,000 (61,023,827 100,178,000 22,82,000 (13,77,809 99,803,000 21,571,000 439,343 91,414,666 22,682,000 (149,564 194,7266 20,625,000 1,000 81,282,000 22,644,00 1,149,554 196,335,000 22,645,40 1,149,554 196,335,000 34,540,000 34,280,79 256,740,000 38,203,000 88,816,27 256,740,000 38,203,000 88,816,27 266,740,000 38,203,000 88,816,27 81,282,000 38,203,000 88,816,27 86,223,340,000 38,203,000 88,816,27 86,223,340,000 38,203,000 88,816,27 86,223,340,000 38,203,000 88,816,27 86,223,340,000 38,203,000 88,816,27 86,221,340,000 38,203,000 38,203,000 88,816,27 86,221,340,000 38,203,000 38,203,000 88,816,27 86,221,340,000 38,203,000 38,203,000 88,816,27 86,221,340,000 38,203,000 38,203,000 88,203	Feb-08	80.380.636	21.288,000	35.00(6.330.000	230:000	1.000		000:823:000
91,141,367 21,638,200 1,363,000 1 244,541,100 34,400,000 38,1914,000 34,400,000 38,1914,000 34,400,000 38,1914,000 34,11,300 34,400,000 38,1914,000 34,143,800 34,143,800 34,143,800 34,143,800 34,143,800 34,144,896 22,921,000 11,371,800 39,143,000 31,200,000 34,144,896 32,000 32,268,200 1,000 34,143,800 34,143,800 34,144,896 34,1	Mar-08	83,119,897	21,065,000	49,000		6,354,000	231,000	28,000		6,664,000
194,438,100 28,272,300 31,814,000 245,541,100 34,400,000 74,413,000 335,981,000 38,914,000 96,411,500 242,902,000 38,169,000 89,143,465 186,940,500 32,226,000 61,023,827 100,178,000 21,571,000 439,443 90,803,000 21,571,000 439,443 91,414,896 20,625,000 1,000 87,262,000 20,671,000 77,565 98,029,000 22,645,000 73,796,89 196,335,000 31,228,000 73,796,89 25,440,000 40,608,000 94,380,78 25,540,000 40,608,000 94,380,58 25,540,000 40,608,000 94,380,58	Apr-08	91,141,367	21,638,200	1,363,000		7,106,700	244,000	118,000		7,501,700
245,541,100 34,400,000 74,413,000 335,581,000 38,914,000 96,411,500 242,920,4800 49,664,000 89,143,645 242,940,500 38,168,000 61,023,827 100,178,000 22,221,000 41,371,809 90,803,000 21,571,000 439,243 17,414,686 20,625,000 1,300 87,202,000 20,671,000 77,505 87,202,000 22,645,000 77,505 98,029,000 25,045,000 25,045,60 196,335,000 31,228,000 73,796,899 25,41,000 40,608,000 94,380,78 25,41,000 38,203,000 38,203,000 25,540,000 88,16,521	May-08	194,438,100	28,272,300	31,814,000		10,956,300	355,000	588,000	94,000	11,993,300
335.981,000 39,914,000 96,411,500 375,924,800 49,564,000 131,737,000 242,903,000 32,226,000 61,023,827 106,178,000 22,921,000 11,371,809 90,803,000 22,682,000 438,343 91,414,686 22,682,000 1,000 87,226,000 20,671,000 77,506 87,227,000 22,682,000 77,506 87,226,000 20,671,000 77,506 87,226,000 22,682,000 77,506 89,029,000 22,645,000 77,506 134,61,000 25,045,000 57,576,446 241,904,000 40,609,000 94,380,789 257,340,000 38,203,000 88,16,621	80-unf	245,541,100	34,400,000	74,413,000		13,763,000	444,000	1,157,000	95,000	15,459,000
277,824,800 49,564,000 131,737,000 242,903,000 32,169,000 61,023,827 166,4000 32,26,000 61,023,827 100,178,000 22,921,000 11,371,899 90,803,000 22,821,000 438,343 91,414,666 22,662,000 73,600 87,262,000 20,671,000 77,566 89,023,000 22,648,440 1,149,554 134,661,000 22,645,000 57,876,486 146,335,000 40,609,000 94,380,589 25,440,000 40,609,000 94,380,789 25,7340,000 38,203,000 88,816,521	80-Inf	335,981,000	39,914,000	96,411,500		18,422,000	530,000	1,668,000	227,000	20,847,000
242,293,000 38,169,000 89,143,445 3 166,940,500 22,226,000 11,371,809 1 90,803,000 22,921,000 439,543 1 91,414,696 22,882,000 439,543 1 79,107,256 20,825,000 7,506 1 87,262,000 22,648,440 1,149,554 1 196,335,000 31,328,000 57,576,466 2 24,904,000 34,540,000 73,764,68 2 256,430,000 43,530,000 84,540,000 34,540,000 34,500,000	Aug-08	373,924,800	49,564,000	131,737,000		20,187,000	662,000	1,470,000		22,500,000
100,178,000 32,225,000 61,023,827 22,921,000 61,023,827 22,921,000 61,023,827 22,921,000 439,343 11,371,809 11,37	so-des	242,903,000	38,169,000	89,143,486		14,858,000	400,700	860,000		16,196,700
100,175,000	Nov. 08	186,940,500	32,226,000	61,023,827		10,003,000	311,000	934,000		T1,428,000
91,416-6000 91,416-6000 79,107,256 87,262,000 79,0029,000 20,643,640 11,49,554 114,963,000 22,648,440 11,49,554 114,963,000 34,540,000 25,644,000 34,500,000 34,500,000 34,500,000 34,500,000 34,500,000 34,500,000 34,500,000 38,200,000 38,800,000	Nec-08	100,178,000	21 571 000			6,635,000	239,000	1,000	46,000	7 326 000
78,107,256 20,825,000 1,000 87,262,000 20,671,000 77,505 1 98,029,000 22,648,440 1,149,554 1 134,661,000 25,045,000 20,549,518 1 2416,035,000 31,328,000 73,786,899 2 256,740,000 40,669,000 94,380,789 3 257,340,000 38,203,000 88,816,521 3	Jan-09	91,414,696	22.682,000	(38.00)		000.790.7	234.000	2:000		7,352,000
87.282,000 20,671,000 77,595 1 98,029,000 22,648,440 1,149,554 1 134,661,000 25,045,000 20,649,518 1 196,335,000 31,328,000 75,756,446 2 261,904,000 43,540,000 73,786,889 3 255,740,000 40,669,000 94,380,799 3 38,203,000 88,816,521 3	Feb-09	79,107,256	20,625,000	1,000		6,145,000	198,000	000'2		6,364,000
98,029,000 22,648,440 1,149,554 134,651,000 25,045,000 20,549,518 196,335,000 31,328,000 73,786,846 241,904,000 40,608,000 94,390,798 25,740,000 40,608,000 94,380,789 257,340,000 38,203,000 88,816,521	Mar-09	87,262,000	20,671,000	77,506	П	7,074,000	206,000	103,000	17,000	7,400,000
134.661,000 25,045,000 20,549,518 196.335,000 31,328,000 57,576,486 241,904,000 45,540,000 94,380,79 257,40,000 38,203,000 94,380,79	Apr-09	98,029,000	22,648,440	1,149,554		7,138,000	246,000	26,000		7,426,000
196,335,00 31,328,000 57,576,486 241,904,00 34,540,000 73,796,899 256,740,000 40,609,000 94,380,799 257,340,000 38,203,000 88,816,521	May-09	134,661,000	25,045,000	20,549,518		9,038,000	231,000	138,000	87,000	9,494,000
241,904,000 34,540,000 73,796,899 256,740,000 40,609,000 94,380,799 257,340,000 38,203,000 88,816,521	60-unf	196,335,000	31,328,000	57,576,486		11,347,000	281,000	926,000		12,408,000
256,740,000 40,609,000 94,380,799 257,340,000 38,203,000 88,816,521	60-Inf	241,904,000	34,540,000	73,796,899		13,360,026	290,000	820,000	Ì	14,587,026
257,340,000 38,203,000 88,816,521	Aug-09	256,740,000	40,609,000	94,380,799		14,110,000	389,000	975,000		15,561,000
-	Sep-09	257,340,000	38,203,000	88,816,521		13,858,000	443,000	998,000	86,000	15,385,000

									Г	
Properties Pro	1	00000				000		000	Т.	Outside Residential Total SF+ MF
Proceeding Proceding Pro	Nov-09		32,517,000	8 109 374	114.599.374	9,455,000	327,000	486,000	36,000	10,304,000
This column	Dec-09		22,192,000	93,420	110,223,420	7,190,000	203,000	4,000	16,000	7,413,000
PARAMAN STATEMENTON <	Jan-10	000'606'68	24,246,207	1,000	114,156,207	6,886,000	197,000	3,000	19,000	7,105,000
1, 10, 10, 10, 10, 10, 10, 10, 10, 10,	Feb-10	79,070,000	20,040,415	1,000	99,111,415	5,748,000	848,000	3,000	58,000	000'259'9
111,1800.000 113,180.000 119,180.000	Mar-10	79,753,000	20,994,000	1,000	100,748,000	5,812,000	981,000	2,000	20,000	6,815,000
11,100,000 10,124,000 4,160,000 1,	Apr-10	91,306,741	21,891,000	1,972,756	115,170,497	6,476,000	931,000	000'6	27,000	7,443,000
100,000,000 10	May-10		23,348,066	14,585,668	149,922,734	6,948,000	1,018,000	2,000	61,000	8,034,000
March Marc	Jun-10		30,122,000	46,640,249	273,875,249	10,789,000	1,496,500	583,000	110,000	12,978,500
Marches Accordance Accord	Jul-10		40,181,000	91,094,682	422,309,682	14,434,000	1,496,500	603,000	118,000	16,651,500
Colore	Aug-10		42,380,000	102,858,870	435,393,326	15,188,708	2,171,000	730,000	135,000	18,224,708
Tele Content Tele	Oct-10	242.319.538	40.218.092	92,436,758	374.974.388	12.435.000	1.749.000	1.076.000	252:000	15.512.000
Mathematical Color	Nov-10	106.406.559	23.847,000	15.873.137	146.126.696	6.543.000	000:926	30.000	3,000	7,552,000
Restration 2.0.00 11,172,200 1,147,000 1,000 Restration 2.1.00,044 2.0.00 1,147,000 2.00 Restration 2.1.00,044 2.0.00 1,147,000 2.00 Restration 2.1.00,044 2.0.00 2.0.00 1,000 Restration 2.2.00,042 2.0.00 1,147,000 1,000 Restration 2.2.00,042 2.0.00 1,147,000 1,000 Restration 2.2.00,042 2.0.00 1,147,000 1,100 Restration 2.2.00,042 2.0.00 1,147,000 1,100 Restration 2.2.00,042 2.0.00 1,147,000 1,100 Restration 2.2.00,040 1,100,040 1,100,040 1,100 Restration 2.0.00,040 2.0.00 <th< td=""><td>Dec-10</td><td>86,848,200</td><td>21,987,500</td><td>40,123</td><td>108,875,823</td><td>6,565,000</td><td>951,000</td><td>000'9</td><td>92,000</td><td>7,614,000</td></th<>	Dec-10	86,848,200	21,987,500	40,123	108,875,823	6,565,000	951,000	000'9	92,000	7,614,000
TATEMENTARY 21,100-1143 CARRESTOR 1,147,000 3,000 REFERENCE 21,100-1143 CARRESTOR 2,100-00 3,000 REFERENCE 21,100-1143 CARRESTOR 2,400-00 3,000 REFERENCE 22,100-104 23,100-10-10 1,000 1,000 REFERENCE 22,100-104 1,000 1,000 1,000 REFERENCE 22,100-104 1,000-104 1,000 1,000 REFERENCE 22,100-104 1,000-104 1,000-104 1,000 REFERENCE 22,100-104 1,000-104 1,000-104 1,000-104 REFERENCE 22,100-104 1,000-104 1,000-104 1,000-104 REFERENCE 22,100-104 1,000-104 1,000-104 1,000-104 REFERENCE 22,100-104 1,000-	Jan-11	88,431,400	23,179,806	2,000	111,613,206	6,290,000	1,121,000	3,000	40,000	7,454,000
77 500 May 77 500 May 69 11,188 6.4 20 1865 2.5 20 0 7.0 0 77 500 May 27 10,286 27 10,286 27 10,286 27 10,286 27 10,286 7.0 0 7.0 0 144,200 May 22 17 10,286 22 17 10,286 22 17 10,286 22 17 10,286 7.0 0 7.0 0 144,200 May 22 17 10,286 22 17 10,286 22 17 10,286 22 17 10,286 7.0 0 8.0 10,00 23 1, 10, 10, 10, 10, 10, 10, 10, 10, 10,	Feb-11	76,327,935	21,297,182		97,625,117	5,915,000	1,147,000	2,000	81,000	7,145,000
1845 1845	Mar-11	77,550,044	21,559,143	3,700	99,112,887	4,387,851	2,315,000	3,000	34,000	5,739,85
Teach Teac	Apr-11	98,181,392	22,716,268	3,415,776	124,313,436	5,373,123	2,458,000	2,000	45,000	7,883,123
March Marc	May-11	143,207,466	27,613,892	29,770,595	200,591,953	6,672,553	2,517,000	81,000	98,000	9,368,553
28.2.5.16.42 4.12.5.3.9.4 4.12.5.3.9.4 4.12.5.3.9.4 5.17.7.26 5.87.100 577.100 28.0.4.2.16.42 4.0.4.2.4.4 10.0.4.4.4 4.0.4.2.4.4 4.0.4.2.4.4 1.0.0.4.4 1.0.0.4.4 28.0.6.2.2.7 3.0.0.0.4.2 1.0.0.4.4 1.0.0.4.4 1.0.0.4.4 1.0.0.4.4 1.0.0.4.4 28.0.0.2.2.7 3.0.0.0.4.2 1.0.0.4.4 1.0.0.4.4 1.0.0.4.4 1.0.0.4.4 1.0.0.4.4 1.0.0.4 29.1.2.1.5 2.0.0.0.2.7 1.0.0.4.4 1.0.0.4 1.0.0.4 1.0.0.4 1.0.0.4 1.0.0.4 1.0.0.4 1.0.0.4 1.0.0.4 1.0.0.4 1.0.0.4 1.0.0.4 1.0.0.4 1.0.0.4 <	Jun-11	199,577,996	34,673,193	54,373,825	288,625,014	8,976,000	3,418,000	405,000	131,000	12,930,000
30.00.4.2.2. 40.00.2. 40.00.2. 70.00.00 70.00.00 30.00.4.2.2. 40.00.2. 40.00.2. 70.00.00 70.00 30.00.4.2. 40.00.2. 70.00.00 70.00 70.00 10.17.4.3.84 24.00.06.84 10.00.2. 20.00.00 70.00 10.17.4.3.84 24.00.02. 20.00.20 20.00.00 70.00 10.17.4.3.84 24.00.02. 10.00.20 20.00.00 70.00 10.17.4.3.84 24.00.02. 10.00.20 20.00.00 70.00 10.17.4.3.84 24.00.02. 10.00.20 20.00.00 70.00 10.17.4.3.84 24.00.02. 10.00.00 70.00 70.00 10.17.4.3.84 24.00.02. 10.00.00 70.00 70.00 10.17.4.3.84 24.00.02. 10.00.00 70.00 70.00 10.17.4.3.84 24.00.02. 10.00.00 70.00 70.00 10.17.4.0.0. 24.00.00 24.00.00 20.00.00 20.00.00 10.17.4.0. 24.00.00 24.00.00	Jul-11	284,351,642	43,333,408	84,674,358	412,359,408	12,417,255	3,821,000	577,000	154,000	16,969,255
217,008,057 38,050,068 440,200,358 1,282,21 4,280,000 17,000 0.10,008,057 38,050,068 46,20,240 1,000 1,000 1,000 0.17,138 38,050,068 16,000 1,000 1,000 1,000 0.17,138 38,050,068 1,000 1,000 1,000 1,000 0.17,138 38,050,011 7,000 1,000 1,000 1,000 0.17,138 38,050,011 7,000 1,000 1,000 1,000 0.15,12,138 24,000 1,000 1,000 1,000 1,000 0.15,12,138 24,000 1,000 1,000 1,000 1,000 0.15,12,138 24,000 1,000 1,000 1,000 1,000 0.15,12,138 24,000 1,000 1,000 1,000 1,000 1,000 0.15,12,138 2,000 1,000 1,000 1,000 1,000 1,000 0.15,12,128 2,000 1,000 1,000 1,000 1,000 <t< td=""><td>Aug-11</td><td>310,674,227</td><td>47,265,797</td><td>105,545,898</td><td>463,485,922</td><td>13,653,000</td><td>4,540,000</td><td>781,000</td><td>173,000</td><td>19,147,000</td></t<>	Aug-11	310,674,227	47,265,797	105,545,898	463,485,922	13,653,000	4,540,000	781,000	173,000	19,147,000
4.00.750.00 1.00.00 1.00.00 8.00.05.15 2.46.80.48 1.00.02.25 1.00.00 1.00.00 8.00.05.15 2.46.80.48 1.00.02.25 1.00.00 1.00.00 1.00.00 8.00.05.15 2.46.80.74 1.00.02.35 1.00.00 1.00.00 1.00.00 8.00.05.15 2.15.40.54.54 1.00.00 1.00.00 1.00.00 1.00.00 8.00.10.05 2.15.40.54.54 2.65.00 1.00.00 1.00.00 80.00 1.00.00 8.00.10.10 2.15.40.54.54 2.65.80 1.00.00 1.00.00 1.00.00 1.00.00 1.00.00 8.00.10.10 2.15.40.54.54 2.65.80 1.00.00	Sep-11	324,823,276	48,787,417	78 008 138	486,280,583	12,825,221	4,829,000	778,000	171,000	18,603,22.
86.086.138 2.48.16724 113.013.379 4.622.683 2.706.489 11.000 80.12.086 2.15.48.040 2.04.69 113.013.379 7.130.087 807.466 3.00 80.91.2.086 2.15.48.040 2.05.882 102.48.319 7.04.396 1.07.466 3.00 80.91.2.086 2.15.48.001 7.02.35 1.05.48.49 1.07.466 3.00 99.2.20.0.44 2.15.48.001 3.02.49 2.04.396 1.07.466 3.00 1.81.959.1.24 2.2.50.0.534 3.04.40.753 1.24.8352 2.07.300 465.380 3.89.3.4.2.5 3.2.50.0.547 3.0.3.4587 2.4.2.60.73 1.1.2.40.532 3.0.3.456 3.0.0 3.89.3.4.2.5 3.0.0.407 3.0.0.4587 3.0.406.73 3.	Nov-11	101.741.384	24.849.245	16.782.581	143.373.210	4.887.588	2.144.000	17,000	21,000	385,690,7
91,911,580 24,078,211 70,649 116,120,259 7,130,087 887,456 3,207 86,912,028 21,244,549 26,582 10,248,199 1,074,466 5,880 86,912,028 21,548,691 70,245 10,048,199 1,074,466 5,880 86,912,028 21,568,001 70,275 106,310,010 70,343,966 1,074,466 5,880 86,912,034 21,568,001 70,275 10,433,962 1,022,413 90,138 28,504,346 22,906,534 30,440,753 11,313,952 2,652,444 1,005,830 285,085,28 43,993,02 125,405,253 340,465,73 13,133,922 3,652,56 1,005,830 331,497,599 47,921,786 12,2501,284 468,900,485 17,133,226 3,685,51 1,005,830 331,497,599 47,921,786 11,330,1364 462,701,349 11,533,226 3,685,530 3,697,771 31,404,576 11,334,71 11,733,326 3,686,531 1,005,830 1,005,830 31,404,576 11,242,313 11,242,313	Dec-11	88,035,135	24,819,734	158,510	113,013,379	4,822,685	2,760,436	11,000	28,000	7,622,12
80 (17) 0.08 11,544,540 26,582 110,2483,199 6,290,004 1,074,466 5,880 86 (67) 1.72 10,514,510 10,23,100 1,22,115 90,138 90,138 86 (67) 1.72 21,566,001 30,14,975 108,310,001 7,344,755 2,013,288 96,244 18,1989,124 22,000,594 30,49,75 22,296,591 10,406,538 2,003,382 18,1989,124 22,200,123 36,02,252 36,02,252 2,013,288 26,038 38,7,723 43,04,975 36,04,673 12,133,922 3,145,516 1,405,820 38,7,723 43,04,975 36,04,073 36,04,073 36,04,073 36,04,073 38,7,723 40,128,073 36,04,073 36,04,073 36,04,073 36,04,073 36,04,073 38,04,045 40,128,043 36,045,073 36,045,073 36,045,073 36,045,073 36,045,073 38,046,043 40,128,043 36,044,073 36,044,073 36,044,073 36,044,073 36,044,073 36,044,073 36,044,073 36,044,073 <	Jan-12	91,971,580	24,078,211	70,469	116,120,259	7,130,087	897,456	3,207	34,750	8,065,500
866/17/25 21,566,01 70,275 108,310,001 70,434/75 20,133,288 90,138 90,138 99,203,46 22,900,594 3,044,975 125,145,915 7,043,755 2,013,288 90,2644 90,138 181,986,124 28,207,114 32,430,753 340,466,739 1,139,322 2,079,974 4,055,80 235,016,235 3,509,714 32,430,753 46,266,934 1,040,922 3,465,16 1,409,322 338,786,83 46,416,607 125,501,53 34,45,16 1,205,30 46,530 1,205,80 338,786,83 40,762,77 11,733,247 16,688 3,465,16 1,409,912 2,507,33 338,747,73 40,416,607 17,83,412 11,524,314 1,11,243,31 1,11,243,31 1,11,243,31 1,11,243,31 1,11,244,71 1,11,244,71 1,11,244,71 1,11,244,71 1,11,244,71 1,11,244,71 1,11,244,71 1,11,244,71 1,11,244,71 1,11,244,71 1,11,244,71 1,11,244,71 1,11,244,71 1,11,244,71 1,11,244,71 1,11,244,71 1,11,244,71 1,11,24	Feb-12	80,912,068	21,544,549	26,582	102,483,199	6,290,034	1,074,466	5,880	75,205	7,445,585
99,20,346 3,014,975 125,146,915 7,48,155 2,079,07 9,046,78 181,989,124 28,527,114 32,430,753 125,146,915 10,406,548 2,079,907 466,384 238,016,235 35,087,917 70,382,587 340,466,739 13,145,516 1,409,932 2,679,907 238,016,235 35,087,917 70,382,587 468,900,485 113,193,522 2,825,944 1,005,830 1,226,938 338,497,59 47,921,786 113,301,564 462,721,349 15,826,048 1,326,09 1,326,938 1,345,516 1,409,382 2,825,948 1,326,938 1,346,539 3,826,730 1,346,532 3,846,207 1,346,532 3,846,507 1,356,038 3,846,507 1,356,538 3,846,507 1,356,532 3,846,507 1,358,638 3,948	Mar-12	86,671,725	21,568,001	70,275	108,310,001	7,043,996	1,922,115	90,138	30,528	72,980,6
238,048,124 28,25,114 32,430,733 24,25,6591 1,040,65,88 2,040,6578 2,040,6578 2,040,6578 2,040,6578 2,040,6578 2,040,6578 2,040,6578 2,040,6578 2,040,6578 3,145,516 1,429,382 2,259,244 1,040,534 2,040,533 3,145,516 1,429,382 2,259,244 1,040,532 3,145,516 1,429,382 2,540,450 1,255,010 1,255,010 1,255,010 1,255,010 1,255,010 1,255,010 1,255,010 1,255,010 1,253,226 3,038,531 1,049,912 2,008,022 2,008,022 3,008,020 3,000,020 3,008,020 3,008,020 3,008,020 3,008,020 3,008,020 3,008,020 3,008,020 3,008,020 3,008,020 3,008,020 3,008,020 3,008,020 3,008,020 3,008,020<	Apr-12	99,230,346	22,900,594	3,014,975	125,145,915	7,348,755	2,013,288	95,694	42,343	9,497,083
238,016,235 34,046,734 13133,922 2,850,6330 1 238,016,235 340,06,734 48,040,458 11,313,932 2,842,450 1,002,830 338,889,228 49,416,805 112,501,513 48,040,458 1,326,594 1,326,594 339,342,733 49,416,805 113,301,904 402,721,349 115,680,338 40,666,83 959,123 331,497,599 40,726,177 88,967,307 11,326,501 1,785,726 1,795,726 1,326,501 108,281,615 24,380,623 17,183,412 110,235,766 1,795,784 45,542 108,281,615 24,261,332 17,183,412 110,225,564 1,703,687 40,496 89,013,824 24,561,332 17,239,214 110,234,371 111,234,371 1,704,466 5,703 89,018,82 24,561,337 111,234,371 7,003,996 1,922,115 90,138 89,011,862 22,150,337 72,172 111,234,371 7,003,996 1,922,115 90,138 10,005,565 24,366,238 36,06,538 46,06,538	May-12	181,989,124	28,527,114	32,430,753	242,946,991	10,406,548	2,079,907	465,384	101,633	13,053,47
38.87.88 9.88 44.399.302 96.802.255 488.904.485 17.299.251 3.145,516 1.455.50 2.255.00 33.47.573 49.01.6805 125.00.151 534.261,071 11.753.226 3.08.8551 1.305.90 33.497.593 47.921,786 113.301,964 492.777.211 11.753.226 3.08.8551 1.049.912 2.38.083.628 23.80.83.628 40.756.727 11.753.226 3.038.8551 1.049.912 2.38.083.628 30.65.27.48 24.326.527 115.257.009 7.507.279 2.236.987 9.703 94.454.812 24.728.322 72.372 119.255.00 7.130.087 897.456 3.207 83.06.654 22.136.222 27.299 110.220.003 1.074.466 5.880 3.073 83.06.654 22.136.337 7.2,172 111.234,371 7.043.956 1.074.466 5.880 83.06.654 22.158.910 3.096.334 7.348.355 2.013.288 9.703 101.909.555 22.518.910 3.096.344 1.11.234.31 7.348.355 2.013.288	Jun-12	235,016,235	35,097,917	70,382,587	340,496,739	13,193,952	2,852,944	1,005,830	197,914	17,250,63
3.93.42,53 49,416,805 11,25,02,131 18,793,32 3,644,550 1,245,530 3.93,42,53 49,416,805 11,330,944 492,711,341 11,733,226 3,038,551 1,049,912 2,030,332 2.86,083,628 40,726,777 88,967,307 160,255,61 7,072,667 1,738,784 45,542 2,033,032 9,6434,815 24,783,22 77,372 110,255,066 7,130,087 897,456 3,038,551 1,049,912 2,033 9,6434,812 24,726,532 77,372 110,255,066 7,130,087 897,456 3,207 8,006,604 22,126,537 77,372 110,255,046 6,290,034 1,074,466 5,880 8,001,802 23,18,037 306,396 110,255,0246 6,290,034 1,074,466 5,880 101,905,502 101,095,502 110,44,512 110,44,512 110,44,512 1,044,512 89,011,802 25,18,003 11,28,24,84 110,248,312 1,044,512 1,044,512 101,004,508 20,297,347 33,06,384 244,56,538 20,5	Jul-12	328,788,928	43,399,302	96,802,255	468,990,485	17,299,251	3,145,516	1,429,382	205,620	22,079,77(
331,491,599 40,752,178 413,611,394 40,752,178 40,068,083 40,912 23,41,491,293 288,081,515 24,890,523 17,183,412 150,295,651 7,072,667 1,798,784 45,542 22,61 108,281,615 24,800,623 17,183,412 150,295,651 7,072,667 1,798,784 45,542 23,003 90,632,748 24,728,322 77,292 115,287,009 7,507,279 2,336,967 9,703 83,046,634 22,176,337 72,172 111,234,371 7,043,996 1,974,466 5,800 88,011,862 22,158,910 3,096,379 103,285,66 1,922,115 90,138 101,905,566 23,518,910 3,096,379 118,243,75 2,013,288 92,694 110,905,566 23,518,910 33,06,384 128,548,84 7,248,755 2,013,388 92,694 101,905,566 23,518,910 33,06,384 128,548,84 7,248,755 1,022,115 36,188,733 1,022,115 36,188,734 1,022,115 36,188,734 1,022,113 1,022,111 <t< td=""><td>Aug-12</td><td>359,342,753</td><td>49,416,805</td><td>125,501,513</td><td>534,261,071</td><td>18,789,352</td><td>3,842,450</td><td>1,326,590</td><td>186,973</td><td>24,145,366</td></t<>	Aug-12	359,342,753	49,416,805	125,501,513	534,261,071	18,789,352	3,842,450	1,326,590	186,973	24,145,366
108,281,612 40,726,72 40,726,72 40,726,72 40,726,72 108,281,618 40,526,524 10,285,564 1,788,784 4,542 4,783,42 108,281,618 24,261,532 36,722 115,287,008 7,507,279 2,236,967 9,703 94,454,812 24,726,322 72,372 115,287,008 7,507,279 2,236,967 9,703 88,016,694 22,126,337 72,729 115,287,008 7,507,279 897,456 3,207 89,018,62 22,156,337 72,172 111,234,371 7,043,906 1,974,466 5,880 89,011,862 22,156,337 72,172 111,234,371 7,043,906 1,974,466 5,880 101,909,562 22,158,301 3,906,379 128,548,86 7,043,906 1,074,466 5,880 101,909,562 23,297,347 33,306,384 249,506,560 10,406,548 2,079,907 465,384 1,078,900 241,361,673 36,045,008 36,045,008 36,602,24 1,005,830 1,025,910 36,045,008 44,	Sep-12	331,497,599	47,921,786	113,301,964	492,721,349	15,680,938	4,068,683	959,123	149,352	20,858,097
96,32,748 2,726,524 7,727,724 7,726,724 <t< td=""><td>Nov-12</td><td>108 281 615</td><td>24 830 623</td><td>17 183 412</td><td>150 295 651</td><td>7 072 667</td><td>1 798 784</td><td>45 542</td><td>40.206</td><td>20,67,045 301 750 8</td></t<>	Nov-12	108 281 615	24 830 623	17 183 412	150 295 651	7 072 667	1 798 784	45 542	40.206	20,67,045 301 750 8
94,454,812 24,728,322 72,372 119,255,506 7,130,087 897,456 3,207 83,096,694 22,126,252 27,299 105,255,506 6,290,034 1,074,466 5,880 89,011,862 22,126,322 27,122 111,234,371 7,043,996 1,922,115 90,138 101,909,565 23,518,910 3,066,379 128,524,854 7,348,755 2,013,288 92,694 118,902,830 35,366,324 33,366,384 249,506,560 10,406,548 2,079,97 465,384 1,005,889 241,66,120 44,571,083 99,415,916 481,633,228 17,299,21 3,442,450 1,429,382 360,045,008 50,751,059 128,890,054 56,024,825 15,680,938 4,068,683 959,123 1 360,045,008 50,751,059 116,361,117 506,024,825 15,680,938 4,068,683 959,123 1 360,045,008 50,751,059 17,647,364 15,433,353 7,072,567 1,798,784 1,049,382 360,045,408 25,501,050 17,647,364 </td <td>Dec-12</td> <td>90.632.748</td> <td>24,261,532</td> <td></td> <td>115,257,009</td> <td>7.507.279</td> <td>2,236,967</td> <td>9.703</td> <td>74.292</td> <td>9.828.9</td>	Dec-12	90.632.748	24,261,532		115,257,009	7.507.279	2,236,967	9.703	74.292	9.828.9
83,096,694 22,126,252 27,299 105,250,246 6,290,034 1,074,466 5,880 89,011,862 22,126,327 72,172 111,234,371 7,043,996 1,922,115 90,138 89,011,862 22,156,337 72,172 111,234,371 7,043,996 1,922,115 90,138 101,909,565 23,518,910 3,066,379 249,560,560 10,406,548 2,079,97 465,384 92,694 186,902,83 36,045,560 72,282,917 349,690,151 13,495,251 3,425,46 1,005,830 1 389,045,008 50,751,059 128,890,054 481,633,228 15,680,938 4,068,683 4,068,683 1,429,382 380,045,008 50,751,059 116,361,117 506,024,825 15,680,938 4,068,683 4,058,683 1,049,912 380,044,8034 49,215,674 116,361,117 506,024,825 15,680,938 4,068,683 959,123 1 380,044,81 25,501,050 17,641,364 15,433,363 7,072,567 1,799,745 1,049,382 380,038	Jan-13	94,454,812	24,728,322	72,372	119,255,506	7,130,087	897,456	3,207	34,750	8,065,500
88)011,862 22,150,337 72,172 111,234,371 7,043,996 1,922,115 90,138 101,909,565 23,518,910 3,066,379 128,524,884 7,348,755 2,013,288 92,694 101,909,565 29,297,347 33,06,384 249,506,560 10,406,588 2,073,077 186,902,830 36,045,560 72,282,917 349,606,560 10,406,582 2,673,494 1,005,382 380,045,008 50,751,059 128,890,054 481,633,228 17,299,251 3,425,46 1,429,382 380,045,008 50,751,059 128,890,054 548,686,120 15,890,251 1,429,382 1,326,590 340,448,034 49,215,674 116,361,117 560,024,825 15,680,938 4,068,683 959,123 44,511,866 91,369,474 377,707,196 11,753,226 1,049,912 7,049,912 111,206,219 25,501,050 17,647,364 121,533,333,333 7,072,667 1,074,466 5,880 84,675,531 22,546,651 27,878,746 1,074,466 5,880 84,675,	Feb-13	83,096,694	22,126,252	27,299	105,250,246	6,290,034	1,074,466	5,880	75,205	7,445,585
101,909,565 23,518,910 3,006,379 128,524,854 7,348,755 2,013,288 92,694 186,902,830 29,297,347 33,366,384 249,506,560 10,406,548 2,079,907 465,384 241,361,23 36,045,508 40,455,013 34,506,320 1,379,392 1,005,397 1,005,380 380,045,008 40,571,059 128,890,054 48,686,120 18,789,352 3,442,40 1,326,590 340,448,034 49,215,674 116,361,117 506,024,825 15,680,938 4068,683 959,123 244,511,886 41,825,886 91,369,424 377,707,196 11,753,226 1,798,784 45,516 93,079,448,034 49,16,591 73,47 114,333,836,33 7,077,667 1,798,784 45,522 93,079,448 25,198,160 73,77 111,733,26,30 7,507,29 1,074,466 5,880 84,675,531 22,574,661 73,547 113,347,824 7,043,996 1,074,466 5,880 90,703,087 22,574,194 73,542 107,966,823 20,13,288	Mar-13	89,011,862	22,150,337	72,172	111,234,371	7,043,996	1,922,115	90,138	30,528	72/980'6
186,902,830 29,297,347 33,306,384 249,506,560 10,406,548 2,079,907 465,384 41,861,73 36,045,560 72,282,917 349,605,151 13,193,522 2,852,944 1,005,830 337,666,229 48,045,108 481,653,228 17,293,21 3,445,10 1,429,382 340,45,08 50,751,059 128,890,054 548,686,120 18,789,352 3,442,40 1,326,590 340,448,034 49,215,674 116,361,117 506,024,825 15,680,938 4,068,683 959,123 244,511,886 41,825,886 91,369,424 377,707,196 11,753,226 1,049,912 111,205,219 25,501,050 17,647,364 137,707,196 7,507,296 1,798,784 45,542 96,249,484 40,16,567 17,647,364 13,753,266 1,049,912 3,007 111,205,219 25,501,050 17,647,364 121,511,361 7,507,299 1,044,466 5,880 84,675,531 22,546,651 27,818 107,250,000 6,290,034 1,074,466 5,880	Apr-13	101,909,565	23,518,910	3,096,379	128,524,854	7,348,755	2,013,288	92,694	42,343	9,497,083
41,361,673 36,045,560 72,282,917 346,090,151 13,133,952 2,482,944 1,005,830 337,662,029 44,571,083 99,415,916 481,653,228 17,299,521 3,145,516 1,429,382 369,045,080 50,751,059 128,890,054 586,682,120 18,729,352 3,445,516 1,429,382 340,45,081 49,215,674 116,361,117 506,024,825 15,680,38 4,068,683 959,123 244,511,886 41,825,886 91,369,424 377,707,196 11,753,226 3,038,551 1,049,912 111,205,219 25,501,050 17,647,364 114,335,694 7,507,297 2,236,967 95,742 96,249,432 25,501,050 17,647,364 115,51,361 7,130,097 897,466 3,073 84,675,531 22,546,651 27,818 107,250,000 6,290,034 1,074,466 5,880 90,703,087 22,571,194 73,543 113,347,824 7,043,996 1,922,115 90,138 104,85,847 25,983,399 25,532,40 26,643,748 26,043,48 <td>May-13</td> <td>186,902,830</td> <td>29,297,347</td> <td>33,306,384</td> <td>249,506,560</td> <td>10,406,548</td> <td>2,079,907</td> <td>465,384</td> <td>101,633</td> <td>13,053,47</td>	May-13	186,902,830	29,297,347	33,306,384	249,506,560	10,406,548	2,079,907	465,384	101,633	13,053,47
357,000,225 44,371,033 3541,510 42,15,510 4142,510 4142,510 4142,510 36,048,034 36,048,034 48,066,024,825 17,291,251 3,145,510 1,425,590 340,448,034 40,215,674 116,361,117 566,024,825 15,680,338 4,068,683 959,123 244,511,886 41,825,886 91,369,424 377,707,196 11,753,226 3,038,551 1,049,912 111,205,219 25,501,050 17,647,364 114,358,948 7,507,279 2,236,967 9,773 96,249,534 25,198,160 73,130,09 6,230,034 1,074,466 5,880 84,675,534 22,571,194 73,543 7,043,996 1,074,466 5,880 90,703,087 22,571,194 73,543 113,347,824 7,043,996 1,922,115 90,138 10,485,847 25,983,996 33,993,056 25,574,148 10,405,687 26,434,788 26,434,788 26,434,788 26,434,788 26,73,047 465,384	Jun-13	241,361,673	36,045,560	72,282,917	349,690,151	13,193,952	2,852,944	1,005,830	197,914	27,750,639
340,448,034 49,215,674 116,361,117 506,024,825 15,680,338 4,068,683 959,123 244,511,886 41,825,886 91,369,424 377,707,196 11,753,226 3,038,551 1,049,912 7 111,205,219 25,501,050 17,647,364 154,333,633 7,072,667 1,798,784 45,542 7 93,079,832 24,916,593 37,727 118,386,948 7,507,279 2,236,967 9,703 84,675,51 25,501,050 17,647,364 121,521,361 7,130,087 897,466 3,207 84,675,531 22,546,651 27,818 107,250,000 6,220,034 1,974,466 5,880 90,703,087 22,571,194 73,543 113,347,824 7,043,996 1,922,115 90,138 103,845,847 23,65,769 33,55,211 31,55,211 310,966,827 7,348,755 2,079,907 1,074,663 245,545 24,945,944 25,858,396 33,393,205 31,406,827 7,348,755 2,079,907 1,074,85,384	Jui-13	357,666,229	50 751 059	128.890.054	461,055,226	18 789 352	3,143,316	1 326 590	186 973	22,079,770
244,511,886 41,825,886 91,369,424 377,707,196 11,733,226 3,038,551 1,049,912 5.5 111,205,219 25,501,050 17,647,364 154,383,633 7,072,667 1,798,784 45,542 45,542 93,079,832 24,916,593 372,523 118,368,948 7,507,279 2,236,967 9,703 96,249,454 25,198,160 73,747 121,521,361 7,130,087 897,456 9,703 84,675,531 22,546,651 27,818 107,250,000 6,290,034 1,074,466 5,880 90,703,087 22,571,194 73,543 113,347,824 7,043,996 1,922,115 90,138 103,845,847 23,565,769 3,155,211 130,066,827 7,348,755 2,013,288 92,694 190,450,384 36,53,399,205 254,247,185 10,406,548 2,079,907 1,076,904	Sep-13	340,448.034	49.215.674	116,361,117	506,024,825	15,680,938	4,068,683	959,123	149,352	20,858,097
111,205,219 25,501,050 17,647,364 154,383,633 7,072,667 1,798,784 45,542 93,079,832 24,916,593 372,523 118,368,948 7,507,279 2,236,967 9,703 96,249,454 25,198,160 73,747 121,521,361 7,130,087 897,456 9,703 84,675,531 22,546,651 27,818 107,250,000 6,290,034 1,074,466 5,880 90,703,087 22,571,194 73,543 113,347,824 7,043,996 1,922,115 90,188 103,445,847 23,565,769 3,155,211 13,046,582 2,013,288 92,694 190,453,947 36,547,185 12,040,548 2,079,907 1,079,907 1,075,007	Oct-13	244,511,886	41,825,886	91,369,424	377,707,196	11,753,226	3,038,551	1,049,912	237,860	16,079,548
93,079,832 24,916,593 372,523 118,368,948 7,507,279 2,236,967 9,703 96,249,454 25,198,160 73,747 121,521,361 7,130,087 897,456 3,207 84,675,531 22,546,651 27,818 107,250,000 6,290,034 1,074,466 5,880 90,703,087 22,571,194 73,543 113,347,824 7,043,996 1,922,115 90,138 190,453,584 23,555,396 33,593,005 254,247,185 10,406,548 2,013,288 92,694 245,544,545 36,53,396 33,593,005 254,247,185 10,406,548 2,079,907 10,053,004	Nov-13	111,205,219	25,501,050	17,647,364	154,353,633	7,072,667	1,798,784	45,542	40,206	8,957,198
96,249,454 25,198,160 73,747 121,521,361 7,130,087 897,456 3,207 84,675,531 22,546,651 27,818 107,250,000 6,290,034 1,074,466 5,880 90,703,087 22,571,194 73,543 113,347,824 7,043,996 1,922,115 90,188 103,845,847 23,955,396 33,593,005 254,247,185 10,406,548 2,079,907 465,384 1	Dec-13	93,079,832	24,916,593	372,523	118,368,948	7,507,279	2,236,967	6),703	74,292	9,828,240
84,675,531 22,546,651 27,818 107,250,000 6,290,034 1,074,466 5,880 90,703,087 22,571,194 73,543 113,347,824 7,043,996 1,922,115 90,138 103,845,847 23,965,769 3,155,211 130,966,827 7,348,755 2,013,288 92,694 190,453,984 29,853,996 73,545,703,78 254,247,745 10,406,548 2,079,907 465,384 245,875,475 73,48,755 2,079,907 465,384 10,406,548 10,406,548 10,406,548 10,406,344 10,406,344 10,406,344 10,406,444 <td>Jan-14</td> <td>96,249,454</td> <td>25,198,160</td> <td>73,747</td> <td>121,521,361</td> <td>7,130,087</td> <td>897,456</td> <td>3,207</td> <td>34,750</td> <td>8,065,500</td>	Jan-14	96,249,454	25,198,160	73,747	121,521,361	7,130,087	897,456	3,207	34,750	8,065,500
90,703,087 22,571,194 73,543 113,347,824 7,043,996 1,922,115 90,138 10.3845,847 23,965,769 3,155,211 120,966,827 7,248,755 2,013,288 92,694 20,045,848 25,043,7485 10,406,548 2,079,907 465,384 2,043,7485 36,730,745 36,77	Feb-14	84,675,531	22,546,651	27,818	107,250,000	6,290,034	1,074,466	5,880	75,205	7,445,585
105,645,644 25,045,749 3,125,711 130,7455,749 2,015,740 465,344 3.45,047,845 34,724,7485 10,406,548 2,079,907 465,384 3.45,047,845 34,724,748 36,724,748 36,724,724,748 36,724,74	Mar-14	90,703,087	22,571,194		113,347,824	7,043,996	1,922,115	90,138	30,528	7,086,77
1 2017-2017-20	Apr-14	100.45,847	23,905,709	3,155,211	130,906,827	10.406.548	2,013,288	92,094	101 623	12 052 771
the column	Iviay-14	245,947,545	36.730.426	73.656.293	356.334.264	13,193,952	2,073,907	1.005.830	197.914	12,033,471

Date	Inside Residential Ins	Inside Multi-Family Ins	Inside Irrigation Ins	Inside Residential Total SF+ MF Out	Outside Residential	Outside Multi-railing Outsi	Outside II igation	Outside Res - Special Base Outside	Outside Residential Total SF+ MF
Jul-14	344,081,888	45,417,933	101,304,818	490,804,639	17,299,251	3,145,516	1,429,382	202,620	22,079,770
Aug-14	1 376,056,863	51,715,329	131,338,965	559,111,156	18,789,352	3,842,450	1,326,590	186,973	24,145,366
Sep-14		50,150,772	118,571,979	515,639,297	15,680,938	4,068,683	959,123	149,352	20,858,097
Oct-14	1 249,157,611	42,620,578	93,105,443	384,883,633	11,753,226	3,038,551	1,049,912	237,860	16,079,548
Nov-14	1	25,985,570	17,982,664	157,286,352	7,072,667	1,798,784	45,542	40,206	8,957,198
Dec-14		25,390,008	379,601	120,617,958	7,507,279	2,236,967	9,703	74,292	9,828,240
Jan-15		25,702,124	75,222	123,951,788	7,130,087	897,456	3,207	34,750	8,065,500
Feb-15		22,997,584	28,374	109,395,000	6,290,034	1,074,466	2,880	75,205	7,445,585
Mar-15		23,022,618	75,014	115,614,780	7,043,996	1,922,115	90,138	30,528	9,086,777
Apr-15		24,445,084	3,218,315	133,586,163	7,348,755	2,013,288	92,694	42,343	9,497,081
May-15		30,451,076	34,617,989	259,332,129	10,406,548	2,079,907	465,384	101,633	13,053,471
Jun-15		37,465,034	75,129,418	363,460,949	13,193,952	2,852,944	1,005,830	197,914	17,250,639
Jul-15		46,326,292	103,330,914	500,620,732	17,299,251	3,145,516	1,429,382	202,620	22,079,770
Aug-15		52,749,636	133,965,744	570,293,380	18,789,352	3,842,450	1,326,590	186,973	24,145,366
Sep-15		51,153,787	120,943,418	525,952,083	15,680,938	4,068,683	959,123	149,352	20,858,097
Oct-15		43,472,990	94,967,552	392,581,305	11,753,226	3,038,551	1,049,912	237,860	16,079,548
Nov-15		26,505,281	18,342,318	160,432,079	7,072,667	1,798,784	45,542	40,206	8,957,198
Dec-15	5 96,745,316	25,897,808	387,193	123,030,318	7,507,279	2,236,967	9,703	74,292	9,828,240
Jan-16	1	26,241,868	76,801	126,554,776	7,130,087	897,456	3,207	34,750	8,065,500
Feb-16		23,480,533	28,970	111,692,295	6,290,034	1,074,466	2,880	75,205	7,445,585
Mar-16	94,460,009	23,506,093	76,589	118,042,691	7,043,996	1,922,115	90,138	30,528	9,086,777
Apr-16		24,958,431	3,285,899	136,391,473	7,348,755	2,013,288	92,694	42,343	9,497,081
May-16	5 198,342,588	31,090,549	35,344,967	264,778,103	10,406,548	2,079,907	465,384	101,633	13,053,471
Jun-16		38,251,800	76,707,136	371,093,629	13,193,952	2,852,944	1,005,830	197,914	17,250,639
Jul-16		47,299,144	105,500,864	511,133,767	17,299,251	3,145,516	1,429,382	205,620	22,079,770
Aug-16		53,857,378	136,779,025	582,269,541	18,789,352	3,842,450	1,326,590	186,973	24,145,366
Sep-16		52,228,017	123,483,230	536,997,076	15,680,938	4,068,683	959,123	149,352	20,858,097
Oct-16		44,385,922	96,961,871	400,825,513	11,753,226	3,038,551	1,049,912	237,860	16,079,548
Nov-16		27,061,892	18,727,506	163,801,153	7,072,667	1,798,784	45,542	40,206	8,957,198
Dec-16		26,441,662	395,324	125,613,954	7,507,279	2,236,967	9,703	74,292	9,828,240
Jan-17		26,792,948	78,414	129,212,426	7,130,087	897,456	3,207	34,750	8,065,500
Feb-17		23,973,624	29,579	114,037,833	6,290,034	1,074,466	5,880	75,205	7,445,585
Mar-17		23,999,721	78,198	120,521,587	7,043,996	1,922,115	90,138	30,528	9,086,777
Apr-17		25,482,558	3,354,903	139,255,694	7,348,755	2,013,288	92,694	42,343	9,497,081
May-1/		31,743,450	36,087,211	2/0,338,443	10,406,548	2,079,907	465,384	101,633	13,053,471
/T-lin	261,513,521	39,055,088	107 317,986	3/8,886,595	13,193,952	2,852,944	1,005,830	197,914	027 050 55
VI-INI VIII-IV		40,292,420	120 651 304	975,1861,376	10 700 253	3,143,310	1 226 500	106,022	22,079,770
Cen-17		53 324 805	126.031,384	294,4497,201	15 680 938	4.068.683	959 173	149 352	20,143,300
0ct-17		45.318.027	98.998.070	409.242.849	11.753,226	3.038.551	1.049.912	237.860	16.079.548
Nov-17		27,630,192	19,120,784	167,240,977	7,072,667	1,798,784	45,542	40,206	8,957,198
Dec-17	7 100,851,284	26,996,937	403,626	128,251,847	7,507,279	2,236,967	9,703	74,292	9,828,240
Jan-18	Į.	27,328,806	79,983	131,796,674	7,130,087	897,456	3,207	34,750	8,065,500
Feb-18		24,453,097	30,170	116,318,590	6,290,034	1,074,466	2,880	75,205	7,445,585
Mar-18		24,479,715	79,762	122,932,019	7,043,996	1,922,115	90,138	30,528	9,086,777
Apr-18		25,992,209	3,422,001	142,040,807	7,348,755	2,013,288	92,694	42,343	9,497,081
May-18		32,378,319	36,808,955	2/5,/45,212	10,406,548	2,079,907	465,384	101,633	13,053,471
Jun-18		39,836,190	79,884,346	386,464,327	13,193,952	2,852,944	1,005,830	197,914	17,250,639
JUI-18	3 3/3,1/5,944	49,258,275	142 444 412	532,304,928	18 789 352	3,145,515	1,429,382	186 973	22,079,770
Sen-18		54.391.301	128.597.905	559.239.495	15.680.938	4.068.683	959,123	149.352	20.858.097
Oct-18		46.224.387	100.978.031	417,427,705	11.753.226	3.038.551	1.049.912	237.860	16.079.548
Nov-18		28,182,796	19,503,200	170,585,797	7,072,667	1,798,784	45,542	40,206	8,957,198
Dec-18	102,868,310	27,536,876	411,698	130,816,884	7,507,279	2,236,967	9,703	74,292	9,828,240
Jan-19		27,875,383	81,582	134,432,608	7,130,087	897,456	3,207	34,750	8,065,500
Feb-19		24,942,159	30,774	118,644,962	6,290,034	1,074,466	5,880	75,205	7,445,585
10		000000	-						

Date	Inside Residential	Inside Multi-Family	Inside Irrigation	Inside Residential Total SF+ MF	Outside Residential	Outside Multi-Family	Outside Irrigation	Outside Res - Special Base	Outside Residential Total SF+ MF
Apr-19	114,879,129	26,512,054	3,490,441	144,881,624	7,348,755	2,013,288	95,694	42,343	9,497,081
May-19	210,689,096	33,025,886	37,545,134	281,260,117	10,406,548	2,079,907	465,384	101,633	13,053,471
Jun-19	272,078,667	40,632,914	81,482,033	394,193,613	13,193,952	2,852,944	1,005,830	197,914	17,250,639
Jul-19	380,639,463	50,243,440	112,068,124	542,951,026	17,299,251	3,145,516	1,429,382	202,620	22,079,770
Aug-19	416,011,674	57,209,914	145,293,300	618,514,888	18,789,352	3,842,450	1,326,590	186,973	24,145,366
Sep-19	383,775,295	55,479,127	131,169,863	570,424,285	15,680,938	4,068,683	959,123	149,352	20,858,097
Oct-19	275,629,792	47,148,875	102,997,592	425,776,260	11,753,226	3,038,551	1,049,912	237,860	16,079,548
Nov-19	125,357,798	28,746,451	19,893,264	173,997,513	7,072,667	1,798,784	45,542	40,206	8,957,198
Dec-19	104,925,676	28,087,614	419,932	133,433,222	7,507,279	2,236,967	6)703	74,292	9,828,240
Jan-20	108,605,156	28,432,890	83,214	137,121,260	7,130,087	897,456	3,207	34,750	8,065,500
Feb-20	95,545,470	25,441,002	31,389	121,017,861	6,290,034	1,074,466	2,880	75,205	7,445,585
Mar-20	102,346,793	25,468,696	82,984	127,898,473	7,043,996	1,922,115	90,138	30,528	9,086,777
Apr-20	117,176,711	27,042,295	3,560,250	147,779,256	7,348,755	2,013,288	92,694	42,343	9,497,081
May-20	214,902,878	33,686,403	38,296,037	286,885,319	10,406,548	2,079,907	465,384	101,633	13,053,471
Jun-20	277,520,241	41,445,572	83,111,673	402,077,486	13,193,952	2,852,944	1,005,830	197,914	17,250,639
Jul-20	388,252,252	51,248,309	114,309,486	553,810,047	17,299,251	3,145,516	1,429,382	202,620	22,079,770
Aug-20	424,331,908	58,354,112	148,199,166	630,885,186	18,789,352	3,842,450	1,326,590	186,973	24,145,366
Sep-20	391,450,801	56,588,710	133,793,261	581,832,771	15,680,938	4,068,683	959,123	149,352	20,858,097
Oct-20	281,142,388	48,091,853	105,057,544	434,291,785	11,753,226	3,038,551	1,049,912	237,860	16,079,548
Nov-20	127,864,954	29,321,380	20,291,129	177,477,463	7,072,667	1,798,784	45,542	40,206	8,957,198
Dec-20	107,024,190	28,649,366	428,331	136,101,886	7,507,279	2,236,967	9,703	74,292	9,828,240

Date Total Residential		Outside Commercial Outside Com - Special Base	Outside Com Tot	Total Commercial Inside - City			City Uses
Jan-05	23,395,700	1,428,340	1,428,340	24,824,040	000'098		860,000
Feb-05	20,140,400	1,267,960	1,267,960	21,408,360	970,000		970,000
Mar-05	20,826,600	1,208,110	1,208,110	22,034,710	729,000		729,000
Apr-05	22,561,800	1,247,040	1,247,040	23,808,840	000'096		960,000
May-05	28,669,600	1,367,240	1,367,240	30,036,840	1,993,800		1,993,800
Jun-05	45,763,111	2,041,240	2,041,240		6,301,000		6,301,000
Jul-05	62,686,089	2,544,070	2,544,070		11,993,000		11,993,000
Aug-05	71,919,800	2,607,370	2,607,370	74,527,170	13,023,000		13,023,000
Sep-05	63,051,800	2,722,200	2,722,200	65,774,000	000'609'6		000'609'6
Oct-05	54,501,022	2,053,160	2,053,160	56,554,182	5,632,000		5,632,000
Nov-05	26,617,000	1 520 130	995,579	07,575,579	000,689		969,000
Dec-03	20,049(1)	021,386,1	1,336,120	021,030,12	000,057		300,000
Jan-06	22,410,600	- 1,287,070	1,287,070	23,697,670	/39,000		/39,000
N32 06	22.054,400	1107 520	1,104,530	22,318,730	000,000		000,500
Apr-06	24 235 000	1307 580	1 307 580	25,25,45,930	1 042 000	. .	1 042 000
May-06	41 726 310	1 797 860	1,797,860	43.524.170	4 705 000		4.705.000
90-Unr	62.753.890	2.553.730	2,553,730	65.307,620	11,930,000		11,930,000
90-Inf	77.074.800	2,720,570	2,720,570	79.795.370	15.421.000		15,421,000
Aug-06	69,554,800	3,326,800	3,326,800	72,881,600	14,329,000		14,329,000
Sep-06	006'929'99	2,673,210	2,673,210	69,349,110	12,624,000		12,624,000
Oct-06	54,335,000	1,967,490	1,967,490	56,302,490	5,054,000		5,054,000
90-voN	29,062,700	1,313,140	1,313,140	30,375,840	913,000		913,000
Dec-06	26,172,152	- 689,063	986)063	27,161,215	694,029	•	694,029
Jan-07	23,625,302	1,128,697	1,128,697	24,753,999	702,971		702,971
Feb-07	23,183,881	1,451,000	1,451,000	24,634,881	936,000		936,000
Mar-07	23,530,900	1,724,000	1,724,000	25,254,900	814,000		814,000
Apr-0/	26,258,200	1,129,000	1,129,000	002,786,72	1,233,000		1,233,000 2,136,000
/O Initial	54.923.600	2.012.670	2.012.670	56.936.270	10.475.000		10.475.000
Jul-07	79,127,000	2,934,720	2,934,720	82,061,720	15,282,000		15,282,000
Aug-07	71,769,200	2,536,280	2,536,280	74,305,480	14,333,000		14,333,000
Sep-07	69,579,511	2,215,620	2,215,620	71,795,131	11,958,000		11,958,000
Oct-07	53,442,909	2,082,380	2,082,380	55,525,289	8,122,000		8,122,000
Nov-07	31,443,400	1,408,000	1,408,000	32,851,400	1,489,000		1,489,000
Dec-07	26,277,800	1,097,000	1,097,000	27,374,800	781,000		781,000
Jan-08	28,092,400	1,168,610	1,168,610	29,261,010	673,000		673,000
FED-08	28,521,000	1,002,390	1,002,390	29,523,390	000 020		000 020
Widi-US	29,168,800	994,000	1 034 860	30,162,800	4 244 000		0,000
SO IGN	44 420 500	1 443 140	1 443 140	45 863 640	4 640 000	. .	4 640 000
Jun-08	000'628'99	1,849,000	1,849,000	67,228,000	9,119,000		9,119,000
101-08	70,981,400	2,214,000	2,214,000	73,195,400	13,867,000		13,867,000
Aug-08	91,172,600	2,521,000	2,521,000	93,693,600	17,030,000		17,030,000
Sep-08	72,669,000	2,367,000	2,367,000	75,036,000	10,177,000		10,177,000
Oct-08	61,045,000	1,502,000	1,502,000	62,547,000	7,867,000		7,867,000
Nov-08	38,410,475	1,137,000	1,137,000	39,547,475	2,063,000		2,063,000
Dec-08	30,395,643	1,033,000	1,033,000	31,428,643	976,000		976,000
Jan-09	29,544,816	1,016,000	1,016,000		940,000		940,000
FED-09	25,419,725	846,000	346,000	52/502/02	973,000		973,000
Wiar-09	26,154,072	1,008,000	1,008,000		082,000		1 079 110
May-09	34.835.965	1.222.000	1,222,000		2.852.000		2,852,000
60-unf	55,948,018	1,561,000	1,561,000		5,757,000		5,757,000
60-Inf	57,512,324	1,669,000	1,669,000	59,181,324	12,163,000		12,163,000
Aug-09	73,564,946	1,676,000	1,676,000	75,240,946	13,419,000		13,419,000
Son OO	68 559 627	1.597.000	1 597 000	70 156 627	40 464 000		10.164.00

Date	Total Residential Inside Commercial	Outside Commercial	Outside Com - Special Base Outside Com Total	e Com Total	Total Commercial	Inside - City	Outside - City	City Uses
Oct-09	53,388,518	1.206.000	38.000	1,244,000	1,632,518	6.295,000		6,295,000
Nov-09	31,353,956	893,000		893,000	32,246,956	1,279,000		1,279,000
Dec-09	27,189,282	1,050,000		1,050,000	28,239,282	524,000		524,000
Jan-10	28,833,065	977,000	•	000'226	29,810,065	837,000		837,000
Feb-10	25,974,413	952,000	•	952,000	26,926,413	513,000		513,000
Mar-10	26,591,375	972,000		972,000	27,563,375	820,000		820,000
Apr-10	28,133,184	1,100,000	8,000	1,108,000	29,241,184	765,000		765,000
May-10	32,743,064	1,268,000	46,000	1,314,000	34,057,064	4,986,000		4,986,000
Jun-10	45,771,921	1,741,000	000'56	1,836,000	47,607,921	7,579,000		7,579,000
Jul-10	64,731,690	1,692,000	84,000	1,776,000	069'205'99	12,388,000		12,388,000
Aug-10	75,019,013	1,598,000	000'66	1,697,000	76,716,013	12,450,143		12,450,143
Sep-10	73,554,892	1,996,000	000'96	2,092,000	75,646,892	15,011,000		15,011,000
Oct-10	69,488,929	1,563,260	70,000	1,633,260	71,122,189	10,946,024		10,946,024
Nov-10	38,957,819	1,098,000		1,098,000	40,055,819	1,334,000		1,334,000
Dec-10	28,654,267	974,000		974,000	29,628,267	527,000		527,000
Jan-11	28,616,074	922,000		922,000	29,538,074	676,405		676,405
Feb-11	26,258,447	943,000		943,000	27,201,447	684,202		684,202
Mar-11	26,337,929	2,591,000		2,591,000	28,978,979	706,000		790,000
Apr-11	27,296,680	905,106	000'6	914,106	28,210,785	789,268		1,652,268
INIAY-II	37,715,753	1,185,000	000,12	1,206,000	38,921,733	1,663,300		1,003,300
JUN-TT	53,502,633	1,356,000	62,000	1,418,000	54,920,633	7,482,579		13 535 000
Aug-11	82,418,628	1,823.000	88.000	1.911.000	84.329.628	16.657,000	,	16,657,000
Sep-11	83,086,986	1,769,642	93,000	1,862,642	84,949,608	16,346,000		16,346,000
Oct-11	71,814,787	1,350,000	72,000	1,422,000	73,236,787	10,505,000	1,000	10,506,000
Nov-11	38,270,720	870,000		870,000	39,140,720	1,610,000		1,610,000
Dec-11	30,078,664	809,000	,	809,000	30,887,664	000'099	•	000,099
Jan-12	29,549,811	1,133,415		1,133,415	30,683,226	950,644		950,644
Feb-12	28,074,472	1,007,206		1,007,206	29,081,679	955,892		955,892
Mar-12	28,649,152	2,204,368	1 6	2,204,368	30,853,520	809,729		809,729
Apr-12	25,153,153	1,098,688	9,229	1,107,917	30,771,071	1,182,347		1,182,347
IVIAy-12	42,//1,323	1 853 891	30,031	1 940 942	65 552 217	2,034,631		9,094,031
Jul-12	27.2,11,27.2 1.0,41.054	2,000,000	150,75 98 356	2,040,042	73,25,27,27	13 877 391		13 877 39
Aug-12	89.152.527	2.339.909	101.524	2,441,433	91.593.960	17.185.310		17.185.310
Sep-12	81,095,821	2,278,619	102,434	2,381,054	83,476,874	16,150,915		16,150,915
Oct-12	72,785,016	1,575,001	79,276	1,654,277	74,439,293	11,110,465		11,110,465
Nov-12	40,598,776	1,143,825	1	1,143,825	41,742,601	1,585,037		1,585,037
Dec-12	30,732,944	1,082,893	1	1,082,893	31,815,838	648,001		648,001
Jan-13	30,347,656	1,164,017	1	1,164,017	31,511,673	950,644		950,644
Feb-13	28,832,483	1,034,401	1	1,034,401	29,866,884	955,892		955,892
Mar-13	29,422,680	2,263,886		2,263,886	31,686,565	809,729		809,729
Apr-13	30,464,059	1,128,352	9,479	1,137,831	31,601,890	1,182,347		1,182,347
IVIAy-13	43,926,131	1 903 946	39,900	1,479,667	45,406,037	3,034,631		3,094,631
Jul-13	73.164.562	2.153.174	101.011	2.254.185	75.418.747	13.827.391		13.827.391
Aug-13	91,559,645	2,403,087	104,265	2,507,352	94,066,997	17,185,310		17,185,310
Sep-13	83,285,408	2,340,142	105,200	2,445,342	85,730,750	16,150,915		16,150,915
0ct-13	74,750,211	1,617,526	81,417	1,698,943	76,449,154	11,110,465		11,110,465
Nov-13	41,694,943	1,174,708	1	1,174,708	42,869,651	1,585,037		1,585,037
Dec-13	31,562,734	1,112,132		1,112,132	32,674,865	648,001		648,001
Jan-14	30,924,261	1,186,133		1,186,133	32,110,394	950,644		950,644
Mar-14	29,380,300	2 306 900	1	2 306 900	32 288 610	809 229		80,626
Apr-14	31,042,876	1,149,791	659'6	1,159,450	32,202,326	1,182,347		1,182,347
May-14	44,760,747	1,467,347	40,658	1,508,004	46,268,752	5,094,831		5,094,831
77	200 002 22	1.940.121	91.100	2.031.221	68 601 247	8 858 535		20200

100,246 2,254,302 5,683,703 1,132,313 100,246 2,624,326 5,524,324 1,132,312 10,129 2,624,322 1,523,224 1,110,465 1,123,322 7,790,688 1,110,465 1,123,322 1,123,422 1,123,422 1,123,322 1,123,422 1,123,422 1,123,322 1,123,422 1,123,422 1,123,422 1,123,422 1,123,422 1,123,422 1,123,422 1,123,422 1,123,423 1,124,421 1,124,421 1,123,423 1,124,421 1,124,421 1,124,421 1,124,422 1,124,421 1,124,421 1,124,421 1,124,421 1,124,421 1,124,421 1,124,421 1,124,421 1,124,421 1,124,421 1,124,421 1,124,421 1,124,421 1,124,421 1,124,421 1,124,421 1,124,421 1,124,421 1,124,421 1,124,421 1,124,421 1,124,421 1,124,421 1,124,421	Date Total Residential	Inside Commercial		Outside Com - Special Base Out	Outside Com Total	Total Commercial In	Inside - City Outside - City	City Uses
10,000,000 1,0	Jul-14	74,554,689	2,194,084	102,930	2,297,015	76,851,703	13,827,391	13,827,391
1,12,10,100 1,14,10,100	Aug-14	93,299,278	2,448,745	106,246	2,554,992	95,854,270	17,185,310	17,185,310
M. M. Colores 1, 14,84,259 1, 14,84,259 1, 14,94,124	Sep-14	84,867,830	2,384,605	107,199	2,491,804	87,359,634	16,150,915	16,150,915
11,12,10,10 1,117,10,10 1,117,10	Oct-14	76,170,465	1,648,259	82,964	1,731,222	77,901,688	11,110,465	11,110,465
11,12,126 11,13,136 1,13,136	Nov-14	42,487,147	1,197,027	-	1,197,027	43,684,174	1,585,037	1,585,037
21,562,560 1,200,566 1,200,566 2,500,500 9,500,544 21,562,560 1,200,566 1,200,566 2,500,500 9,500,544 9,500,544 21,562,560 1,200,560 1,200,560 1,200,560 1,200,560 1,200,560 1,200,560 21,562,560 1,200,560 1,200,560 1,200,560 1,200,560 1,200,560 1,200,560 1,200,560 21,562,560 1,200,560 1,200,560 1,200,560 1,200,560 1,200,560 1,200,560 1,200,560 8,566,560 1,200,560 1,200,560 1,200,560 1,200,560 1,200,560 1,200,560 1,200,560 8,566,560 1,200,560	Dec-14	32,162,426	1,133,262		1,133,262	33,295,688	648,001	648,001
20.500.1, No. 1, 1075.16 1, 1075.16	Jan-15	31,542,746	1,209,856	,	1,209,856	32,752,602	950,644	950,644
0.002013-16 1,12,520-0 0.57 1,255,000 0.52,000 0.52,000 0.002013-16 1,12,520-0 0.52,000 0.52,000 0.52,000 0.52,000 0.002012-16 0.52,000 0.52,000 0.52,000 0.52,000 0.52,000 0.002012-16 0.52,000 0.52,000 0.52,000 0.52,000 0.52,000 0.002012-16 0.52,000 0.52,000 0.52,000 0.52,000 0.52,000 0.002012-16 0.52,000 0.52,000 0.52,000 0.52,000 0.52,000 0.002012-16 0.52,000 0.52,000 0.52,000 0.52,000 0.52,000 0.002012-16 0.52,000 0.52,000 0.52,000 0.52,000 0.52,000 0.002012-16 0.52,000 0.52,000 0.52,000 0.52,000 0.52,000 0.52,000 0.002012-16 0.52,000 0.52,000 0.52,000 0.52,000 0.52,000 0.52,000 0.002012-16 0.52,000 0.52,000 0.52,000 0.52,000 0.52,000 0.52,000 <tr< td=""><td>Feb-15</td><td>29,967,906</td><td>1,075,136</td><td></td><td>1,075,136</td><td>31,043,042</td><td>955,892</td><td>955,892</td></tr<>	Feb-15	29,967,906	1,075,136		1,075,136	31,043,042	955,892	955,892
4,5,5,5,5,5,5 1,12,2,59 1,12,2,59 3,12,2,59 1,12,2,59	Mar-15	30,581,345	2,353,038		2,353,038	32,934,382	809,729	809,729
4,6,6,6,4,2,2 1,4,6,6,6,4 4,4,4,1 1,5,2,8,6,6 4,1,4,2,1 5,1,2,8,6,6 4,1,2,2,1 5,0,4,3,1 5,0,4,3,1 5,0,4,3,1 5,0,4,3,1 5,0,4,3,1 5,0,4,3,1 5,0,4,3,1 5,0,4,3,1 5,0,4,3,1 5,0,4,3,1 1,1,1,1,1,0,4,6 1,1,1,1,1,0,4,6 1,1,1,1,1,0,4,6 1,1,1,1,1,0,4,6 1,1,1,1,1,0,4,6 1,1,1,1,1,0,4,6 1,1,1,1,1,0,4,6 1,1,1,1,1,0,4,6 1,1,1,1,1,0,4,6 1,1,1,1,1,0,4,6 1,1,1,1,1,0,4,6 1,1,1,1,1,0,4,6 1,1,1,1,1,1,0,4,6 1,1,1,1,1,1,0,4,6 1,1,1,1,1,0,4,6 1,1,1,1,1,1,0,4,6 1,1,1,1,1,1,0,4,6 1,1,1,1,1,1,0,4,6 1,1,1,1,1,1,0,4,6 1,1,1,1,1,1,0,4,6 1,1,1,1,1,1,0,4,6 1,1,1,1,1,1,0,4,6 1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,	Apr-15	31,663,733	1,172,787	9,852	1,182,639	32,846,372	1,182,347	1,182,347
67,90,406 19,79,202 19,20,202 12,00,105 19,20,203 13,20,203 <t< td=""><td>May-15</td><td>45,655,962</td><td>1,496,694</td><td>41,471</td><td>1,538,165</td><td>47,194,127</td><td>5,094,831</td><td>5,094,831</td></t<>	May-15	45,655,962	1,496,694	41,471	1,538,165	47,194,127	5,094,831	5,094,831
NAME AND ADDRESS OF TABLES OF TAB	Jun-15	67,901,426	1,978,923	92,922	2,071,846	69,973,272	8,858,535	8,858,5
85,165,264 2,423,270 1108,371 2,546,603 97,7188,310 17,188,310 86,561,187 1,243,272 1,09,437 1,056,847 1,110,465 1,110,465 1,110,465 17,053,874 1,243,248 4,643 1,126,847 4,453,248 1,110,466 1,110,466 1,110,466 13,186,870 1,1270,888 <th< td=""><td>Jul-15</td><td>76,045,783</td><td>2,237,966</td><td>104,989</td><td>2,342,955</td><td>78,388,737</td><td>13,827,391</td><td>13,827,391</td></th<>	Jul-15	76,045,783	2,237,966	104,989	2,342,955	78,388,737	13,827,391	13,827,391
66,566,187 2, 22,224 10,9343 2, 541,560 36,105,01 11,110,465 11,110,465 11,110,465 11,110,468 </td <td>Aug-15</td> <td>95,165,264</td> <td>2,497,720</td> <td>108,371</td> <td>2,606,092</td> <td>97,771,356</td> <td>17,185,310</td> <td>17,185,310</td>	Aug-15	95,165,264	2,497,720	108,371	2,606,092	97,771,356	17,185,310	17,185,310
43,248,64 1,601,224 6,623 1,120,686 1,110,646 1,110,646 43,248,654 1,123,680 1,250,982 44,557,883 1,150,592 1,150,592 32,236,674 1,125,582 1,135,582 3,140,103 5,680,001 5,680,001 32,236,672 1,125,582 2,007,124 1,155,582 3,140,104 5,580,002 31,223,626 1,125,582 2,400,481 3,140,002 3,140,002 5,684,333 4,66,617,74 1,125,582 1,100,002 1,100,002 1,100,002 5,140,002 4,66,617,74 2,243,617 1,100,002 1,100,002 1,100,002 1,100,002 4,66,617,74 2,243,002 1,100,002 1,100,002 1,100,002 1,100,002 4,66,617,74 2,243,002 1,100,002 1,100,002 1,100,002 1,100,002 4,66,617,74 2,243,002 1,100,002 1,100,002 1,100,002 1,100,002 4,66,617,74 2,243,002 1,100,002 1,100,002 1,100,002 1,100,002 4,66,617,74	Sep-15	86,565,187	2,432,297	109,343	2,541,640	89,106,827	16,150,915	16,150,915
32,25,820 1,22,066 1,220,066 1,255,093 1,555,073 32,25,544 1,225,423 1,555,073 3,346,601 66,000 30,270,144 1,225,423 1,555,423 1,555,423 1,555,423 1,555,423 31,225,133 1,525,423 1,527,44 1,225,423 1,507,44 1,525,423 1,507,44 1,502,444 1,502,423 31,225,434 1,525,432 1,507,44 3,525,604 1,825,233 1,502,433 1,507,44 3,555,604 1,825,233 4,527,44 2,524,42 1,507,464 3,555,604 1,825,233 1,502,433 1,507,464 3,555,604 1,825,233 4,527,44 2,524,42 1,507,464 3,555,604 1,182,393 1,111,105,91 3,507,443 3,555,004 <th< td=""><td>Oct-15</td><td>77,693,874</td><td>1,681,224</td><td>84,623</td><td>1,765,847</td><td>79,459,721</td><td>11,110,465</td><td>11,110,465</td></th<>	Oct-15	77,693,874	1,681,224	84,623	1,765,847	79,459,721	11,110,465	11,110,465
32,256,574 1,135,5287 1,135,5287 33,46,000 60,001 32,256,572 1,125,6287 1,135,6287 33,46,000 950,644 950,644 31,223,522 2,402,451 1,007,74 1,135,628 33,46,000 950,644 950,644 31,223,528 2,402,451 1,007 3,105,724 1,107,446 8,135,544 950,644 46,647,734 1,200,481 1,500,481 1,500,481 1,500,481 950,548 46,647,734 1,200,481 1,500,481 1,500,481 1,500,481 950,548 77,647,744 2,400,481 1,500,481 1,500,481 1,500,481 950,483 77,647,744 2,400,781 1,500,481 1,500,481 1,500,481 1,100,481 8,12,224,685 1,400,481 1,500,481 1,500,481 1,500,481 1,110,481 8,12,224,685 1,400,481 1,500,481 1,500,481 1,500,481 1,110,481 8,12,224,685 1,120,582 1,400,211 1,400,491 1,400,491 1,400,491 8,12,224	Nov-15	43,336,890	1,220,968		1,220,968	44,557,858	1,585,037	1,585,0
30,207,243 1,125,243 1,125,243 1,125,243 1,125,243 1,125,244 1,105,774 3,440,407 950,644 30,207,223 1,123,125 1,240,441 1,007,774 3,566,004 800,729 32,208,672 1,125,124 1,027,124 3,566,004 800,729 800,729 32,208,673 1,125,124 1,027,124 3,566,004 800,729 800,729 66,473 1,125,124 1,027,124 3,566,004 800,729 800,729 66,473 1,125,124 1,007,124 2,115,346 8,604,801 1,182,347 7,143,24 1,107,124 2,115,346 8,004,801 1,182,321 1,182,321 8,143,24 1,107,124 2,115,346 8,004,801 1,182,321 1,182,321 8,143,143 1,126,124 1,107,124 2,186,127 1,182,127 1,182,127 8,143,143 1,126,124 1,110,124 2,260,204 8,142,125 1,182,127 8,143,144 1,126,124 1,126,124 1,126,124 1,126,124 1,126,124	Dec-15	32,805,674	1,155,927		1,155,927	33,961,601	648,001	648,001
31,273,532 2,105,774 1,105,774 3,106,436 880,729 32,223,528 2,200,481 1,005 1,007,401 3,556,464 880,729 46,64,788 1,123,432 1,129,446 1,007,441 1,707,466 4,125,471 8,685,535 7,62,748 2,200,481 1,007,493 2,107,466 1,007,401 8,885,535 7,62,748 2,200,481 1,007,493 2,107,446 1,108,201 1,108,201 8,32,30,464 8,003,400 1,107,400 1,107,400 1,107,400 1,107,400 8,32,30,464 8,003,400 1,107,400 1,107,400 1,107,400 1,107,400 1,107,400 8,32,30,464 1,107,400 1,107,400 1,107,400 1,107,400 1,107,400 1,107,400 8,32,30,40,400 1,107,400 1,107,400 1,107,400 1,107,400 1,107,400 1,107,400 1,107,400 1,107,400 1,107,400 1,107,400 1,107,400 1,107,400 1,107,400 1,107,400 1,107,400 1,107,400 1,107,400 1,107,400 1,107	Jan-16	32,205,144	1,235,263		1,235,263	33,440,407	950,644	950,644
3,228,672 1,107,474 2,402,451 3,250,6004 8,093,728 4,6,513,538 1,107,434 1,207,446 3,250,6004 1,509,433 4,6,513,538 2,200,603 1,507,447 1,507,447 3,250,130 6,5,228,672 1,507,447 1,507,447 1,507,447 1,507,447 8,6,328,636 2,500,048 1,507,447 1,500,483 1,502,591 8,6,328,646 1,706,530 8,407,477 1,508,300 99,243,577 1,508,301 8,7,86,5446 1,706,530 8,407,477 1,508,301 1,508,301 1,508,301 8,7,86,5446 1,706,530 8,407,477 1,508,301 1,508,301 1,508,301 8,7,86,5446 1,706,530 8,407,477 1,508,301 1,508,301 1,508,301 8,7,86,5446 1,706,530 8,407,477 1,100,440 1,100,440 3,424,250 9,907,420 8,7,86,5446 1,100,440 1,100,440 1,100,440 1,100,440 1,100,440 1,100,440 1,100,440 1,100,440 1,100,440 1,100,440 1	Feb-16	30,597,232	1,097,714		1,097,714	31,694,946	955,892	955,892
40,246,264 41,254,244 41,254,	Mar-16	31,223,553	2,402,451		2,402,451	33,626,004	809,729	809,729
40,501,748 1,501,040 <	Apr-16	32,328,672	1,197,416	10,059	1,207,474	33,536,146	1,182,347	1,182,3
90,317,359 2,00,481 9,4874 2,115,554 4,142,711 8,565,535 80,317,340 2,234,665 10,047 2,60,220 99,84,554 17,185,310 80,32,344 2,324,66 1,10,600 2,60,220 99,84,554 17,185,310 80,383,066 1,246,684 1,10,600 1,00,200 8,00,357 1,10,600 81,383,066 1,246,684 1,124,260 1,124,260 1,124,263 1,124,263 81,382,974 1,246,694 1,120,766 3,266,40 9,120,00 8,00,30 81,873,974 1,222,661 1,027 2,242,00 3,266,40 9,120,00 81,873,974 1,222,661 1,027 1,222,81 3,266,40 9,120,00 81,873,974 1,222,661 10,27 1,222,81 1,027 1,222,81 81,873,974 1,222,661 10,27 1,224,200 8,124 1,024 80,923,131 1,260,122 1,027 1,224,200 8,023,81 1,026 80,924,173 2,60,175 1,024 1,024,6	May-16	46,614,738	1,528,124	42,342	1,570,466	48,185,204	5,094,831	5,094,8
97,1642,74 2,556,729 10,0124 2,525,123 0,0123 2,525,124 0,0223 17,165,30 0,0223	Jun-16	69,32,1356	2,020,481	94,8/4	2,115,354	/1,442,/11	8,858,535	8,858,5
88.380.06 2.483.37 111.05 2.555.01 90.780.00 10.100.05 79.325.446 1.715.638 8.400 1.802.39 81.13.37 11.10.05 83.246.549 1.246.968 1.246.08 1.246.08 1.11.00.05 1.11.00.05 83.246.549 1.120.076 - 1.120.00 3.442.65 950.80 83.284.429 1.120.076 - 1.120.02 3.442.65 950.80 83.288.442 1.120.20 - 1.120.05 3.442.65 950.80 83.200.574 1.120.76 - 1.120.05 3.442.65 950.80 83.200.574 1.225.61 1.02.0 1.223.70 1.135.34 1.135.34 83.200.574 1.225.61 1.02.0 1.225.00 1.135.34 1.135.34 80.200.575 2.432.24 1.100.45 2.423.30 1.135.34 1.135.40 80.200.576 2.332.40 1.100.45 2.423.30 1.135.33 1.140.45 80.200.576 2.232.20 1.120.45 2.422.30 2.423.	JUI-10	97 163 734	2,264,303	110 647	2,592,137	99 824 554	12,827,391	17.1853
49,235,446 1,716,530 86,400 1,802,337 1,110,465 44,246,544 1,726,008 - 1,266,608 45,464,357 1,180,007 34,446,554 1,126,008 - 1,126,002 34,426,557 1,180,007 31,446,554 1,120,103 - 1,120,002 34,426,557 646,001 31,873,247 1,120,166 - 1,120,002 34,426,557 95,644 4,128,174 1,120,166 - 1,120,202 34,426,557 95,664 4,128,174 1,120,166 - 1,120,203 34,426,557 95,664 4,128,174 1,120,166 - 1,120,203 34,426,557 1,182,347 4,128,174 1,120,176 - 1,120,203 34,333,159 1,182,347 4,128,18 1,120,103 2,452,303 34,333,159 1,182,347 1,182,347 4,128,18 1,120,103 2,452,303 1,182,347 1,182,347 1,182,347 4,128,18 1,120,103 2,120,403 1,120,403 1,120,403	Sep-16	88.383.056	2,483.375	111.639	2.595,014	90.978.070	16,150,915	16.150.9
442.66 54 1,1246.608 - 1,246.604 - 1,246.604 - 1,246.604 -	Oct-16	79,325,446	1,716,530	86,400	1,802,930	81,128,375	11,110,465	11,110,4
33,494,583 11,610,202 - 11,80,202 648,001 668,001 31,293,74 1,261,203 - 1,261,203 - 1,261,203 94,412,655 950,644 31,293,74 1,207,66 - 1,120,136 34,321,50 958,82 95,82 31,879,247 1,222,561 1,0270 1,262,303 1,182,31 95,973 1182,324 70,793,647 1,560,211 1,0270 1,232,40 95,886 1,182,324 1,893,73 70,733,242 2,560,311 1,0270 1,234,40 49,136,00 1,882,535 70,733,242 2,533,74 1,044,11 1,684 2,442,307 1,138,237 1,138,237 70,733,242 2,533,74 1,044,11 1,144,1	Nov-16	44,246,964	1,246,608		1,246,608	45,493,573	1,585,037	1,585,037
31,239,742 1,120,166 - 1,201,266 95,644 31,239,74 2,425,03 - 1,201,766 34,142,655 955,630 31,239,74 2,422,03 1,202,761 34,24,655 955,832 47,895,47 2,422,031 0,2 2,422,831 34,324,005 809,723 47,895,47 1,260,131 43,231 1,632,831 5,094,831 5,094,833 70,783,331 2,062,911 96,866 2,159,777 72,943,007 8,885,33 99,204,73,42 2,332,347 1,094,324 2,443,322 101,300,870 8,885,33 80,239,100 2,335,546 1,13,893 2,644,332 101,300,870 17,185,310 80,239,100 2,335,546 1,13,881 2,444,332 1,143,481 3,440,796 1,143,481 3,440,796 1,143,481 3,440,796 3,440,796 3,440,796 3,440,796 3,440,796 3,440,796 3,440,796 3,440,796 3,440,796 3,440,796 3,440,796 3,440,796 3,440,796 3,440,796 3,440,796 3,440,796 3,440,796	Dec-16	33,494,593	1,180,202	-	1,180,202	34,674,795	648,001	648,001
31,239,74 1,120,766 - 1,120,766 3,236,540 955,892 31,879,247 2,452,903 - 1,202,831 3,236,540 895,892 40,233,647 1,222,561 1,222,831 3,240,405 1,182,347 40,233,647 1,262,314 1,0270 1,222,831 3,440,405 1,182,347 70,783,241 2,025,312 10,946 2,442,327 81,15,634 1,182,347 90,280,103 2,037,26 113,971 2,742,332 81,15,634 113,873,31 80,291,280 2,03,100 2,335,526 113,897 3,426,201 11,10,465 80,291,280 1,752,787 8,214 1,27,787 4,425,90 15,10,41 80,290,1280 1,752,787 4,643,50 1,56,43 1,10,458 1,10,458 80,29,1280 1,752,787 4,40,50 1,58,50 1,58,50 1,58,50 81,61,79 3,13,64,50 1,20,488 - 1,20,488 - 1,20,488 - 1,20,488 81,61,79 3,13,64,50 1,20,488 - 1,20,488 - 1,20,488	Jan-17	32,881,452	1,261,203		1,261,203	34,142,655	950,644	950,644
31,079,247 1,242,593 1,433,110 8,697,29 31,075,247 1,222,561 10,270 1,222,831 34,200,033 1,182,347 47,593,477 1,260,215 6,566 2,123,777 1,243,007 1,882,535 70,783,231 2,602,311 9,566 2,123,077 1,138,307 8,285,335 9,204,173 2,603,726 112,971 2,716,697 10,130,077 17,185,310 8,991,280 1,752,734 11,284,324 11,284,324 11,182,347 11,110,462 8,991,280 1,752,787 8,244,392 11,185,310 11,110,462 11,110,462 8,991,280 1,752,787 8,244,392 11,110,462 95,604 11,110,462 8,991,280 1,752,787 8,244,393 1,585,037 1,585,037 1,585,037 8,991,280 1,224,386 1,244,394 1,248,394 1,585,037 95,648 8,64,750 1,143,181 - 1,143,181 - 1,143,181 - 8,64,55,20 1,144,181 3,201,373 3,201,	Feb-17	31,239,774	1,120,766		1,120,766	32,360,540	955,892	955,892
33,007,574 1,225,61 40,20 1,223,831 34,240,405 1,182,347 47,593,47 1,560,215 40,231 1,60,216 2,034,831 5,094,831 70,783,231 2,062,314 1,96,215 1,0445 2,443,392 8,715,634 1,382,331 99,240,173 2,685,176 112,731 2,743,077 10,243,082 17,185,310 888,534 99,240,178 2,535,526 113,983 2,649,509 92,886,09 17,185,310 17,185,331 45,176,136 1,752,577 88,214 1,840,791 82,832,071 11,110,465 11,110,465 45,176,136 1,726,428 1,286,428 1,286,33 1,510,416 48,007 31,864,772 1,286,428 - 1,286,428 - 1,110,465 950,644 31,864,773 1,286,428 - 1,286,428 - 1,110,465 950,644 31,864,723 1,286,428 - 1,286,428 - 1,110,465 950,644 31,864,723 1,286,428 3,482,509 3,482	Mar-17	31,879,247	2,452,903		2,452,903	34,332,150	809,729	809,725
47,283,647 1,560,18 43,231 1,603,446 49,197,033 5,048,81 5,048,81 5,043,81 5,043,81 5,043,81 5,043,81 5,043,81 5,043,81 5,043,81 5,043,00 8,888,83 5,04,13 5,043,00 1,043,12,20 1,043,12,20 1,043,12,20 1,043,12,20 1,043,12,20 1,043,12,20 1,043,12,20 1,043,12,20 1,043,12,20 1,043,12,20 1,043,12,20 1,043,12,20 1,043,12<	Apr-17	33,007,574	1,222,561	10,270	1,232,831	34,240,405	1,182,347	1,182,34
70,273,243 2,05,911 96,866 2,139,771 7,136,340 8,82,345 8 99,204,173 2,603,726 112,971 2,716,697 101,920,870 17,185,310 17,185,310 80,991,280 1,275,277 88,214 1,240,509 92,886,69 16,150,915 17,185,310 46,176,180 1,272,787 88,214 1,280,599 11,110,465 11,110,465 46,176,180 1,272,787 46,488,938 1,126,996 1,266,037 1,110,465 46,176,180 1,272,787 46,488,938 1,126,049 64,488,938 1,1586,03 34,187,980 1,204,986 - 1,204,986 - 1,204,986 648,001 33,186,570 1,143,181 - 1,204,986 35,018,793 965,892 32,516,832 1,244,189 4,404 1,257,488 34,025,60 1,483,01 46,775,188,895 2,501,961 1,441,189 4,404 1,433,201 1,441,183,13 46,775,188,895 2,104,169 1,165,48 2,771,38 83,592,24	May-17	47,593,647	1,560,215	43,231	1,603,446	49,197,093	5,094,831	5,094,8
19,20,242 2,35,524 10,943 2,746,532 11,3034 1,13,033 10,940,33 90,239,100 2,535,526 113,983 2,649,509 92,886,609 16,150,915 16,150,915 80,91,280 1,723,787 88,214 1,272,787 46,488,98 1,555,37 1,130,465 81,91,280 1,204,986 - 1,272,787 46,488,98 1,136,5015 1,136,5015 81,241,91,980 1,204,986 - 1,272,787 46,488,98 1,136,5017 1,136,5017 81,256,832 1,204,986 - 1,204,986 - 2,501,661 95,604 95,604 81,556,832 1,243,181 - 2,501,861 35,008,729 95,604 95,604 81,56,832 1,243,181 - 2,501,861 35,008,729 95,604 95,604 81,56,832 1,243,181 - 2,501,861 - 1,255,032 95,604 81,56,832 1,243,181 - 1,250,881 1,250,881 95,504 95,604 81,56,720 <td>Jun-17</td> <td>70,783,231</td> <td>2,062,911</td> <td>96,866</td> <td>2,159,77</td> <td>72,943,007</td> <td>8,858,535</td> <td>6,858,8</td>	Jun-17	70,783,231	2,062,911	96,866	2,159,77	72,943,007	8,858,535	6,858,8
90,204,179 2,104,179 2,104,179 1,12,914 2,104,991 1,110,465 1,111,405 <t< td=""><td>Jul-17</td><td>19,213,242</td><td>2,332,947</td><td>112 071</td><td>2,4442,592</td><td>020 000 101 020 000 101</td><td>13,827,391 13,827,730</td><td>13,827,3</td></t<>	Jul-17	19,213,242	2,332,947	112 071	2,4442,592	020 000 101 020 000 101	13,827,391 13,827,730	13,827,3
80,991,200 1,722,572 1,212,787 1,272,787 1,272,787 1,272,787 1,272,787 1,272,787 1,172,787 1,172,786 1,172,786 1,172,787 1,172,786 1,172,786 1,172,787 1,172,787 1,172,787 1,172,786 1,172,786 1,172,786 1,172,786 1,172,786 1,172,786 1,172,786 1,172,786 1,172,786 1,172,786 1,172,786 1,172,786 1,172,786 1,172,786 1,172,787 1,172,797 1,172,797 1,172,797 1,172,797 1,172,797 1,172,797 1,172,797 1,172,797 1,172,797 1,172,797 1,172,797 <	Aug-17	99,204,173	2,003,720	113,971	2,649,509	92 888 609	16 150 915	915.150
45,176,150 1,272,787 - 1,272,787 46,448,938 1,585,037 - 34,197,380 1,249,886 - 1,204,386 - 648,001 - 648,001 - - 1,204,386 - 648,001 -	Oct-17	80.991,280	1,752,577	88,214	1.840.791	82,832,071	11,110,465	11.110.4
34,197,980 1,204,986 - 1,204,986 55,402,966 648,001 C 33,539,081 1,286,428 - 1,286,428 34,825,509 950,644 C 31,846,570 1,143,181 - 1,143,181 33,007,750 955,892 C 31,864,570 1,247,012 - 2,501,961 - 1,257,993 809,737 48,545,725 1,247,012 440,96 1,257,48 34,925,213 1,182,347 C 72,198,895 2,104,169 98,803 2,202,972 74,401,868 8,828,535 C 80,858,706 2,379,606 111,634 2,401,240 83,349,946 13,827,391 C 101,188,256 2,556,801 115,230 2,771,031 103,959,287 11,104,58 11,104,58 80,603,613 1,286,236 116,263 2,771,031 13,959,287 11,110,465 11,110,465 81,011,88,256 2,565,801 11,282,403 1,282,303 11,110,465 11,110,465 11,110,465 11,110,465 11,110,465 <td>Nov-17</td> <td>45,176,150</td> <td>1,272,787</td> <td></td> <td>1,272,787</td> <td>46,448,938</td> <td>1,585,037</td> <td>1,585,037</td>	Nov-17	45,176,150	1,272,787		1,272,787	46,448,938	1,585,037	1,585,037
33,539,081 1,286,428 - 1,286,428 95,644 P 41,843,181 - 1,143,181 33,007,750 955,892 P 31,864,570 1,143,181 - 1,143,181 33,007,750 955,892 P 48,545,720 1,224,010 0.6 1,257,481 35,018,793 1,182,347 P 72,198,895 2,104,169 98,803 2,202,972 74,401,868 8,885,535 P 80,858,706 2,379,606 111,634 2,401,240 83,349,946 13,827,391 P 101,188,25 2,558,21 115,230 2,771,031 103,959,287 17,185,310 P 101,188,25 2,586,236 116,26 2,771,031 103,959,287 17,185,310 P 101,188,26 2,586,236 116,26 2,771,031 103,959,287 11,110,467 P 101,188,27 1,286,248 1,286,349 11,110,465 11,110,467 P 11,289,388 101,188,26 1,286,248 1,286,243 1,286,249	Dec-17	34,197,980	1,204,986	-	1,204,986	35,402,966	648,001	648,001
31,864,570 1,143,181 - 1,143,181 33,007,750 955,892 33,515,6832 2,501,961 - 1,143,181 33,007,750 955,892 33,67,725 1,247,012 0- 1,257,488 34,007,29 1,182,347 48,545,725 1,591,490 44,096 1,557,15 50,48,331 1,182,347 80,883,706 2,104,169 98,803 2,202,972 74,401,868 8,885,335 80,883,706 2,379,606 111,634 2,401,240 83,349,946 13,827,391 101,188,256 2,55,801 115,230 2,771,031 103,959,287 17,185,310 80,893 1,286,236 1,877,602 89,794 13,877,391 11,110,465 46,079,673 1,286,243 1,286,243 1,286,343 11,110,465 11,110,465 46,079,673 1,286,243 4,488,713 11,110,465 11,289,086 36,111,025 648,001 46,079,673 1,289,086 - 1,229,086 36,111,025 648,001 950,644 37,501,861	Jan-18	33,539,081	1,286,428		1,286,428	34,825,509	950,644	950,644
33,516,832 2,51,961 - 2,51,961 35,018,793 809,729 33,667,725 1,247,012 10,475 1,257,488 34,925,213 1,182,347 9 48,545,725 1,591,419 44,066 1,635,515 50,948,331 9 72,198,825 2,104,169 98,803 2,202,975 74,401,868 8,885,335 80,858,706 2,379,606 111,634 2,401,240 83,349,946 13,827,391 101,188,256 2,565,801 115,230 2,771,031 103,959,287 17,185,310 80,043,882 2,565,801 115,230 2,772,501 84,786,321 11,110,465 80,043,882 1,286,236 1,6263 1,286,343 11,110,465 11,110,465 80,043,946 1,287,602 89,979 1,287,507 84,488,713 11,110,465 11,110,465 80,043,946 1,285,343 47,377,916 1,585,037 1,289,086 1,128,045 1,110,465 1,110,465 80,979 1,282,086 35,522,019 35,522,019 950,644	Feb-18	31,864,570	1,143,181		1,143,181	33,007,750	955,892	955,892
33,067,725 1,247,012 1,0475 1,257,488 34,525,131 1,182,347 1 48,545,520 1,594,1419 44,096 1,635,515 5,094,813 1 1,182,347 1 72,108,826,706 2,104,169 98,803 2,202,375 74,011,868 8,885,35 1 1 90,828,706 2,379,606 111,634 2,491,240 83,349,946 13,827,391 1 1 92,043,882 2,565,801 115,230 2,771,031 103,959,287 17,185,310 1 1 40,096 1,158,046 1,158,045 1,128,32 16,150,915 1 1 82,611,106 1,286,246 1,287,607 84,488,713 11,110,465 1 1,585,04 46,096,61 1,289,248 - 1,289,37 - 1,289,04 1,585,01 34,209,863 1,312,156 - 1,312,156 - 1,166,044 33,67,905 955,892	Mar-18	32,516,832	2,501,961		2,501,961	35,018,793	809,729	7,608
40,243,220 1,231,413 44,090 1,035,513 30,145,33 30,94,331 80,885,706 2,104,166 98,887 2,202,972 74,401,86 8,888,535 8,888,535 80,885,706 2,339,606 111,634 2,202,972 74,401,86 8,888,535 8,888,535 92,043,882 2,565,801 115,230 2,771,031 103,959,287 17,185,310 17,185,310 92,043,882 2,586,236 116,263 2,702,500 94,746,382 16,150,915 11,110,465 46,079,673 1,289,243 4,377,916 1,585,037 1,585,037 1,585,037 34,209,863 1,312,156 - 1,129,086 36,111,025 648,001 32,501,861 1,160,044 33,67,905 955,892 1,166,044 955,892	Apr-18	33,667,725	1,247,012	10,475	1,257,488	34,925,213	1,182,347	1,182,3
7,129,595 7,104,109 39,803 7,401,508 6,505,533 9 101,188,256 2,379,606 111,634 2,741,240 88,349,946 13,827,310 9 92,043,82 2,565,801 115,230 2,771,031 103,959,287 17,185,310 9 82,611,106 1,787,628 89,579 1,877,607 84,488,713 11,110,465 9 46,079,673 1,229,824 - 1,229,086 36,111,025 648,001 9 34,881,939 1,312,156 - 1,312,156 - 1,312,156 950,644 32,501,861 1,116,004 - 1,166,044 33,67,905 955,892	May-18	48,545,520	1,591,419	44,096	1,635,515	50,181,035	5,094,831	5,094,8
40,020,700 2,725,040 115,200 2,721,040 1,718,512 1,718,512 92,043,825 2,565,801 116,263 2,771,031 10,346,322 16,150,915 8 82,611,106 1,787,628 89,979 1,877,607 84,488,713 11,110,465 8 46,079,673 1,229,8243 - 1,229,086 36,111,025 648,001 8 34,881,939 1,229,086 - 1,327,036 36,111,025 648,001 8 34,209,863 1,312,156 - 1,312,156 - 1,166,044 33,67,905 955,892	Jun-18	2,138,895	2,104,169	98,803	2,202,972	74,401,868 82 2.49 9.46	8,858,535	8,858,5
92,043,882 2,586,236 116,263 2,702,500 94,746,382 16,150,915 94,746,382 16,150,915 94,746,382 16,150,915 94,746,382 16,150,915 94,746,382 </td <td>Aug-18</td> <td>101.188.256</td> <td>2,57.5,000</td> <td>115,230</td> <td>2.771.031</td> <td>103.959.287</td> <td>17.185.310</td> <td>17.185.3</td>	Aug-18	101.188.256	2,57.5,000	115,230	2.771.031	103.959.287	17.185.310	17.185.3
82,611,106 1,787,628 89,979 1,877,607 84,488,713 11,110,465 2 46,079,673 1,298,243 - 1,298,243 47,377,916 1,585,037 8 34,881,939 1,1229,086 - 1,229,086 36,111,025 648,001 8 34,209,863 1,312,156 - 1,312,156 950,644 8 950,644 32,501,861 1,166,044 33,667,905 955,892 8 8	Sep-18	92,043,882	2,586,236	116,263	2,702,500	94,746,382	16,150,915	16,150,9
46,079,673 1,298,243 - 1,298,243 47,377,916 1,585,037 1 34,881,939 1,1229,086 - 1,229,086 36,111,025 648,001 1 34,209,863 1,312,156 - 1,312,156 35,522,019 950,644 1 32,501,861 1,166,044 - 1,166,044 33,667,905 955,892 1	Oct-18	82,611,106	1,787,628	626'68	1,877,607	84,488,713	11,110,465	11,110,465
34,881,939 1,229,086 - 1,229,086 36,111,025 648,001 - - 34,209,863 1,312,156 - 1,312,156 35,522,019 950,644 - - 32,501,861 1,166,044 - 1,166,044 33,667,905 955,892 -	Nov-18	46,079,673	1,298,243		1,298,243	47,377,916	1,585,037	1,585,037
34,209,863 1,312,156 - 1,312,156 35,522,019 950,644 8 32,501,861 1,166,044 - 1,166,044 33,667,905 955,892 8	Dec-18	34,881,939	1,229,086		1,229,086		648,001	648,001
32,501,861 1,166,044 - 1,166,044 33,667,905 955,892	Jan-19	34,209,863	1,312,156		1,312,156	35,522,019	950,644	950,644
	Feb-19	32,501,861	1,166,044		1,166,044	33,667,905	955,892	955,892

Date	Total Residential	Inside Commercial	Outside Commercial	Outside Com - Special Base Outside Com Total	Outside Com Total	Total Commercial	Inside - City	Outside - City	City Uses	
4	Apr-19	34,341,080	1,271,953	10,685	1,282,638	35,623,717	1,182,347			1,182,347
2	May-19	49,516,430	1,623,248	44,977	1,668,225	51,184,655	5,094,831			5,094,831
,	Jun-19	73,642,873	2,146,252	100,779	2,247,032	75,889,905	8,858,535			8,858,535
	Jul-19	82,475,881	2,427,198	113,867	2,541,065	85,016,945	13,827,391			13,827,391
4	Aug-19	103,212,021	2,708,917	117,535	2,826,451	106,038,473	17,185,310			17,185,310
5,	Sep-19	93,884,760	2,637,961	118,588	2,756,550	96,641,309	16,150,915			16,150,915
)	Oct-19	84,263,328	1,823,381	81,778	1,915,159	86,178,487	11,110,465			11,110,465
~	01-voN	47,001,267	1,324,208		1,324,208	48,325,475	1,585,037			1,585,037
]	Dec-19	35,579,578	1,253,667		1,253,667	36,833,246	648,001			648,001
7	Jan-20	34,894,060	1,338,399	-	1,338,399	36,232,459	950,644			950,644
4	Feb-20	33,151,898	1,189,365		1,189,365	34,341,264	955,892			955,892
V	Mar-20	33,830,512	2,603,040	-	2,603,040	36,433,553	809,729			809,729
1	Apr-20	35,027,901	1,297,392	10,899	1,308,290	36,336,192	1,182,347			1,182,347
2	May-20	50,506,759	1,655,713	45,877	1,701,590	52,208,348	5,094,831			5,094,831
j	Jun-20	75,115,731	2,189,177	102,795	2,291,972	77,407,703	8,858,535			8,858,535
	Jul-20	84,125,398	2,475,742	116,144	2,591,886	86,717,284	13,827,391			13,827,391
7	Aug-20	105,276,262	2,763,095	119,885	2,882,980	108,159,242	17,185,310			17,185,310
5,	Sep-20	95,762,455	2,690,720	120,960	2,811,680	98,574,135	16,150,915			16,150,915
)	Oct-20	85,948,594	1,859,849	93,614	1,953,462	87,902,057	11,110,465			11,110,465
V	Nov-20	47,941,292	1,350,692	-	1,350,692	49,291,984	1,585,037			1,585,037
J	Dec-20	36,291,170	1,278,741		1,278,741	37,569,911	648,001			648,001

Jan-05 Feb-05 Mar-05 Apr-05				Outside - Wholesale	otal Other	I NO.	Kanch	Total Consubmtion	Non-Revenue	
Feb-05 Mar-05 Apr-05	2	3,921,000	1,384,500		5,305,500	9,100	1,377,700	154,374,179	10.7%	172,900,000
Mar-05 Apr-05		3.509.000	1.478,000	,	4.987,000		4.536.200	130.579,460	15.5%	
Apr-05		3,624,000	1,480,000		5,104,000		4,026,700	134,393,549	24.8%	178,800,000
		4.156.000	1.610,100		5.766,100	207.000	7.768.900	167.725.163	21.3%	
May-05		4,649,000	1,743,900		6,392,900	428,000	8,017,000	217,222,419	38.8%	
30-unf		4,767,000	3,547,500		8,314,500	362,000	10,162,300	365,194,165	15.1%	430,300,000
30-lnr	2	4,983,000	4,003,500	•	8,986,500	555,000	11,601,800	541,414,659	17.3%	654,400,000
Aug-05		9,783,000	7,250,407	-	14,033,407	463,000	13,149,200	559,740,977	-1.0%	554,200,000
Sep-05		2,039,000	6,325,000	•	11,364,000	453,000	10,567,200	509,232,948	0.5%	511,700,000
Oct-05		5,458,000	5,655,000	-	11,113,000	434,000	8,990,400	374,363,982	-36.0%	275,200,000
Nov-05		3,876,000	2,865,000	-	6,741,000	303,300	10,628,300	181,588,979	10.9%	203,700,000
Dec-05		3,977,000	1,163,000	-	5,140,000	335,700	3,174,832	157,109,252	28.5%	219,600,000
Jan-06	,	4,044,000	1,281,400	-	5,325,400	332,000	12,375,350	167,899,867	19.5%	208,700,000
Feb-06	9	2,872,000	1,593,600	'	4,465,600	330,000	7,982,600	146,611,883	20.0%	183,200,000
Mar-06	9	3,244,000	1,603,000	-	4,847,000	323,000	060'969'6	147,967,507	27.2%	203,200,000
Apr-06	9	3,558,000	2,162,000	'	5,720,000	384,000	8,455,200	188,222,939	45.4%	344,500,000
May-06	,	4,599,000	3,374,000	-	7,973,000	502,000	9,015,700	372,478,292	32.3%	550,500,000
90-unf	, 9	4,636,000	7,503,000	-	12,139,000	625,000	13,238,400	621,600,109	12.2%	707,900,000
90-Inf		6,684,000	7,842,000	'	14,526,000	579,000	8,827,300	667,698,149	1.2%	675,900,000
Aug-06	9	6,764,900	6,605,000	•	13,369,900	621,000	12,736,595	610,679,170	5.7%	647,300,000
Sep-06	9	5,296,000	6,262,000	'	11,558,000	468,000	10,225,300	524,468,310	-14.2%	459,300,000
Oct-06		5,408,000	4,115,000	'	9,523,000	373,000	12,306,530	374,920,931	-28.7%	291,300,000
Nov-06	9	3,982,000	2,369,000	•	6,351,000	299,000	10,742,100	179,070,854	9.5%	197,200,000
Dec-06	9	4,320,000	1,108,700	•	5,428,700	266,000	7,871,800	173,435,930	10.5%	193,700,000
Jan-07		3,564,500			3,564,500	230,000	3,512,600	144,246,818	27.1%	197,900,000
Feb-07		3,123,500			3,123,500	206,000	3,240,100	138,909,117	25.1%	185,500,000
Mar-07		4,048,000			4,048,000	299,000	006'680'9	142,653,030	31.0%	206,600,000
Apr-07		4,737,000			4,737,000	275,000	3,618,000	159,797,989	33.7%	241,000,000
May-07		4,487,000			4,487,000	297,000	3,671,400	232,091,930	47.3%	440,000,000
Jun-07		4,605,000	•		4,605,000	339,000	2,668,484	453,947,585	26.2%	614,700,000
20-Inf		2,507,000			5,507,000	709,000	3,477,700	680,800,109	%6.9	731,600,000
Aug-07		5,951,000	1,838		5,952,838	334,000	2,911,657	610,886,128	-0.3%	
Sep-07		5,433,000			5,433,000	282,000	5,501,700	544,506,078	-8.1%	
Oct-07		4,834,000			4,834,000	277,000	7,319,834	381,124,823	-23.0%	309,900,000
Nov-07	,	4,233,000		•	4,233,000	242,000	000'056'9	195,910,304	1.6%	199,100,000
Dec-07	,	4,285,000			4,285,000	193,000	4,959,300	161,076,389	21.0%	203,900,000
Jan-08	8					227,000	1,890,000	152,700,099	7.9%	211,900,000
Feb-08	80 (0					251,000	3,873,400	142,622,426	26.8%	194,800,000
Mar-08	20 0					308,000	7,891,900	150,130,597	29.5%	212,900,000
Apr-08	0 00					343,000	9,562,200	325 262 640	32 5%	482 200 000
30 Jun-08	0 00				,	450.000	6.113.100	452,723,200	22.7%	585,300,000
80-Inf	8					451,000	5,792,200	586,459,100	20.7%	739,100,000
Aug-08	80					354,000	6,936,800	695,740,200	-16.7%	596,400,000
Sep-08	8		5,078		5,078	406,000	7,112,500	479,148,763	-5.7%	453,300,000
Oct-08	8					329,000	8,689,000	371,050,327	-22.3%	303,300,000
Nov-08	8					334,000	4,418,600	188,047,884	2.8%	199,600,000
Dec-08	8				-	295,000	8,759,300	161,598,286	17.0%	194,800,000
Jan-09	6					277,000	4,552,700	157,741,212	15.6%	187,000,000
Feb-09	6					295,000	2,568,300	136,199,281	20.2%	170,700,000
Mar-09	6		•	•		361,000	5,615,800	149,231,377	30.6%	215,100,000
Apr-09	6					203,000	3,143,100	161,640,204	26.1%	218,700,000
May-09	6					228,000	2,748,300	231,635,783	45.1%	422,000,000
60-unf	0 0					319,000	2,776,578	364,009,082	12.9%	417,700,000
60-Inc	6		179	•	1/9	268,000	3,548,147	439,988,575	22.6%	568,300,00
Aug-09	6					311,000	1,535,051	497,796,796	12.7%	570,500,000

1,000, 1			2000					Т	4	
1,000, 1	Oct-09					233,000	3,891,639	331,086,554	-39.2%	237,900,000
1,000, 1	Nov-09			•	'	239,000	5,155,060	160,125,390	88.6	177,500,000
1,000, 1	Dec-09				'	170,000	1,986,800	148,556,502	21.0%	188,000,000
4 4 4 5 9 4 10,50,041.85 20,35 4 4 4 4 4,00,000.00 4,31,32,12,181 2,35,68 4 4 4 4,32,42,143 13,54,82,131 2,56,68 3,55,68 4 4 4 2 2,70,00 2,70,400 15,54,82,132 3,55,68 4 4 4 6 2,70,00 2,70,400 2,70,400 12,20,80 3,53,32,17 13,24 4 4 4 6 2,70,00 2,70,400 </td <td>Jan-10</td> <td>•</td> <td></td> <td></td> <td></td> <td>188,000</td> <td>2,680,860</td> <td>154,777,132</td> <td>18.1%</td> <td>189,000,000</td>	Jan-10	•				188,000	2,680,860	154,777,132	18.1%	189,000,000
1 200 400 100 25.00 155.107.13 25.50 1 47,000 20,400 27,400 155,107.13 25.50 25.50 1 47,000 20,400 27,400 27,400 27,400 27,400 27,500	Feb-10		6,830	•	6,830	202,000	3,377,500	136,794,158	20.3%	171,700,000
1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	Mar-10				-	289,000	4,325,250	140,560,625	27.5%	193,900,000
1 44,040 73,000 37,000 27,050 27,050 385,587 </td <td>Apr-10</td> <td></td> <td></td> <td></td> <td>-</td> <td>253,000</td> <td>2,314,500</td> <td>155,187,181</td> <td>28.6%</td> <td>217,400,000</td>	Apr-10				-	253,000	2,314,500	155,187,181	28.6%	217,400,000
- 1 - 1 <td>May-10</td> <td></td> <td></td> <td></td> <td>-</td> <td>227,000</td> <td>2,155,900</td> <td>199,382,698</td> <td>39.5%</td> <td>329,700,000</td>	May-10				-	227,000	2,155,900	199,382,698	39.5%	329,700,000
1. 1000 1.00 378,000 485,800 2.54,000,331 12.38 1. 1000 358,000 486,000 286,000 1.20 1.20 1.20 1. 1400 1.00 358,000 328,000 46,280,20 1.50 1.50 1. 1400 1.00 328,000 328,000 1.50 <td< td=""><td>Jun-10</td><td></td><td>47,000</td><td>28,000</td><td>75,000</td><td>422,000</td><td>2,794,500</td><td>345,332,170</td><td>33.5%</td><td>519,600,000</td></td<>	Jun-10		47,000	28,000	75,000	422,000	2,794,500	345,332,170	33.5%	519,600,000
397,000 41,000 435,000 438,000 5187,601,612 512,76 48,000 246,000 322,000 328,000 122,76 0.50,40 14,000 200 322,000 120,000 120,00 120,00 14,000 200 322,000 120,000 120,00 120,00 14,000 100,00 120,00 120,00 120,00 120,00 14,000 100,00 120,00	Jul-10		214,000		214,000	379,000	2,555,465	521,005,337	13.3%	601,200,000
1, 10, 10, 10, 10, 10, 10, 10, 10, 10,	Aug-10		377,000	1,000	378,000	435,000	2,683,100	546,280,290	12.2%	622,500,000
246,000 322,000 332,00 1501,81,176 594,84 1,400 1,000 32,000 382,000 150,347,365 2106 1,000 1,000 2,000 32,000 153,347,365 2106 1,000 1,000 1,000 2,000 32,000 153,347,365 2106 1,000 1,000 2,000 32,000 150,347,365 2106 1,000 1,000 2,000 32,000 150,347,365 2106 1,000 1,000 2,000 32,000 150,347,312 36,587 1,000 1,000 36,000 36,000 36,000 36,000 36,000 1,000 1,000 36,000 36,000 36,000 36,000 36,000 36,000 36,000 1,000 1,000 36,000 36,000 36,000 36,000 36,000 36,000 36,000 36,000 36,000 36,000 36,000 36,000 36,000 36,000 36,000 36,000 36,000	Sep-10		319,000	40,000	359,000	363,000	1,476,600	587,561,564	%6.0	593,100,000
14,000 1,000 22,000 14,000 14,000 14,04,000 14,04,000 1,000	Oct-10		246,000		246,000	322,000	3,338,100	476,460,701	-39.4%	341,900,000
1,000 1,000 2,000 15,200 15,347,980 15,347,980 1,005 1,005 1,000 1,000 2,2000 1,005	Nov-10		14,000		14,000	305,000	3,794,200	199,181,715	-6.0%	187,900,000
1,000 1,000 220,000 3,000 <	Dec-10		1,000	1,000	2,000	322,000	1,173,000	148,142,090	21.0%	187,500,000
1,000 1,000 <th< td=""><td>Jan-11</td><td></td><td>1,000</td><td>(1,000)</td><td></td><td>362,000</td><td>3,704,300</td><td>153,347,985</td><td>19.5%</td><td>190,600,000</td></th<>	Jan-11		1,000	(1,000)		362,000	3,704,300	153,347,985	19.5%	190,600,000
1,000 2.00 1,000 1,	Feb-11		1,000	•	1,000	233,000	3,265,300	136,155,066	21.9%	174,400,000
1,000 7. 1,000 38,500 38,148,700 18,68,8 38,88 1,0000 1,0000 38,600 38,148,00 351,172,799 312,88 1,0000 1,0000 38,000 352,160 355,489,756 312,88 28,000 28,000 35,000 35,000 1,827,89 310,88 28,000 28,000 35,000 35,000 1,827,89 310,88 3000 3000 48,000 34,665,53 31,88 3000 3000 48,000 34,665,53 31,88 3000 38,000 48,470 43,456,53 31,88 3000 38,000 48,200 31,458 31,88 3000 38,000 48,200 31,458 31,48 300 38,000 <	Mar-11				'	273,000	1,705,845	137,466,512	30.2%	196,900,000
1,000 1,00	Apr-11		1,000		1,000	235,000	1,191,700	162,624,313	36.8%	257,500,000
224,00 16.00 325,05 36.00 365,00 367,09	May-11		10,000		10,000	316,000	301,200	251,172,759	31.2%	365,300,000
224,000 15,675 239,975 34,000 516,16,991 181,8 47,000	Jun-11		10,000		10,000	310,000	3,221,500	367,499,726	34.0%	556,800,000
	Jul-11		224,000	15,675	239,675	343,000	3,634,000	516,176,991	18.1%	630,200,000
447,000 447,000 2.86,000 3.26,000 611,177,172 -1955/k 20,000 1.5 2.00,175 186,000 1.847,200 1.94,066,553 -30.48 13,000 1.86,000 1.847,20 1.94,56,78 2.00 k 20,001 1.80 1.847,20 1.94,56,78 2.00 k 20,001 1.80 1.847,20 1.84,505,28 2.00 k 20,001 1.80 1.84,715,31,38 2.17k 2.20 k 20,001 1.80 1.80 2.17k 2.20 k 20,001 1.80 1.80 2.17k 2.20 k 20,001 1.80 1.80 2.17k 2.20 k 20,001 1.80 2.80 2.10 2.20 k 2.20 k 20,001 1.80 2.80 2.80 2.20 k	Aug-11		267,000	29,000	296,000	495,000	2,514,300	586,924,850	18.8%	722,500,000
200,000 125 200,105 38.000 1.284/700 434,606,563 3.04/8 43000 198.00 184.74 153,365,878 2.08 3,000 198.00 184.74 153,365,878 2.08 3,000 198.00 184.74 153,365,878 2.08 8,073 293,314 151,365,873 2.28 2.08 1,000 186,00 148.81,987 154,587,328 2.08 1,000 186,00 148.81,987 154,587,328 2.08 1,000 2.29,314 5,234,987 154,587,328 2.08 1,000 2.29,314 5,234,987 154,587,32 2.08 2,000 2.20,314 5,234,987 154,587,33 3.31% 2,000 2,000 3,343 4,000 3,31% 15,346,893 15,346 15,38 15,38 15,38 15,38 15,38 15,38 15,38 1	Sep-11		447,000		447,000	298,000	3,250,300	610,174,712	-19.5%	510,800,000
13,000 198,000 198,000 198,247,14 13,1365,878 20,006 199,286 10,007,785 11,007	Oct-11		200,000	125	200,125	326,000	2,284,700	434,606,563	-30.4%	333,200,000
3,000 1,86,000 186	Nov-11		13,000		13,000	198,000	1,847,200	193,251,718	2.8%	198,805,395
8, 9. 38, 037 4,884,100 144,015,88 2.29% 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	Dec-11		3,000		3,000	195,000	984,714	153,365,878	20.0%	191,717,971
8.637 14,602,170 144,815,983 22.9% 1,1,207 256,728 5,037,586 171,8191,335 23.1% 1,2,071 256,728 5,037,586 171,8191,335 23.1% 1,2,071 256,728 5,037,586 171,8191,335 23.1% 1,2,071 256,728 5,037,586 171,8191,335 23.1% 1,2,071 256,728 5,04,113 584,205,183 16.3% 1,2,071 256,728 5,240,113 584,205,183 16.3% 1,2,071 256,728 5,240,113 584,205,183 16.3% 1,2,071 32,324 5,726,591 619,202,059 7.74% 1,2,071 32,324 5,726,591 16.53,607,40 20.8% 1,2,071 32,324 5,726,591 16.53,607,40 20.8% 1,2,071 32,324 5,726,591 16.58,607,40 20.8% 1,2,071 32,324 5,726,541 175,756,644 33.1% 1,2,071 256,728 5,727,547 175,756,644 33.1% 1,2,071 32,324 5,927,644 1156,285 5,934,89 12,936,44 12,937,40 12,938,40,38 12,94,40 13,937,40 12,938,40,40 13,937,40 12,937,40 12,938,40,40 13,937,40 12,937,40 12,937,40 12,938,40,40 13,937,40 12,937,40 12,937,40 12,937,40 12,937,40 12,938,40,40 12,937,40 12,937,40 12,937,40 12,937,40 12,937,40 12,937,40 12,938,40,40 12,937,40 12,937,40 12,937,40 12,937,40 12,938,40 12,937,40 12,937,40 12,938,40 12,938,40 12,937,40 12,937,40 12,938,40 12,937,40 12,938,40 12,937,40 12,937,40 12,938,40 12,937,40 12,937,40 12,938,40 12,937,40 12,937,40 12,937,40 12,938,40 12,937,40 12,937,40 12,937,40 12,938,40 12,937,40 12,937,40 12,937,40 12,937,40 12,937,40 12,938,40 12,937,40 12,937,40 12,938,40 12,937,40 12,937,40 12,937,40 12,938,40 12,938,40 12,938,40 12,937,40 12,937,40 12,937,40 12,938,40 12,937,40 12,937,40 12,938,40 12,937,40 12,938,40 12,938,40 12,937,40 12,938,40 12,9	Jan-12					398,037	4,858,120	161,075,785	21.7%	205,635,979
1,070 295,314 19,203,386 114,587,328 328.% 1,071 334,433 4,901,36 114,581,335 331.% 1,071 334,433 4,901,36 110,555,238 391.% 1,071 334,433 4,901,36 11,525,238 391.% 1,071 334,433 4,901,36 310,555,238 391.% 2,4992 38,462 5,332,790 488,0457 5,388 16.3 39,492 38,462 5,340,13 584,057 7.4% 465,225 37,462 5,37,38 2.8% 465,226 37,462 5,31,38 6,364,76 7.4% 14,00 3,207 348,303 4,606,166 165,206,764 20.0% 1,207 37,10 5,406,56 165,206,764 20.0% 1,207 28,31 5,406,56 12,307 17.% 1,207 38,037 5,406,56 15,203 17.% 1,207 28,31 5,75,40 15,037,41 29,34 1,207 28,31 4,40,50 16,60,66 16,50,67 1,208	Feb-12				8,037	239,420	4,602,170	144,815,983	22.9%	187,766,37
1,207 256,728 4901,318 4310,555,38 391% 88,462 445,196 5,332,750 438,024,537 25.8% 88,462 445,196 5,332,750 438,024,537 25.8% 465,255 37 348 619,420,259 7.74% 255,501 326,828 5,240,113 584,205,138 16.38,888 255,501 326,828 5,240,131 584,205,29 7.74% 14,207 32,7160 5,486,94 16.2,06,76 10.0% 14,207 32,7160 5,486,94 16.2,06,76 10.0% 14,207 32,7160 5,486,94 16.2,06,76 10.0% 14,207 32,7160 5,486,94 159,037 17,673,654 33.1% 14,207 25,501 329,420 5,109,867 16,887 31.7% 12,071 334,433 5,495,24 338,935,48 33.1% 12,071 334,43 5,927,64 116,936,7 116,36,64 33.1% 12,071 334,43 5,927,64 116,936,7 116,36,64 15.3% 255,501 38,456 6,103,88 65,70,112 7.7% 255,501 36,828 6,58,88 48,8437,580 22.9% 14,207 38,426 6,103,88 65,70,112 7.7% 256,514 318,047,88 33.1% 256,515 36,440 116,986,995 22.9% 256,516 110,384 655,710,122 7.7% 256,517 14,207 36,832 6,564,600 151,97,890 22.9% 256,514 318,047,88 33.1% 256,514 318,047,88 33.1% 256,514 318,047,88 33.1% 256,514 318,047,88 33.1% 256,514 318,047,88 33.1% 256,514 318,047,88 33.1% 256,514 318,047,88 33.1% 256,514 318,047,88 33.1% 256,514 318,047,88 33.1% 256,514 318,047,88 33.1% 256,514 318,047,88 33.1% 256,514 318,047,88 33.1% 257,517 32,446 30.00,88 31.8% 257,517 32,446 30.00,88 31.8% 258,517 32,446 30.00,88 31.8% 258,517 31,517,80 31.80,447,88 33.1% 258,517 31,517,90 31.80,447,88 33.1% 259,314 31,517,80 31.80,447,88 33.1% 259,314 31,517,80 31.80,447,88 33.1% 259,314 31,517,80 31.80,447,88 31.80,447,88 33.1% 259,314 31,517,80 31.80,447,88 33.1% 259,314 31,517,80 31.80,447,88 33.1% 259,314 31,517,80 31.80,447,88 33.1% 259,314 31,517,80 31.80,447,88 33.1% 259,314 31,517,80 31.80,447,88 33.1% 259,314 31,517,80 31.80,447,88 33.1% 259,314 31,517,80 31.80,447,88 33.1% 259,314 31,517,80 31.80,447,88 33.1% 259,314 31,517,80 31.80,447,88 33.1% 250,314 31,517,80 31.80,447,88 33.1% 250,314 31,517,80 31.80,447,88 33.1% 250,314 31,517,80 31.80,447,88 31.80,447,88 31.80,447,88 31.80,447,88 31.80,447,88 31.80,447,88 31.80,447,88 31.80,447,88 31.80,447,88	Mar-12					292,314	5,234,987	154,587,328	29.8%	220,053,603
1.2,07 34,343 4,901,136 31,55,238 31,58 1.2,07 88,465 5,320,113 584,05,133 25,8% 1.2,07 36,492 386,456 5,320,113 584,05,133 16,3% 1.2,07 38,428 30,426 5,340,135 5,486,102 7,4% 1.2,07 37,160 5,486,954 20,80,808 2,8% 1.2,07 327,160 5,486,954 20,80,808 2,8% 1.2,07 327,160 5,486,954 20,80,808 2,8% 1.2,07 327,160 5,486,954 20,80,808 2,8% 1.2,07 323,420 5,108,867 145,617,931 22,9% 1.2,07 323,420 5,108,467 145,017 22,9% 1.2,07 323,420 5,108,467 145,017 22,9% 1.2,07 324,433 5,406,56 165,613,98 16,34 1.2,07 328,426 5,203,59 165,613,98 16,34 1.2,07 328,426 5,203,59 16,363,49 <	Apr-12				1,207	256,728	5,037,586	171,891,935	33.1%	257,078,92,
88,462 48,5196 5,332,750 438,024,537 15.8% 88,462 24,992 38,401,13 58,401,13 16.3% 94,982 38,402 5,422,591 673,510,708 5.4% 1,207 32,61,88 5,684,76 475,673,613 -7.4% 1,207 32,501 32,684,76 475,673,613 -3.0 9% 1,207 34,207 34,606,166 162,605,76 2.0 9% 1,207 348,303 4,606,166 165,621,985 21.7% 1,207 348,303 5,406,166 165,621,985 21.7% 1,207 329,408 5,406,166 165,621,985 21.7% 1,207 329,409 5,406,166 165,621,985 21.7% 1,207 329,443 5,927,644 159,034,01 22.9% 1,207 329,433 5,645,47 176,736,64 33.1% 1,207 329,433 5,645,47 176,736,64 33.1% 1,207 329,443 5,927,64 159,036,04 31.8 1,207 329,426 5,927,64 159,036,04 31.8 <t< td=""><td>May-12</td><td></td><td></td><td></td><td>12,071</td><td>334,433</td><td>4,901,136</td><td>310,555,238</td><td>39.1%</td><td>510,237,893</td></t<>	May-12				12,071	334,433	4,901,136	310,555,238	39.1%	510,237,893
244,992 386,456 5,240,113 584,205,183 16.3% 465,225 394,983 50,7426 5,725,10,78 5,4% 465,225 255,501 326,828 5,684,767 475,673,613 -7.4% 14,207 327,160 5,486,934 20,848 -7.4% 14,207 327,160 5,486,934 20,848 -7.8% 14,207 327,160 5,486,934 20,848 -7.8% 1,207 38,303 4,661,166 165,205,64 20,0% 1,207 29,314 5,109,867 148,875,931 22,9% 1,207 29,314 5,927,644 159,037,401 29,8% 1,207 29,314 5,927,644 159,037,401 29,8% 1,207 28,433 5,672,547 116,305,603 31,8% 1,207 28,433 5,672,547 116,306,003 25,8% 1,208 2,244,920 29,344 15,903,401 29,34 1,209 28,432 5,944,614 15,914,63 23,48 </td <td>Jun-12</td> <td></td> <td></td> <td></td> <td>88,462</td> <td>445,196</td> <td>5,332,750</td> <td>438,024,537</td> <td>25.8%</td> <td>590,637,023</td>	Jun-12				88,462	445,196	5,332,750	438,024,537	25.8%	590,637,023
394,083 507,426 5,425,591 673,510,708 5,4% 465,225 376,422 5,311,338 619,420,299 7,4% 465,225 376,422 5,311,338 619,420,299 7,4% 14,207 326,761 326,838 5,647,67 3.28,9 2.8% 14,207 327,160 5,486,954 208,408,808 2.8% 1,207 32,342 5,406,166 165,506,74 20.0% 1,207 26,344 19,037,401 29,8% 1,207 256,728 5,672,547 116,037,401 29,8% 1,207 256,728 5,672,547 116,303,401 29,8% 1,207 33,4433 5,662,164 119,037,401 29,34 1,207 34,433 5,662,164 116,037,401 29,34 1,207 34,433 5,662,164 116,303 31,4 1,207 34,433 5,662,164 116,303 31,4 1,207 34,433 5,672,84 116,003 31,4 1,207 <td>Jul-12</td> <td></td> <td></td> <td></td> <td>244,992</td> <td>386,456</td> <td>5,240,113</td> <td>584,205,183</td> <td>16.3%</td> <td>698,152,455</td>	Jul-12				244,992	386,456	5,240,113	584,205,183	16.3%	698,152,455
465,212 376,462 5,371,338 619,420,29 -7.4% 14,207 326,827 475,673,613 -30.9% 14,207 348,303 4,606,166 162,506,764 20.0% 1,207 348,303 4,606,166 165,501,985 21.7% 1,207 348,303 5,406,166 165,501,985 21.7% 1,207 29,314 5,109,867 148,875,931 22.9% 1,207 29,314 5,927,644 150,037,401 29.8% 1,207 334,433 5,927,644 115,032,618 39.1% 8,462 445,196 6,053,982 449,709,091 25.8% 8,462 445,196 6,053,982 449,709,091 25.8% 8,465 5,934,269 599,544,883 16,3% 8,405 14,207 316,048 48,47,580 -30.9% 14,207 32,466 5,934,863 5,95,44,883 16,3% 14,207 326,288 6,170,882 691,144 2.8% 14,207 326,288 6,136,884 488,47,580 -30.9% 14,207 329,44	Aug-12				394,983	507,426	5,422,591	673,510,708	5.4%	711,709,083
1,1,2,01 32,8,824 5,684,96 4,1,1,1,1 3,1,1,1 4,1,1,1 4,1,1,1,1 4,1,1,1,1 4,1,1,1,1 4,1,1,1,1 4,1,1,1,1 4,1,1,1,1 4,1,1,1,1 4,1,1,1 4,1,1,1,1 4,1,1,1,1 4,1,1 4,1,1,1 4,1,1,1 4,1,1,1 4,1,1,1 4,1,1,1 4,1,1,1 4,1,1,1 4,1,1,1 4,1,1,1 4,1,1,1 4,1,1,1 4,1,1,1 4,1,1,1 4,1,1,1 4,1,1,1 4,1,1,1 4,1,1,1 4,	Sep-12				465,225	376,462	5,371,338	619,420,259	-7.4%	576,935,911
14,207 34,246,944 248,488,08 2.38 2.27 2.29,342 2.28,46,656 16,56,1,66 2.28 2.178 2.29,342 2.29,3	Oct-12				255,501	326,828	5,684,767	475,673,613	-30.9%	363,507,962
3,207 346,305 5,400,656 165,621,984 210,78 8,037 239,420 5,109,867 148,875,331 217,8 1,207 256,728 5,406,656 165,621,987 217,8 1,207 256,728 5,672,547 176,736,654 33.1,8 1,207 256,728 5,672,547 176,736,654 33.1,8 1,207 256,728 5,672,547 176,736,654 33.1,8 1,207 256,728 5,672,547 176,736,654 33.1,8 1,207 256,728 5,672,547 176,736,654 33.1,8 1,207 256,728 5,672,547 176,736,654 33.1,8 1,207 256,728 5,672,547 163,00,618 33.1,8 1,207 256,728 5,674,625 5,934,483 5,486 163,710,122 7.4,8 1,207 255,2501 326,828 6,508,488 488,437,580 -30.9% 1,207 325,324 6,508,888 488,437,580 -30.9% 1,207 326,324	Nov-12				14,207	327,160	5,486,954	208,408,808	7.8%	214,398,070
8,037 299,007 1,207 259,007 1,007 256,728 5,672,547 1,6736,654 33.1% 22.9% 1,207 256,728 5,672,547 176,736,654 33.1% 22.9% 1,207 256,728 5,672,547 176,736,654 33.1% 29.8% 1,2071 334,433 5,496,214 318,903,618 39.1% 28,462 445,196 6,033,982 449,709,091 25.8% 244,992 386,456 5,934,269 599,544,853 16.3% 255,501 326,828 488,437,580 -30.9% 255,501 326,828 6,588,888 488,437,580 -30.9% 255,501 326,828 6,588,888 488,437,580 22.9% 255,501 326,828 6,528,253 165,986,595 20.0% 39,003 20.0% 20.0	Dec-12				3,207	208,037	4,606,150 5 440,626	165,500,784	20.0%	203,144,712
29,314 5,977,644 159,037,402 29.8% 1,207 256,728 5,672,547 176,736,654 33.1% 1,207 256,728 5,672,547 176,736,654 33.1% 1,207 256,728 5,672,547 176,736,654 33.1% 1,207 334,433 5,496,214 318,903,618 39.1% 1,207 28,443 5,946,214 31,903,618 39.1% 1,207 38,465 6,033,982 449,709,091 16.3% 1,208 38,493 5,944,626 6,1156,288 5.4% 465,225 376,426 6,1156,288 691,156,282 5.4% 1,207 326,828 6,508,888 488,437,580 -30,9% 1,207 32,16 6,53,257 14,360,144 2.8% 1,207 32,16 6,53,257 14,360,144 2.8% 1,207 32,41 6,541,360 16,100,088 2.17% 1,207 22,41 5,644,000 151,492,443 2.9% 1,207 <td< td=""><td>Feh-13</td><td></td><td></td><td></td><td>8.037</td><td>239,037</td><td>5 109 867</td><td>148 875 931</td><td>22.7%</td><td>193 030 443</td></td<>	Feh-13				8.037	239,037	5 109 867	148 875 931	22.7%	193 030 443
1,207 256,728 5,672,547 176,736,654 33.1% 12,071 334,433 5,496,214 318,903,618 39.1% 88,462 445,196 6,053,982 449,709,091 15.8% 244,992 386,456 5,934,269 691,156,285 5.4% 465,225 376,426 6,170,82 691,156,285 5.4% 465,225 376,426 6,170,82 691,156,285 5.4% 465,225 376,426 6,103,848 635,710,122 -7.4% 14,207 326,828 6,508,888 488,437,580 -30.9% 14,207 327,106 6,253,257 214,360,144 2.8% 14,207 327,106 6,253,257 214,360,144 2.8% 8,037 239,437 6,054,153 166,100,088 22.0% 1,207 326,74 6,044,133 166,486,595 22.0% 1,207 226,41 16,482,413 29.8% 1,207 256,718 6,644,133 180,447,838 33.1% 1,	Mar-13					292,314	5,927,644	159,037,401	29.8%	226,388,240
12,071 334,433 5,496,214 318,903,618 39.1% 88,462 445,196 6,053,982 449,709,091 25.8% 10,000 244,992 384,456 5,934,269 599,544,853 16.3% 10,000 384,903 6,170,82 691,156,285 54% 10,000 320,483 6,170,82 691,156,285 54% 10,000 325,501 326,82 6,100,82 691,156,285 54% 10,000 325,501 326,82 6,508,888 488,437,580 -30,9% 10,000 320,00 327,160 6,253,257 214,360,144 2.8% 10,000 320,00 320,00 34,333 5,115,030 166,986,595 20,00% 10,000 320,00 33,40 329,40 151,277,890 22,9% 10,000 320,00 329,40 151,277,89 29,8% 10,000 334,433 6,122,98 325,133,726 39,1% 10,001 334,433 6,122,984 325,133,726 39,1%	Apr-13				1,207	256,728	5,672,547	176,736,654	33.1%	264,324,614
88,462 445,196 6,053,982 449,709,091 25.8% 244,992 386,456 5,944,863 569,544,853 16.3% 244,992 386,456 6,170,82 691,156,285 16.3% 24,003 46,170,102 691,156,285 7.4% 25,501 326,82 6,508,888 488,437,50 -7.4% 25,501 326,82 6,508,888 488,437,50 -30.9% 25,501 32,82 6,508,888 488,437,50 -30.9% 25,501 32,115,030 166,986,595 20.0% 25,04,041 32,115,030 166,986,595 20.0% 25,04,041 23,413 6,644,133 11,7% 25,04,041 46,100,088 22,13% 25,04,041 6,544,043 16,100,088 22,13% 25,04,041 6,544,043 16,482,443 29,8% 25,04,041 6,542,133 16,482,443 29,8% 25,042 6,413,323 16,482,433 33,1% 25,043 25,43,433 6,447,838 </td <td>May-13</td> <td></td> <td></td> <td></td> <td>12,071</td> <td>334,433</td> <td>5,496,214</td> <td>318,903,618</td> <td>39.1%</td> <td>523,954,164</td>	May-13				12,071	334,433	5,496,214	318,903,618	39.1%	523,954,164
244,992 386,456 5,934,269 599,544,853 16.3% 394,883 507,426 6,170,082 691,156,285 5.4% 46,50,10,102 6,170,082 691,156,285 7.74% 455,501 376,828 6,100,828 488,437,580 -7.4% 14,207 327,160 6,533,257 214,360,144 2.8% 8,307 348,303 5,115,030 166,986,595 20.0% 8,307 38,037 6,044,153 166,986,595 20.0% 8,037 239,403 5,644,600 151,977,890 22.9% 8,037 256,718 6,544,000 151,977,890 22.9% 8,037 256,718 6,544,000 151,977,890 22.9% 8,037 256,728 6,544,000 151,977,890 29.8% 8,037 256,728 6,341,323 180,447,838 33.1% 8,037 256,728 6,341,323 180,447,838 33.1%	Jun-13				88,462	445,196	6,053,982	449,709,091	25.8%	606,392,602
394,983 507,426 6,170,082 691,156,285 5,4% 465,225 376,462 6,103,848 635,710,122 -7.4% 255,501 255,501 486,137,580 -30.9% 3,207 327,160 6,233,27 214,360,144 2.8% 8,307 320,7 348,303 5,115,030 166,986,595 20.0% 8,307 8,307 5,644,600 151,977,890 22.9% 1,207 255,728 6,341,323 160,447,838 33.1% 1,207 334,333 6,122,984 325,133,726 39.1%	Jul-13				244,992	386,456	5,934,269	599,544,853	16.3%	716,484,077
465,225 376,462 6,103,848 635,710,122 -7.4% 255,501 326,828 488,437,580 -30.9% 14,207 327,160 6,253,257 24,360,144 2.8% 3,207 348,303 5,115,030 166,986,595 20.0% 6,054,133 169,100,088 21.7% 8,037 239,403 5,644,600 151,977,890 22.9% 1,207 256,718 6,657,189 162,482,443 29.8% 1,207 256,728 6,341,323 180,447,838 33.1% 1,207 334,433 6,122,984 325,133,726 39.1%	Aug-13				394,983	507,426	6,170,082	691,156,285	5.4%	730,355,434
255,501 326,828 6,508,888 488,437,580 -30.9% 14,207 37,160 6,233,257 214,360,144 2.8% 20,000 3,000 3,115,030 166,986,595 20.0% 20,000 1,200 1,200 1,51,977,890 22.9% 20,000 1,207 250,314 6,657,189 169,100,088 21.7% 20,000 1,207 250,314 6,657,189 169,100,088 22.9% 20,000 1,207 256,728 6,341,323 180,447,838 33.1% 20,000 1,207 256,728 6,341,323 180,447,838 33.1% 20,000 1,207 334,433 6,122,984 325,133,726 39.1%	Sep-13				465,225	376,462	6,103,848	635,710,122	-7.4%	592,108,496
14,207 327,160 6,553,257 214,360,144 2.8% 3,207 348,303 5,115,030 166,986,595 20.0% 8,037 238,037 6,054,153 169,100,088 21.7% 8,037 239,037 5,644,60 151,977,890 22.9% 1,207 250,314 6,657,189 162,482,443 29.8% 1,207 256,728 6,341,323 180,447,838 33.1% 12,071 334,433 6,122,984 325,133,726 39.1%	Oct-13				255,501	326,828	6,508,888	488,437,580	-30.9%	373,262,137
3,207 348,303 5,115,030 166,986,595 20.0% - 398,037 6,054,163 169,100,088 21.7% 8,037 2394,20 5,644,163 169,100,088 22.9% - 220,314 6,654,189 162,482,443 29.8% 1,207 256,728 6,341,323 180,447,838 33.1% 12,071 334,433 6,122,984 325,133,726 39.1%	Nov-13				14,207	327,160	6,253,257	214,360,144	2.8%	220,520,436
8,037 6,034,153 169,100,088 21.7% 8,037 239,40 5,644,600 151,977,890 22.9% - 223,41 6,657,189 16,7482,443 29.8% 1,207 256,728 6,341,323 180,447,838 33.1% 12,071 334,433 6,122,984 325,133,726 39.1%	Dec-13				3,207	348,303	5,115,030	166,986,595	20.0%	208,744,810
8,037 239,420 5,644,600 151,977,890 22.9% - 292,314 6,657,189 162,482,443 29.8% 1,207 256,728 6,341,323 180,447,838 33.1% 12,071 334,433 6,122,984 325,133,726 39.1%	Jan-14					398,037	6,054,153	169,100,088	21.7%	215,880,135
. 29,4,14 b,1507,189 102,482,443 25,8% 1,207 256,728 6,341,323 180,447,838 33.1% 12,071 334,433 6,122,984 325,133,726 39.1%	Feb-14				8,037	239,420	5,644,600	151,977,890	22.9%	197,052,399
12,071 334,433 6,122,984 325,133,726 39.1%	Mar-14				1 207	292,314	6,657,189	162,482,443	29.8%	231,292,226
33.1.0	Apr-14			+	12021	220,120	0,341,323	100,447,030	35.1%	203,673,003
*** *** ***	May-14				12,071	334 433	VXD (4	700	201	171 061 755

Date	Industrial	nside - Wholesale	- Manager 1				200		
Jul-14				244,992	386,456	565,392	4	16.3%	730,006,617
Aug-14	4			394,983	507,426	6,957,381	704,155,892	5.4%	744,092,319
Sep-14	4			465,225	376,462	6,875,368	647,724,998	-7.4%	603,299,305
Oct-14	4			255,501	326,828	7,376,896	497,934,559	-30.9%	380,519,692
Nov-14	4			14,207	327,160	7,060,369	218,914,499	2.8%	225,205,674
Dec-14	t			3,207	348,303	5,650,993	170,392,391	20.0%	213,002,291
Jan-15	2			-	398,037	6,648,643	172,767,213	21.7%	220,561,738
Feb-15	2			8,037	239,420	6,162,741	155,249,718	22.9%	201,294,606
Mar-15	2				292,314	7,364,097	166,102,080	29.8%	236,444,744
Apr-15	2			1,207	256,728	6,989,347	184,359,245	33.1%	275,724,844
May-15	2			12,071	334,433	6,730,305	331,751,366	39.1%	545,062,835
Jun-15	2			88,462	445,196	7,549,693	467,626,745	25.8%	630,552,961
Jul-15	2			244,992	386,456	7,373,829	622,921,908	16.3%	744,420,749
Aug-15	2			394,983	507,426	7,720,250	718,018,070	5.4%	758,740,695
Sep-15	2			465,225	376,462	7,622,949	660,532,558	-7.4%	615,228,428
Oct-15	5			255,501	326,828	8,217,972	508,031,341	-30.9%	388,235,615
Nov-15	2			14,207	327,160	7,842,438	223,715,978	2.8%	230,145,138
Dec-15	2			3,207	348,303	6,170,326	173,989,997	20.0%	217,499,548
Jan-16	9				398,037	6,986,238	176,395,601	21.7%	225,193,888
Feb-16	9			8,037	239,420	6,456,980	158,493,156	22.9%	205,500,002
Mar-16	9				292,314	7,765,532	169,623,047	29.8%	241,456,808
Apr-16	2			1,207	256,728	7,357,343	188,222,325	33.1%	281,502,406
May-16	9			12,071	334,433	7,075,188	338,533,300	39.1%	556,205,457
Jun-16	9			88,462	445,196	7,967,688	477,146,859	25.8%	643,389,986
Jul-16	9			244,992	386,456	7,776,133	635,483,410	16.3%	759,432,330
Aug-16	9			394,983	507,426	8,153,464	732,480,644	5.4%	774,023,518
Sep-16	9			465,225	376,462	8,047,481	673,873,327	-7.4%	627,654,191
Oct-16	9			255,501	326,828	8,695,597	518,421,828	-30.9%	396,175,985
Nov-16	9			14,207	327,160	8,286,555	228,464,883	2.8%	235,030,518
Dec-16	9			3,207	348,303	6,465,242	177,581,743	20.0%	221,989,480
Jan-17	7				398,037	6,986,238	179,755,500	21.7%	229,483,273
Feb-17	7			8,037	239,420	6,456,980	161,504,288	22.9%	209,404,194
Mar-17	7			•	292,314	7,765,532	172,808,090	29.8%	245,990,686
Apr-17	7			1,207	256,728	7,357,343	191,790,805	33.1%	286,839,370
May-17	7			12,071	334,433	7,075,188	345,105,530	39.1%	567,003,538
Jun-17	7			88,462	445,196	7,967,688	486,440,122	25.8%	655,921,122
Jul-17	7			244,992	386,456	7,776,133	647,897,952	16.3%	774,268,287
Aug-17	7			394,983	507,426	8,153,464	746,804,620	5.4%	789,159,883
Sep-17	7			465,225	376,462	8,047,481	687,060,805	-7.4%	639,937,175
Oct-17				255,501	326,828	8,695,597	528,542,860	-30.9%	403,910,439
Nec-17	, ,			3 207	348 303	6.260,333	180 947 807	20.0%	235,332,010
Jan-18				102,6	308,037	6 813 834	182 850 198	20.0%	262,161,022
Feb-18	0 0			8.037	239.420	6.306.718	164.281.993	22.7%	213.005.727
Mar-18	0 00			-	292,314	7,560,527	175,700,159	29.8%	250,107,519
Apr-18	8			1,207	256,728	7,169,414	195,072,797	33.1%	291,747,867
May-18	8			12,071	334,433	6,899,062	351,320,115	39.1%	577,214,014
Jun-18	8			88,462	445,196	7,754,225	495,263,252	25.8%	667,818,325
Jul-18	8			244,992	386,456	7,570,684	659,764,167	16.3%	788,448,968
Aug-18	8			394,983	507,426	7,932,230	760,511,747	5.4%	803,644,414
Sep-18	80 1			465,225	376,462	7,830,681	699,667,256	-7.4%	651,678,985
Oct-18	8			255,501	326,828	8,451,683	538,140,443	-30.9%	411,244,876
Nov-18	00 1			14,207	327,160	8,059,752	236,907,068	2.8%	243,715,315
Dec-18	× -			3,207	348,303	6,314,634	184,070,295	20.0%	230,100,619
Feh-19					100,000	0,040,043	100,011,430	21.170	656,14,162
				\x(1)\x	739.470	6.162.741	167.124.544	22.9%	216.691.338

								%	
Date	Industrial	Inside - Wholesale	Outside - Wholesale	Total Other	Hydrant	Ranch	Total Consupmtion	Non-Revenue	Treated Water Demand
Apr-19				1,207	256,728	6,989,347	198,432,051	33.1%	296,771,915
May-19				12,071	334,433	6,730,305	357,669,883	39.1%	587,646,594
Jun-19				88,462	445,196	7,549,693	504,276,043	25.8%	679,971,270
Jul-19				244,992	386,456	7,373,829	671,880,411	16.3%	802,928,444
Aug-19				394,983	507,426	7,720,250	774,506,696	5.4%	818,433,091
Sep-19				465,225	376,462	7,622,949	712,539,243	-7.4%	663,668,117
Oct-19				255,501	326,828	8,217,972	547,945,061	-30.9%	418,737,527
Nov-19				14,207	327,160	7,842,438	241,049,028	78.8	247,976,307
Dec-19				3,207	348,303	6,170,326	187,264,545	%0'0Z	234,093,653
Jan-20				-	398,037	6,813,834	189,581,734	71.7%	242,027,847
Feb-20				8,037	239,420	6,306,718	170,314,777	22.9%	220,827,750
Mar-20				-	292,314	7,560,527	182,081,372	%8'67	259,191,115
Apr-20				1,207	256,728	7,169,414	202,222,225	33.1%	302,440,441
May-20				12,071	334,433	6,899,062	364,487,535	39.1%	598,847,901
Jun-20				88,462	445,196	7,754,225	513,882,246	25.8%	692,924,379
Jul-20				244,992	386,456	7,570,684	684,636,624	16.3%	818,172,714
Aug-20				394,983	507,426	7,932,230	789,209,742	5.4%	833,970,025
Sep-20				465,225	376,462	7,830,681	726,088,286	%4'.	676,287,868
Oct-20				255,501	326,828	8,451,683	558,417,867	%6'08-	426,740,805
Nov-20				14,207	327,160	8,059,752	245,712,802	7.8%	252,774,109
Dec-20				3,207	348,303	6,314,634	190,814,182	70.0%	238,530,945

Table C-5 - Estimates of Passive Savings - Past and Future City of Loveland

									Estimate of Past Water Demand Reductions from Passive Savings									584.88 Estimate of Future Passive Savings Demand Reductions in 2020
and	s/day)	Low							166.19 Es	56.25	114.46	174.90	237.84	302.25	369.12	438.44	510.23	584.88 Es
Reduced Demand	(1000s of gallons/day)	High							326.81	110.62	225.09	343.94	467.71	574.30	684.88	726.03	768.27	812.16
		Low							2.46	0.82	1.64	2.46	3.28	4.09	4.89	5.70	6.50	7.30
	Total	High							4.84	1.61	3.23	4.84	6.46	7.77	80.6	9.43	9.79	10.14
s (in gpcd)	es Washers*	Low		0.62	1.25	1.87	2.49	3.12	3.74	4.36	4.98	5.61	6.23	6.85	7.48	8.10	8.72	9.35
Passive Savings (D/W + Clothes	High		0.95	1.91	2.86	3.82	4.77	5.73	89.9	7.63	8.59	9.54	10.50	11.45	11.45	11.45	11.45
Pa		Low		1.98	2.18	2.38	2.58	2.78	2.97	3.17	3.37	3.57	3.77	3.95	4.13	4.31	4.49	4.67
	Toilet	High		6.61	7.27	7.93	8.59	9.25	9.91	10.57	11.23	11.89	12.56	12.91	13.26	13.62	13.97	14.33
		Population							67455	68495	06969	70991	72403	73926	75449	76975	78502	8008
		Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020

^{*} dish washers plus clothes washers

Table C-6 - Past and Forecasted Annual Water Demands without Passive Savings

City of Loveland Average Conditions

Billed Water (in 1000s of gallons)

21
IIside City

		Ranch	4,610 97,001	•		4,033 78,957											239 86,393	239 88,663
		s Hydrant			54,810 3,6			1,295 3,7										
		ity Use Other Uses	53,628			69,194												
	lai	Outside City Ci	21,020	22,288	20,981	18,266	14,786	16,429	16,680	19,733	20,266	20,651	21,064	21,506	21,958	22,397	22,845	23,302
	Commercial	Inside City	466,292	517,424	515,274	590,295	510,429	538,454	572,683	607,925	624,339	636,202	648,926	662,553	676,467	966'689	703,796	717,872
gallons)	tial	Outside City	133,597	150,123	139,242	140,831	120,300	133,651	134,224	166,347	166,347	166,347	166,347	166,347	166,347	166,347	166,347	166,347
Billed Water (in 1000s of gallons)	Residential	Inside City	2,623,544	3,186,549	2,989,778	2,967,702	2,516,008	2,816,305	2,875,155	3,164,806	3,250,256	3,312,010	3,378,251	3,449,194	3,521,627	3,592,060	3,663,901	3,737,179
Bil		Year	2002	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020

Above Average Conditions

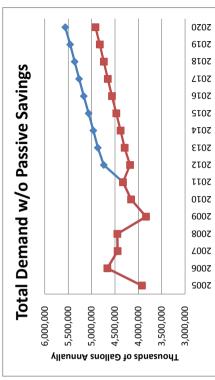
Table C-6 - Past and Forecasted Annual Water Demands without Passive Savings

City of Loveland

		Acre-Feet of	Demand	12,040	14,309	13,636	13,652	11,773	12,752	13,284	12,820	13,174	13,439	13,721	14,007	14,281	14,540	14,804	15,090	
nditions	Total	Demand	(1000 gallons)	3,923,300	4,662,700	4,443,200	4,448,600	3,836,400	4,155,400	4,328,723	4,177,503	4,292,717	4,379,171	4,470,851	4,564,088	4,653,577	4,737,740	4,823,763	4,917,031	
Average Conditions	Total	Non-Revenue		430,360	487,646	597,250	579,317	574,580	544,734	625,956	563,532	579,385	591,383	604,074	616,825	628,876	640,110	651,599	664,254	13.5%
	Total	Billed		3,492,940	4,175,054	3,845,950	3,869,283	3,261,820	3,610,666	3,702,767	3,613,971	3,713,332	3,787,788	3,866,777	3,947,263	4,024,701	4,097,630	4,172,164	4,252,776	
			Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	

			^	enu	ınA	snolls of Gallons	esno	РЧТ																		
13,721	14,007	14,281	14,540	14,804	15,090				Acre-Feet of	Demand	12,040	14,309	13,636	13,652	11,773	12,752	13,284	14,544	14,936	15,229	15,541	15,859	16,166	16,456	16,752	17,071
4,470,851	4,564,088	4,653,577	4,737,740	4,823,763	4,917,031		onditions	Total	Demand	(1000 gallons)	3,923,300	4,662,700	4,443,200	4,448,600	3,836,400	4,155,400	4,328,723	4,739,258	4,867,005	4,962,516	5,063,912	5,167,555	5,267,667	5,362,161	5,458,721	5,562,736
604,074	616,825	628,876	640,110	651,599	664,254	13.5%	Above Average Conditions	Total	Non-Revenue		430,360	487,646	597,250	579,317	574,580	544,734	625,956	634,582	651,925	9000'599	678,846	692,834	706,149	718,611	731,353	745,287
3,866,777	3,947,263	4,024,701	4,097,630	4,172,164	4,252,776		⋖	Total	Billed		3,492,940	4,175,054	3,845,950	3,869,283	3,261,820	3,610,666	3,702,767	4,104,676	4,215,080	4,297,517	4,385,066	4,474,720	4,561,518	4,643,549	4,727,368	4,817,449
2015	2016	2017	2018	2019	2020						2002	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020

Year



13.4%

Table C-7 - Past and Forecasted Annual Water Demand with Passive Savings City of Loveland

Average Conditions

Residential	Commercial	cial				
Outside City	Inside City	Outside City	City Use	Other Uses	Hydrant	Ranch
	466,292	21,020	53,628	93,248	4,610	97,001
3,186,549 150,123	517,424	22,288	898'89	101,227	5,102	123,473
	515,274	20,981	68,262	54,810	3,683	53,921
	590,295	18,266	69,194	2	4,033	78,957
	510,429	14,786	56,127	0	3,166	41,004
	538,454	16,429	68,156	1,295	3,707	32,669
	572,683	16,680	71,316	1,221	3,584	27,905
	556,283	16,639	65,942	1,258	3,646	27,397
	571,303	17,089	65,942	1,258	3,646	35,404
	582,157	17,413	65,942	1,258	3,646	43,838
	293,800	17,762	65,942	1,258	3,646	52,011
	606,270	18,135	65,942	1,258	3,646	56,651
	619,002	18,516	65,942	1,258	3,646	56,651
	631,382	18,886	65,942	1,258	3,646	54,281
3,030,515 122,196	644,010	19,264	65,942	1,258	3,646	52,011
3,074,886 121,264	068'959	19,649	65,942	1,258	3,646	54,281
	2,827,141 129,581 2,850,674 128,171 2,876,894 126,702 2,910,033 125,357 2,943,371 123,962 2,986,628 123,093 3,030,515 122,196 3,074,886 121,264		130,939 129,581 128,171 126,702 125,357 123,093 122,196 121,264	120,359 556,283 129,581 571,303 128,171 582,157 126,702 593,800 125,357 606,270 123,962 619,002 123,093 631,382 122,196 644,010 121,264 656,890	130,939 556,283 10,639 129,581 571,303 17,089 128,171 582,157 17,413 126,702 593,800 17,762 125,357 606,270 18,135 123,962 619,002 18,516 123,093 631,382 18,886 122,196 644,010 19,264 121,264 656,890 19,649	120,359 556,283 16,639 65,942 129,81 571,303 17,089 65,942 128,171 582,157 17,413 65,942 126,702 593,800 17,762 65,942 125,357 606,270 18,135 65,942 123,962 619,002 18,516 65,942 123,093 631,382 18,886 65,942 122,196 644,010 19,264 65,942 121,264 65,890 19,649 65,942

Commercial	`			
Inside	Outside City City US	Other	Hydrant	Ranch
150,123	517,424 22,288 68,868	368 101,227	5,102	123,473
	20,981		3,683	53,921
	18,266		4,033	78,957
	14,786		3,166	41,004
	16,429		3,707	32,669
	16,680		3,584	27,905
	19,733		4,239	61,779
	20,266		4,239	98′,69
	20,651		4,239	78,220
	21,064		4,239	86,393
	21,506		4,239	91,033
	21,958	1,488	4,239	91,033
	22,397		4,239	88,663
			4,239	86,393
155,360 7	22,845	78,359 1,488	4,239	88,663

Above Average Conditions

Table C-7 - Past and Forecasted Annual Water Demand with Passive Savings City of Loveland

		Acre-Feet of	Demand	12,040	14,309	13,636	13,652	11,773	12,752	13,284	12,712	12,954	13,103	13,264	13,439	13,599	13,786	13,976	14,185	
ditions	Total	Demand	(1000 gallons)	3,923,300	4,662,700	4,443,200	4,448,600	3,836,400	4,155,400	4,328,723	4,142,301	4,221,079	4,269,698	4,321,972	4,379,118	4,431,167	4,492,027	4,553,998	4,622,247	
Average Conditions	Total	Non-Revenue		430,360	487,646	597,250	579,317	574,580	544,734	625,956	558,784	569,716	576,599	583,958	591,827	598,820	606,912	615,159	624,431	13.5%
	Total	Billed		3,492,940	4,175,054	3,845,950	3,869,283	3,261,820	3,610,666	3,702,767	3,583,517	3,651,363	3,693,099	3,738,014	3,787,292	3,832,347	3,885,115	3,938,840	3,997,815	
			Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	

				3,500,000	
	Above Average Conditions	Conditions		л 3,000,000	
Total	Total	Total			9007 5007
Billed	Non-Revenue	Demand	Acre-Feet of		
		(1000 gallons)	Demand		
3,492,940	430,360	3,923,300	12,040		
4,175,054	487,646	4,662,700	14,309		
3,845,950	597,250	4,443,200	13,636		
3,869,283	579,317	4,448,600	13,652		
3,261,820	574,580	3,836,400	11,773		
3,610,666	544,734	4,155,400	12,752		
3,702,767	625,956	4,328,723	13,284		
4,074,223	629,874	4,704,096	14,436		

Year

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Total Demands with Passive Savings	8 8 8	8 8
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14,717 14,894 15,084 15,292 15,484 15,703 15,925 16,168

4,795,451 4,853,175 4,915,214 4,982,814 5,045,536 5,116,758 5,189,299 5,268,331

642,341 650,348 658,912 668,066 676,371 685,723 695,256 705,843

4,153,111 4,202,827 4,256,302 4,314,748 4,369,164 4,431,034 4,494,043 4,562,488

2005 2006 2007 2008 2009 2010 2011 2012 2013 2015 2015 2016 2017 2018

Appendix D Public Notices

WATER CONSERVATION PLAN

PUBLIC NOTICE OF WATER CONSERVATION PLAN CITY OF LOVELAND

PUBLIC COMMENT PERIOD: FEBRUARY 21 – APRIL 21, 2013 PUBLIC HEARING: CITY COUNCIL MEETING, MAY 14, 2013

Notice is hereby given that the City of Loveland is updating its Water Conservation Plan, pursuant to State Law. The City is seeking public comment over the next 60-days, and will conduct a Public Hearing on the Plan during the City Council Meeting on Tuesday, May 14, 2013. The City Council Meeting will be called to order at 6:30 p.m. in the City Council Chambers, 500 East Third Street, Loveland. Comments on the Water Conservation Plan will be received during the time designated in the meeting's agenda.

The City's Water Conservation Plan is designed to promote the efficient consumption of all water usage by residents, businesses, and local governments to more beneficially use our water resources, and insure a future adequate water supply.

The Water Conservation Plan is available for review and comment by the public at the City Service Center, 200 North Wilson Avenue, and at the Loveland Public Library, 300 North Adams, during regular business hours or online by viewing a copy of the updated Water Conervation Plan here and submitting comments to SustainLoveland@cityofloveland.org.

The point of contact for the Water Conservation Plan is Lindsey Bashline, Customer Relations Specialist, who can be reached at 970-962-3727.

AFFIDAVIT OF PUBLICATION

State of Colorado County of Larimer

I, the undersigned agent, do solemnly swear that the LOVELAND REPORTER-HERALD is a daily newspaper printed, in whole or in part, and published in the City of Loveland, County of Larimer, State of Colorado, and which has general circulation therein and in parts of Larimer and Weld counties; that said newspaper has been continuously and uninterruptedly published for a period of more than six months next prior to the first publication of the annexed legal notice of advertisement, that said newspaper has been admitted to the United States mails as second-class matter under the provisions of the Act of March 3, 1879, or any, amendments thereof, and that said newspaper is a daily newspaper duly qualified for publishing legal notices and advertisements within the meaning of the laws of the State of Colorado; that a copy of each number of said newspaper, in which said notice of advertisement was published, was transmitted by mail or carrier to each of the subscribers of said newspaper, according to the accustomed mode of business in this office.

The annexed legal notice or advertisement was published in the regular and entire edition of said daily newspaper once; and that one publication of said notice was in the issue of said newspaper dated February 23, 2013.

Agent

Subscribed and sworn to before me this 25th day of February, 2013 in the County of Larimer, State of Colorado.

> DEBRAK RYSAV NOTARY PUBLIC

STATE OF COLORADO NOTARY ID # 19934006283 MY COMMISSION EXPIRES APRIL 30, 2017

Account # 222255 Ad #5580546 Fee \$22.31

PUBLIC NOTICE OF WATER CONSERVATION PLAN PUBLIC COMMENT PERIOD: FEBRUARY 21 - APRIL 21, 2013.

PUBLIC HEARING: CITY COUNCIL MEETING, MAY 14, 2013 Notice is hereby given that the City of Loveland is updating its Water Conservation Plan, pursuant to State Law. The City is seeking public comment over the next 60-days, and will conduct a Public Hearing on the Plan during the City Council Meeting on Tuesday, May 14, 2013. The City Council Meeting will be called to order at 6:30 p.m. in the City Council Chambers, 500 East Third Street, Loveland. Comments on the Water Conservation Plan will be received during the city. City Council Chambers, 500 East Third Street, Loveland. Comments on the Water Conservation Plan will be received during the time

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City of Loveland

Teresa G. Andrews, City Clerk Published: Loveland Reporter-Herald on Feb. 23, 2013. Ad #5580546