

## FINAL REPORT

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# CITY OF RIFLE WATER CONSERVATION PLAN IMPLEMENTATION



December 2013

Prepared by



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REVIEWED BY

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SGM Project # 1999-99055N

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## 0.0 Introduction

### 0.1 History

In 2006, SGM worked with the City of Rifle (the City) to create a Water System Master Plan. Through the planning process, SGM and City staff identified the City's upcoming water deliveries would likely exceed 2,000 AFY, characterizing them as a "Covered Entity." Also as part of the master planning process, the City recognized their need for water treatment capacity upgrades that could be, in part funded through Colorado Water Conservation Board (CWCB) or Water and Power Authority (WAPA) grants or loans.

In 2007, in preparation for its need to file a Water Conservation Plan with CWCB, SGM worked with the City to solicit and obtain grant funding to create a Water Conservation Plan.

In 2008, SGM worked with the City to develop its first Water Conservation Plan. The plan evaluated over 40 potential water conservation measures. Those measures were screened based on established water conservations goals, including energy, water, wastewater savings, improved public awareness and perception, environmental and aesthetic impacts and regulatory compliance. A final "shortlist" of 18 water conservation measures was compiled as part of the City's 2008 Water Conservation Plan.

In 2010, SGM again worked with the City to solicit and obtain grant funding for implementation of the 2008 Water Conservation Plan. The proposed Implementation Plan reduced the measure "shortlist" from 18 to 6 water conservation tasks that it could reasonably undertake. Those tasks included:

1. Establish Landscaping and Irrigation Design Requirements for New Development
2. Establish High-Efficiency Indoor Plumbing Fixture Design Requirements for New Development
3. Create a Water Efficiency Website
4. Create a City Facility Water Efficient Plumbing Fixture and Appliance Policy
5. Launch a "Smart" Irrigation Controller Rebate Program for Existing Residential Water Customers
6. Launch a Rebate Program for High-Efficiency Toilets and Clothes Washers for Existing Water Customers.

Finally in 2011-2013, SGM and City of Rifle staff conducted the Tasks identified in the City of Rifle's Implementation Plan. This report summarizes those activities.

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## 1.0 Tasks 1 & 2

- Task 1 - Establishing Landscaping and Irrigation Design Requirements for New Development
- Task 2 - Establish High-Efficiency Indoor Plumbing Fixture Design Requirements for New Development

Tasks 1 and 2 included the creation of new (or modification of existing) City ordinances to incorporate water efficiency into new development. Task 1 ordinance would address outdoor water use through landscape design and construction requirements; Task 2 ordinance would address indoor water use through plumbing and fixture design and construction requirements. The two tasks were to be conducted in parallel.

### 1.1 Description of Proposed Activities

#### 1.1.1 Task 01

Landscape irrigation is the single largest water use in Rifle and was a logical place to start implementation of the City's Water Conservation Plan. This was especially true given that the primary goal of the overall program was to reduce peak day demand to which irrigation water use is a very large contributor – approximately 75% of peak day water demand in Rifle's system is due to outdoor water use (peak day production hovers around 4 MGD, while typical winter production is about 1 MGD). The City of Rifle also had very significant growth potential. It was projected that water efficiency programs and measures for new development would have great water savings potential in Rifle. Furthermore, from a logistical and political perspective, any regulatory requirements are more easily established for new development.

As part of Task 01, the City would work with local citizen groups, local irrigation and landscape professionals, and members of the development community to establish a framework for outdoor water efficiency requirements for new development.

#### 1.1.2 Task 02

Develop design requirements for high-efficiency indoor plumbing fixtures for new construction in order to reduce the impact of future growth on overall City water demands. This was a companion effort that was executed in parallel with Task 1 for maximum efficiency. Many of the same discussion points apply.

The City would establish minimum standards and requirements for fixtures based on the EPA *WaterSense* guidelines that would be incorporated into the City Code. As with Task 1, design standards would be developed with input from the community.



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**1.2 Task Implementation****1.2.1 Research**

To begin, SGM, along with City Staff and City Attorney conducted research into potential models used by other communities. Observed models varied widely but were nearly always included as part of a larger “Green” building strategy that included both indoor and outdoor resource efficiency measures. Several communities developed “point-systems” which allowed contractors to choose from a suite of resource efficiency measures to include in design and construction.

As it relates to model outdoor water efficiency ordinances, example models included:

- Limiting site impact area
- Stormwater or grey water reuse design
- Low-emitter drip systems
- Mulched bedding areas
- Permeable walkways
- Use of approved low water use turf grass species
- Installation of irrigation timers
- Soil amendment requirements

As it relates to model indoor water efficiency ordinances, most included maximum flow ratings on:

- Showerheads (1.5-2.5 gpm)
- Kitchen and bathroom faucets (1.5-2.2 gpm)
- Toilets (1.4-2.0 gallons per flush)

Some also included maximum flow ratings on:

- Urinals
- Clothes/dishwashers

Overall, most communities cited *WaterSense* labeled products as a standard for all new development fixtures.

**1.2.2 Ordinance Development**

In selection of a strategy for these ordinances, City staff considered the following:

- Enforceability - Current City staff should be capable of evaluating whether new construction met the requirements. City did not have the resources to hire new, specialized staff to assist in enforcement at this time.
- Applicability to local conditions – City staff recognize that the irrigation requirements in the City of Rifle differ from those of other communities. Conditions such as precipitation, growing season length, soil conditions are unique to this area.
- Ordinance complexity – In review of potential alternatives, SGM and City staff considered the inclusion of detailed ordinance requirements such as (Task 1) specific plant species lists and (Task 2) maximum hot water pipe lengths. However, it was agreed that at this time, such ordinances would require significant staff time and expertise to enforce, and too much of a design burden on new development. For these reasons, staff opted not to dictate to this level of detail in order to minimize complexity in the proposed ordinances.

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- Targeted ordinance application – City staff opted not to develop an ordinance that allowed contractors to select from a suite of resource efficiency measures as was modeled in some other communities. Such a model also added additional complexity to the ordinances through point-system development and suite alternatives evaluation. It also did not provide targeted and specific measures that staff identified as highest priority.

City of Rifle staff then worked with the City's Attorney to prepare a first draft ordinance to be reviewed by local developers and other potential stakeholders. Initial solicitation for ordinance review by the stakeholders group was unsuccessful, with little to no feedback.

The draft ordinance was then presented to the City of Rifle Planning Commission followed by City Council. Both the Commission and the Council response generally favored development. As such, the Task 1 ordinance was modified to limit regulatory requirements for new residential construction; Task 2 ordinance was drafted in such a way that did not place significant additional burden on developers and was generally accepted as drafted.

### 1.3 Outcomes and Estimated Water Savings

To date, the ordinance has not yet been adopted by City Council due to concerns related to its impact on development. Staff and the City's Attorney continue to revise the Task 01 ordinance with input from City Council and encourage both ordinances' overall ability to meet the long-term goals identified in the Water Conservation Plan.

A draft of the Ordinances as they currently exist is provided in **Appendix A**. A summary of the ordinance requirements for new development is provided below:

#### Task 1 - Landscaping and Irrigation Design Requirements for New Development

- Single-Family Residential - Addition of soil amendment a minimum of 2" deep.
- Multi-Family Residential, Commercial, Public/Civic, and Light Industrial – Tree/shrub for shade requirements, 75% coverage with either vegetation or organic mulch, maximum of 50% turf coverage, 2" deep soil amendment, irrigation timers, irrigation system audit must be performed.

#### Task 2 - High-Efficiency Indoor Plumbing Fixture Design Requirements for New Development

- All new development shall include WaterSense labeled toilets and faucets and Energy Star qualified dishwashers and clothes washers.

#### Estimated Water Savings

Ordinances have not yet been passed and, as such, metered water savings cannot be calculated at this time.

### 1.4 Lessons Learned

While City Staff, the City Attorney, SGM and those involved in the development of the Water Conservation Plan anticipated a water efficiency ordinance, it is likely that the new City Council did not. While City Council changeover is inevitable, the process has revealed that those decision makers also require some history and background in order to understand the purpose and goals as part of the big picture of the Water Conservation Plan.

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The economic timing of these measures did not favor their adoption. The Water Conservation Plan was developed prior to November, 2008, when the state's economy, especially that of the housing market, was very strong. In Rifle, energy development was driving the local economy and bringing new jobs to the area. In the years that followed, development in Rifle dropped sharply, as did tax revenues. These declines continue and budget challenges are currently being managed by City Council. This impacted the development and adoption of this ordinance in two ways:

- (1) City Departments and their budgets were tightened. This minimized the available resources that would be available to carry out enforcement. Thus as the ordinance was drafted, measures were limited to those that could be reviewed and inspected easily by existing staff.
- (2) City Council resisted ordinances that hindered residential development such as this.

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## 2.0 Task 3

### Create a Water Efficiency Website

#### 2.1 Description of Proposed Activity

Develop a web-based community water efficiency information hub that provides the City with a central location for making information about its water conservation programs available to the public. The site will also provide resources, especially local/regional ones, for community members interested in improving their own water use efficiency. The goal is to take the first step in developing water efficiency education programming by giving the citizens of Rifle some tools and guidance to help them better adapt to new water rates and water conservation requirements.

#### 2.2 Task Implementation

Establishment of the City's water conservation website was prioritized in order to create a platform to host information about the rebate programs undertaken as part of Tasks 5 and 6. SGM and City Staff first conducted research in order to (1) understand common elements among other municipal water efficiency websites and (2) compile relevant information to be considered for inclusion.

SGM worked with City staff to select and organize content for the site. The subject categories included:

- Purpose for conservation
- Indoor/Outdoor water conservation tips
- Irrigation controller programming information
- Rebate program information

Within these categories, general information was provided as well as links to more detailed information.

Once the content was established, the website's platform was considered. Because City Staff had basic understanding of their municipal website and could add/modify content to some degree, it was decided that the website would be hosted on the City's existing municipal page, with quick-links from the home-page when information was updated or added.

City staff built the water efficiency website with the organization and content that had been selected. Some modifications to initial planning content were required as a result of working within the City's existing CivicPlus platform. Proposed content that was ultimately eliminated, included irrigation controller programming video, and linked drought maps that would update regularly.

#### 2.3 Outcomes

The City launched its water efficiency website in April, 2011. At that time, the website was immediately used to promote the upcoming irrigation system rebate program and subsequent appliance rebate program. In addition to the proposed content, City staff used

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the website to host application documents that customers could download as well as provide rebate program details.

### Estimated Water Savings

Estimated water savings of this water efficiency public education effort cannot be estimated with any meaningful precision.

## 2.4 Lessons Learned

While the website is functional, designated maintenance and update of its content has not been prioritized. City has not designated a specific individual to fill this role and, as such, visitation is likely very limited.

Use of the City's existing municipal platform was the most efficient way to create the website because it didn't require staff to create an entirely new site. However, this also limited some of the content that was originally envisioned for the site.

Creation of the website was well-timed with launching of the rebate programs and made it easy to direct customers to information.

It is anticipated that over time, and as it is needed, City staff will further refine the water conservation website. Creation of the platform and initial content was ultimately considered a successful first step that will make future website development and content addition a much easier process.

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### 3.0 Task 04

#### Create a City Facility Water Efficient Plumbing Fixture and Appliance Policy

#### 3.1 Description of Proposed Activity

In order to take the lead in water conservation, the City proposed that it set an example by making new water efficiency and conservation standards apply to itself from the beginning. This task would establish a policy and requirements for the purchase and installation of new plumbing fixtures and appliances using the EPA *WaterSense* standards.

#### 3.2 Task Implementation

The City staff and Attorney drafted a policy resolution for consideration and adoption by the Rifle City Council. This ordinance was included as part of the Task 1 and 2 ordinances and included as a package under review by City Council.

#### 3.3 Outcomes

To date, the proposed purchasing policy has not yet been adopted by City Council. Though adoption of this policy is not likely to be met with dissent, it has been packaged with ordinances associated with Tasks 1 and 2 that are still under review and modification with City staff, Attorney and Council.

A draft of the policy as it currently exists is provided in **Appendix A**. A summary is provided below:

*Purchasing agents will strive to purchase only those plumbing fixtures and appliances that are WaterSense or Energy Star labeled to promote water and energy conservation.*

#### Estimated Water Savings

The policy has not yet been passed. If passed, the policy lays the groundwork for future savings as the City replaces existing fixtures/appliances, remodels its facilities, and constructs new ones. Future estimated water savings calculated as part of the water conservation plan remain valid based on existing number of facilities, and in consideration of new facilities. That estimated savings was approximately 23 MG over 20 years.

#### 3.4 Lessons Learned

The purpose of this task was two-fold (1) to enact policy to reduce water consumption by the City itself, but more importantly (2) to promote and present itself as a leader in water efficiency within the community. Timing of this task was not strategically considered in its development and its partnership with Tasks 1 and 2. While this was efficient from a labor perspective, it has left the policy unnecessarily unresolved. As a key lesson learned, this task should have been implemented at the very beginning of the implementation process and then highly promoted to build awareness of the City's efforts and show that the City is invested in the water efficiency efforts.

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## 4.0 Task 05

### Launch a “Smart Irrigation Controller Rebate Program for Existing Residential Water Customers

#### 4.1 Description of Proposed Activity

This proposed program’s goal was to reduce outdoor irrigation water use by existing Rifle Utility Department residential water customers. The program also would also help existing water customers acquire tools to help them control their water bills in the face of a future planned inclined block rate structure.

While this program was conceived initially in the City’s *Water Conservation Plan* as only a rebate program for “smart” irrigation controllers, the City believed that irrigation audits needed to be incorporated.

Applicants would be among one of the following groups.

- *Group #1:* Twenty (20) participants to receive:
  - a free irrigation audit
  - a rebate of 50% of the total cost (up to a maximum of \$100) to make any audit-recommended physical system improvements
- *Group #2:* Twenty (20) participants to receive:
  - a free irrigation audit
  - a rebate of 50% of the total cost (up to a maximum of \$100) to make any audit-recommended physical system improvements
  - a rebate of \$100 toward the supply, installation, startup, and training for a new irrigation controller with cycle-and-soak functionality, but without a weather station
- *Group #3:* Twenty (20) participants to receive:
  - a free irrigation audits
  - a rebate of 50% of the total cost (up to a maximum of \$100) to make any audit-recommended physical system improvements
  - a rebate of \$200 toward the supply, installation, startup, and training for a new weather-based irrigation controller. If the customer has a compatible controller and only needs the weather station module, this rebate will be reduced to \$100 and the number of rebates offered increased accordingly.

#### 4.2 Task Implementation

##### 4.2.1 Research

SGM worked with City Staff to evaluate alternatives for irrigation controllers. Models included Weathermatic Smart Link and Hunter Pro-C. Considerations for model selection included cost, simplicity of use, master-gardener recommendation, and availability of local experts for servicing if needed. Hunter Pro-C was selected as the preferred alternative. The Solar-Sync was an add-on component that incorporated local weather data into the programming which would be included in the Group #3 rebate program.

SGM and City Staff also contacted local landscape design and irrigation repair experts to help create the audit paperwork as well as RFP bid schedule.

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#### 4.2.2 Audit Development and Auditor Selection

SGM worked with City staff to create standardized audit worksheets to be used by the audit contractor for each property. Audit paperwork included space to fill in information about the existing controller and its programming, number of zones, map of the irrigated area and a sheet for summarizing items to be repaired. Example Audit Paperwork is provided in **Appendix B**.

Irrigation Auditor was selected by competitive bid. SGM and City Staff prepared a Request for Proposal which was issued in April, 2011 (**Appendix B**). The RFP included 3 bid schedules:

- Assuming 100% participation, unit cost to conduct audits, irrigation system improvements and installation of new controllers with or without the weather stations.
- Assuming 50% participation in the event that, for example, purchase of irrigation controllers could be discounted with bulk purchases.
- Unit cost for miscellaneous common repairs that were anticipated as part of the improvements.

Two bidders responded to the RFP and a selection was made in May, 2011. Oasis Irrigation, headquartered in the Vail Valley was the low bidder and selected contractor.

#### 4.2.3 Program Advertising

The program was advertised to the City of Rifle's water customers beginning in the spring of 2011. Numerous avenues for program advertising were used and are provided in **Appendix B**.

- Program Name – Early in the planning process, SGM and City Staff determined that it would be important to select a program name that was less cumbersome than "Irrigation Audits and Controller Rebate Program." However, a formal marketing expert was not included in the programs budget. The staff and SGM considered many ideas and opted to name the program "Rifle RAIN" (Rebates and Audits for Irrigation Networks). The name was used with all program advertising materials.
- Website – Hotlinks to the programs information were located on the City's homepage throughout the duration of the Rifle RAIN program. From the homepage, users were directed to the City's water conservation page that hosted application forms, program information and qualifying participants.
- Bill Stuffers – Prior to the Water Conservation Planning Effort, the City of Rifle worked with an independent consultant to launch a new branding campaign. One of the outcomes of the campaign was development of monthly billing stuffers to keep customers informed of the City of Rifle's Utility work. Rifle RAIN used the framework of the billing stuffers to provide contacts and information about the program.
- Flyers – City Staff developed flyers that were posted at public facilities throughout town as well as at local nurseries and greenhouses and irrigation system retailers.
- Newspaper
  - Advertisements – Billing stuffer language was included in an advertisement that ran in the City of Rifle's local newspaper, The Citizen Telegram, as well as the valley-wide newspaper, the Post Independent. Advertisements ran for two consecutive weeks in May and June of 2011.



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- Articles – Through the close of the first irrigation season, lack of response prompted additional advertising efforts. SGM and City Staff worked with local reporter Mike McKibbin to publish two articles in the Citizen Telegram describing both rebate programs offered as part of the Water Conservation Plan. Published articles ran in November 2011 and June 2012 following the Rifle RAIN's program extension.
- Partnering Efforts (Water2012 Campaign) – In January, 2012, Governor Hickenlooper issued a proclamation declaring 2012 the “Year of Water” for the state of Colorado. In response to the effort, Colorado Foundation for Water Education created a state-wide speakers bureau to present Colorado Water principals to lay audiences. SGM engineer, Shannon Ullmann, was part of the bureau and made a CFWE Water2012 presentation at the City of Rifle Public Library in May, 2012. The presentation also prompted a radio interview with Shannon Ullmann on “Drive 105's Community Voice,” discussing the winter's low snow-pack, and the City and State's efforts towards water conservation.

### 4.3 Outcomes

In 2011, Oasis conducted 17 irrigation system audits. Among those 17 audits, \$640 worth of improvements was conducted, 2 new Hunter Pro-C controllers were installed and 4 new Solar Sync weather stations were installed.

At the end of the 2011 irrigation season, CWCB was informed of the low participation numbers and the program was extended to the following season. In 2012, Oasis conducted 3 irrigation system audits.

At the close of the 2012 irrigation season, again due to low participation, SGM and City Staff met with Kevin Reidy to discuss options. The City proposed to use the existing contract with Oasis Irrigation (the Landscape Auditor) to conduct audits and system improvements to its own public irrigation systems. CWCB agreed to the program modification.

The City provided information to Oasis regarding number of parks to be audited with some details about the size or complexity of the irrigation system for each park. Oasis provided a cost estimate to audit the City's parks. The work was approved and conducted at the end of the summer of 2013.

Next, Oasis provided the City with audit paperwork, including cost estimates for improvements to be conducted. The City approved all improvements and worked with Oasis to add additional scope beyond the remaining program budget.

In the 2013 irrigation season, Oasis conducted irrigation system audits on 9 City of Rifle public parks. Irrigation system repairs totaled \$6,416 with additional work to the irrigation systems themselves (pipe repairs, nozzle adjustments, etc.) and an additional \$135 to conduct repairs at Joyce Park.

#### Estimated Water Savings

Water bills were collected for a select group of customers who participated in the Rifle RAIN program in 2011. Water usage records from May-September for 2009 and 2010 were compared to those customers' water usage records for the same months during 2012 and 2013. The results are provided in Tables 1 and 2. City of Rifle parks improvements were

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conducted in 2013. Billing data is not available to evaluate water savings as a result of this work.

**Table 1 Billed Water Use Reduction for Select Rain Sensor Rebate Customers (Irrigation Season)**

Customer ID	Average Monthly Water Use May-Sep (Gal/Mo)		% Water Use Reduction
	Pre- Rain Sensor Installation (2009/2010)	Post- Rain Sensor Installation (2012/2013)	
A	5,900	19,400	Not Applicable
B	29,700	19,200	35%
C	13,600	11,800	13%

**Table 2 Billed Water Use Reduction for Select Irrigation System Improvement Rebate Customers (Irrigation Season)**

Customer ID	Average Monthly Water Use May-Sep (Gal/Mo)		% Water Use Reduction
	Pre- Irrigation System Improvements (2009/2010)	Post- Irrigation System Improvements (2012/2013)	
D	25,500	19,500	24%
E	29,100	39,700	Not Applicable
F	17,300	13,700	21%

#### 4.4 Lessons Learned

##### Low Program Participation

- 2011 Irrigation Season - The year in which Rifle RAIN was launched, the west slope of Colorado (especially at higher elevations) enjoyed strong winter snow pack. In the spring, the Colorado River ran very high during runoff and temperatures were generally cool to mild. SGM and City Staff attributed the strong winter moisture and cool early season temperatures to lack of participation during this first year in which the program was launched. Extension of the program was driven, to a large degree, by the weather conditions characterized by that year.
- 2012 Irrigation Season – The following winter yielded far less snowfall than the previous year. Throughout the state of Colorado, poor snowfall late into the season resulted in severe drought conditions. Late spring snowfall improved snowpack in some areas, but irrigators and water providers in this area were still preparing for a challenging water season.

In addition, the Water2012 Campaign was having success in reaching out to many Colorado citizens to raise level of water awareness.

Finally, during this year, the City of Rifle was in the budgeting phase for its new water treatment plant. Mil Levy and rate increases put Rifle's customers on the offensive against the water utility. Articles published in local papers touted Rifle RAIN and other water conservation rebate programs as a means by which the City was helping

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customers reduce water use and ultimately keep water bills low. Despite being “ripe” for a successful second season, the Rifle RAIN program again had low participation.

Program advertising was not included in the program budget. As such, customer outreach may have been somewhat more limited than if the program’s advertising budget had been well funded, and developed by marketing experts rather than by City Staff and SGM.

Rate increases were not implemented prior to the program’s launch. Such financial drivers were clearly an incentive for customers to take action (as seen when WTP-driven fees went up in 2012). However, because the rate changes came at the close of the program’s second season, there was little financial incentive to participate in the program.

### Program Highlights

- Contractor Relationship Development – Through the RFP process, Oasis Irrigation was selected to conduct irrigation system audits, improvements and controller installation. This contractor was enthusiastic about the program, well organized, flexible during program changes and conducted the work very professionally. The City was very happy with their work and asked for additional help from the contractor following the program completion. The contractor will be a good “go-to” during the development of other programs in the area, and the City and SGM will recommend working with them in the future.
- Program Flexibility – Through the extension of the program schedule through multiple irrigation seasons, the City and SGM developed a better understanding of how CWCB works with municipalities through implementation. This will help guide future implementation efforts such that, through program adaptation, the most effective implementation can be achieved.
- Rifle Parks Audits – While residential customers did not take advantage of the program CWCB allowed the City to apply funds to audit and improve their own irrigation systems. Given the large areas that are irrigated by these systems, it has generally been considered a successful change to the program.

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## 5.0 Task 06 High Efficiency Toilet and Clothes Washer Rebate Program

### 5.1 Description of Proposed Activity

This program element seeks to achieve water savings by providing incentives (rebates) to existing water customers to upgrade the water efficiency of two of the largest indoor water-consuming devices in the home – toilets and clothes washers. This program also seeks to familiarize Rifle's citizens with the *WaterSense* label and to provide interested existing customers with another tool to manage their water bills in response to the planned new water rate structure.

The program proposed that the City would rebate up to \$125, and no more than 50% of the purchase price, per *WaterSense* toilet and *Energy Star* washer. Eligible washers would be limited to those with a water factor no greater than 6.0 gallons per cycle per cubic foot of capacity, which is the water efficiency performance criterion established in USEPA's specification for *WaterSense*-labeled single family homes. To receive the rebate, it was envisioned that applicants would be required to provide a receipt and allow for a site inspection by City staff to verify installation.

The City would issue 100 rebates on a first-come, first-serve basis. Sixty (60) toilet rebates and forty (40) washer rebates would be available. One hundred rebates (assuming one per tap) equates to about 3% of the City Utility Department's current water customer accounts. To simplify implementation and control costs, the City did not propose requiring rebate applicants to provide verification that the rebate is being used to fund replacement of an old, inefficient toilet or washer.

### 5.2 Task Implementation

#### 5.2.1 Research and Program Details

SGM worked with City Staff to address specific program elements including:

##### Designated Products

Toilet models that were eligible for rebates had to be *WaterSense* certified. There were no additional restrictions on gallons per flush maximums.

Clothes washers have not undergone *WaterSense* certification. Therefore, SGM and City Staff opted to designate qualifying models based on the Consortium for Energy Efficiency's (CEE) September 2011 product list. All product tiers qualified as using 6 gallons per cycle per cubic foot or less.

##### Limitation on Rebate Number per Household

SGM and City of Rifle Staff considered what limitations, if any, should be placed on the number of rebates allowed per household. Generally, staff did not feel that excessive restrictions were necessary and opted to allow up to three toilets and one washer replacement per household; a total rebate savings amount of \$400 per household.

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### Verification of Purchase, Replacement and Installation

Of importance was to reduce water use for the rebated appliances and as such, old vs. new equipment information would be needed. Various models were considered such as old-appliance collection, photo or inspection verification of old and new appliances, etc.

### **5.2.2 Program Development and Details**

SGM and City Staff developed two forms.

1. The “Intent to Purchase” provided information about the applicant’s existing toilets or clothes washers, how many fixtures would be replaced and which new models the applicant had chosen. Submission of this form “held” the applicant’s rebate (in the event that towards the end of the program, applicants would purchase appliances or fixtures but rebates would be gone before they were reimbursed).

City staff would review the applicant-selected models to verify that they were on the “approved” list, and provide follow up if they were not.

2. The “Purchase and Install” form was then submitted by the applicants once the appliance had been purchased and installed. This form asked applicants to provide signature that the information was correct, equipment had been installed properly and that they would accommodate inspection upon request. Applicants would include a copy of their receipt with the Purchase and Install form.

City staff would accept and review the Purchase and Install form and provide customer rebate check at the time the form was submitted. Then the City inspected one installation for every five applications (selected at random).

### **5.2.3 Program Advertising**

Program advertising was conducted similar to Rifle RAIN and sometimes in partnership with that program.

- Website – Hotlinks to the programs information were located on the City’s homepage. As with Rifle RAIN, users were directed to the City’s water conservation page that hosted application forms, program information and qualifying toilets and clothes washers.
- Newsletters – Over time, city Staff were reluctant to continue issuing brand-developed bill stuffers in every mailing because resources were limited, staff felt that customers were not engaging with that form of communication, and they felt limited by the amount of “space” available to provide information. As such, bill stuffers generally stopped, but occasional newsletters were prepared and sent. For the launch of this program, City Staff created a newsletter to take the place of bill stuffers.
- Flyers & Word of Mouth – City Staff developed flyers that were posted at public facilities throughout town as well as at local appliance retailers. Staff also spoke with retailers about the program in an effort let retailers help spread the word and incentivize customers who were considering these purchases opt for low-water use models.
- Newspaper Articles –SGM and City Staff worked with local reporter Mike McKibbin to publish two articles in the Citizen Telegram describing both rebate programs offered

## Final Report

as part of the Water Conservation Plan. Published articles ran in November 2011 and June 2012 and are provided in Appendix B.

- Partnering Efforts (Water2012 Campaign) – As discussed as part of Task 5 advertising, work conducted as part of the Water2012 overlapped with the City's efforts to advertise both rebate programs. Both rebate programs were also advertised through a local presentation and radio interview affiliated with the Water2012 Campaign.

### 5.3 Outcomes

The appliance rebate program was launched in November, 2011. Overall, the program was far more successful than the irrigation system rebate program. Seventy six customers applied for appliance rebates between November 2011 and May 2013 which included:

- 42 Toilet Replacements (of the 75 available)
- 34 Clothes Washer Replacements (of the 50 available)

The total rebate disbursement was \$7,572.

One applicant was denied because the purchased model was not *WaterSense* labeled and was greater than the maximum gallons per flush requirement.

Five applicants submitted "Intent to Purchase" forms that were approved but did not submit "Purchase and Installation" forms (would have been an additional 7 toilets).

#### Estimated Water Savings

Water bills were collected for a select group of customers who participated in the indoor appliance rebate program in 2011. Water usage records from January-March for 2009, 2010 and 2011 were compared to those customers' water usage records for the same months during 2012 and 2013. The results are provided in Tables 1 and 2.

**Table 3 Billed Water Use Reduction for Select Toilet Rebate Customers (Non-Irrigation Season)**

Customer ID	Average Monthly Water Use Jan-Mar (Gal/Mo)		% Water Use Reduction
	Pre- Toilet Rebate (2009/2010)	Post- Toilet Rebate (2012/2013)	
G	2,830	2,330	18%
H	3,780	4,000	-6%
I	3,000	2,170	28%
J	7,780	7,500	4%
Average			11%

**Table 4 Billed Water Use Reduction for Select Washer Rebate Customers (Non-Irrigation Season)**

Customer ID	Average Monthly Water Use Jan-Mar (Gal/Mo)		% Water Use Reduction
	Pre- Washer Rebate (2009/2010)	Post- Washer Rebate (2012/2013)	
K	17,000	10,300	39%
L	13,000	11,300	13%
M	5,220	3,830	27%
Average			26%

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## 5.4 Lessons Learned

Overall, this program was easier to set up, carry out and experienced greater success than that of the outdoor irrigation audit and rebate program. However, both programs have merit for different reasons. Unlike the Rifle RAIN program, this rebate program only addresses indoor water use. Targeting and reducing peak day demands was a primary goal of this water conservation plan and this program does not, necessarily, address those peak day demands. The merit of the program, however, is proven by its high participation among the utility's customers as compared to that of Rifle RAIN, which suggests that implementing the program is as much about utility public relations as it is about reducing water use.

Program setup was far simpler compared to that of Rifle RAIN program. For example, given the availability of certified product alternatives, qualified product lists were easy to find, review and make available. Additionally, contractor RFP and selection, contract document preparation, etc. was not a necessary step for this program. In-house inspectors could easily track and verify fixture or appliance installation without significant training.

Program management also proved to be far simpler compared to that of Rifle RAIN. Paperwork as well as equipment purchase and installation was the responsibility of the applicant rather than a contractor. Reviewing applications for rebate-eligible products was primarily done by the City Staff administrator as was rebate disbursement and program tracking.

Overall program success, based on customer participation, as compared to that of Rifle RAIN may be due to the following:

- Word of Mouth Advertising – Unlike Rifle RAIN, this program was supported by local product retailers. Customers were encouraged by vendors to buy within the rebate eligible product list not only for greater water savings but for rebate incentives and likely given targeted instruction about the program upon purchase.
- Wide range of Rebate-Eligible Models – Rebate eligible brands could easily be found at all local retailers. Additionally, the wide-range of models like gave applicants flexibility to select models that fit other criteria they may have had such as color, capacity, function, etc.
- Frequency of Use/Product Visibility – Unlike irrigation system controllers that, at best are only modified once a month, toilets and clothes washers are used daily or weekly by most households. As such, wear and tear may be greater such that replacement occurs more frequently. Or, desire for upgrade may simply be more likely because that equipment is more visible and readily used.

## Appendix A

### **Tasks 1, 2 and 4 Information** Draft Water Efficiency Ordinances



**CITY OF RIFLE, COLORADO**  
**ORDINANCE NO. \_\_**  
**SERIES OF 2012**

AN ORDINANCE OF THE CITY OF RIFLE, COLORADO AMENDING CHAPTER 4, ARTICLE III (PURCHASING), SECTION 16-3-640 (PLANNED UNIT DEVELOPMENT REVIEW CRITERIA), AND CHAPTER 16, ARTICLE XIII (LANDSCAPE GUIDELINES), OF THE RIFLE MUNICIPAL CODE AND ADDING A NEW SECTION 18-1-100 TO IMPLEMENT WATER AND ENERGY CONSERVATION MEASURES.

WHEREAS, the City of Rifle supports water and energy conservation and the adoption of sustainable building regulations, including required construction materials and practices, for the benefit of the City; and

WHEREAS, the City wishes to encourage the use of ENERGY STAR and WaterSense products and techniques and to implement, when fiscally responsible, related water and energy conservation standards in its purchasing policy; and

WHEREAS, the City Council wishes to implement the following water and energy conservation measures by approving the following revisions to Chapter 4, Article III (Purchasing), Section 16-3-640 (Planned Unit Development Review Criteria), and Chapter 16, Article XIII (Landscape Guidelines) of the Rifle Municipal Code ("RMC") and by adopting a new RMC Section 18-1-100.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF RIFLE, COLORADO, THAT:

Section 1. The foregoing recitals are incorporated herein as if set forth in full.

Section 2. Chapter 4, Article III of the Rifle Municipal Code, "Purchasing," is hereby amended to read as follows, with additions shown in bold, double underlined text.

**Chapter 4**  
**Revenue and Finance**

**Article III**  
**Purchasing**

**4-3-10. Purpose.**

The purpose of this Article is to prescribe the purchasing procedure that the City will follow in contracting for or constructing public works, purchasing tangible property and insurance policies, and obtaining consulting services. **The City will strive to incorporate water and energy conservation standards as outlined herein in the procedure for City purchases**

**and installation of new or replacement plumbing fixtures and appliances.** The City Council adopts these rules and regulations pursuant to Section 13.9 of the City Charter.

**4-3-20. Definitions.**

The following words and phrases, as used in this Article, shall have the meanings set forth below.

\* \* \*

**ENERGY STAR products means products labeled as such under [www.energystar.gov/index](http://www.energystar.gov/index).**

**WaterSense products means products found at [www.epa.gov/watersense/product](http://www.epa.gov/watersense/product).**

**4-3-30. General powers and duties of purchasing agent.**

\* \* \*

(b) The Purchasing Agent's general duties and powers are as follows:

\* \* \*

**(8) As is fiscally responsible, strive to purchase only those plumbing fixtures and appliances with labels reading “WaterSense” and “ENERGY STAR” to promote water and energy conservation.**

Section 3. Subsection (c)(5) of RMC Section 16-3-640 is hereby repealed in its entirety and readopted to read as follows.

**16-3-640. Review criteria.**

\* \* \*

(c) Description of review criteria:

\* \* \*

(5) Resource efficiency and renewable energy. PUDs shall adopt measures that decrease the amount of water, energy or waste that households or businesses generate. PUDs shall incorporate the following:

a. Residential buildings shall meet Energy Star for New Homes standards or a standard that offers equivalent energy savings.

b. Commercial buildings shall meet ASHRAE 90.1 standards, or a standard with equivalent energy savings.

c. Water conservation principles shall be incorporated into landscaping. At a minimum, the landscaping requirements in Section 16-13-100 for standard development shall be followed. Residential PUDs in particular shall develop stronger standards for residential landscaping than those established in the Code. PUD landscaping standards should be designed by a landscape architect to follow the principles of xeriscaping. The concept of xeriscape was developed in Denver and refers to an attractive landscape that uses little supplemental water; it does not refer to a dry, barren, no-maintenance landscape without irrigation. The xeriscape concept promotes water conservation in landscape design to produce landscapes within a semi-arid climate that can have native grasses, seasonal interest, flowers, and greenery. Xeriscaping incorporates seven water conserving principles:

1. Design. The water conserving landscape requires careful attention to designing with varying water requirements. Designing with diverse areas of water demands is called “hydrozoning.”

2. Irrigation. Irrigation is necessary to effectively establish the landscape and to maintain plant life that requires supplemental water on a regular or periodic basis, or in periods of drought. Watering deeply and less frequently will typically result in plants that are deeper rooted and more drought tolerant.

3. Soil Preparation. Soil preparation is very important to the success of the landscape. Adding organic material (compost) results in soils that will hold moisture longer. Loosening the soil (rototilling) provides water and air infiltration for improved root development.

4. Mulch. Mulch covers bare soil, reducing evaporation, soil temperature and erosion. This improves plant growth and assists in reducing weeds and their competition for water and nutrients. Mulch also makes weeding easier to perform.

5. Appropriate Use of Turf. Careful consideration of where turf is desired and type of grass used is a major component of xeriscaping. Determine the function of turf in the proposed landscape, and then consider the various grasses, suitability for active use, growth habits, and maintenance requirements.

6. Use of Low Water Plants. Careful plant selection and grouping based upon water requirements, with the goal of conserving water, can result in a landscape design of great beauty and interest. Xeriscaping has increased the popularity of many plants that do not require significant levels of water.

7. Maintenance. All landscapes require regular and periodic maintenance. Replacement of mulches, weeding, pruning, mowing, and irrigation adjustment are routine requirements of both the xeriscape and traditional landscape.

Section 4. Chapter 16, Article XIII of the Rifle Municipal Code, "Landscape Guidelines," is hereby amended to read as follows, with additions shown in bold, double underlined text and deletions in strike-through text.

**16-13-30. Scope and applicability.**

(a) The provisions of this Article shall apply to all new construction of **single family housing**, multi-family housing, commercial development, public/civic, light industrial, and industrial development.

(b) Existing or nonconforming landscapes. Landscapes installed prior to the effective date of the ordinance codified in this Article, and not in compliance herewith, shall be regarded as nonconforming landscapes that may continue as long as the landscapes are properly maintained in conformance with the other ordinances of the City. If uses or buildings regulated by this Article are reconstructed, remodeled or added to where the alteration will affect more than fifty percent (50%) of the building's gross floor area, or where more than fifty percent (50%) of the building's lot will be impacted, landscaping shall be updated to meet all applicable code requirements in effect at that time.

**16-30-70. Landscape Treatment Area.**

The landscape treatment area shall include all areas of the site not covered by structures, bodies of water, streets, roads, driveways, sidewalks, plazas, patios, parking areas and other vehicle use areas. ~~Landscape treatment area may include the following:~~

~~(1) — Turf grass: Turf grass shall be limited to a maximum of fifty percent (50%) of the total landscape treatment area.~~

~~(2) — Planting beds: Trees, shrubs, vines and groundcover planting beds containing plants of all descriptions, excluding weeds and other unkempt vegetation. Planting beds shall be separated from grass areas and shall be covered with a minimum of two (2) inches of mulch.~~

~~(3) — Hardscape: Landscape areas may also include by way of example, but not by way of limitation, the following areas: plazas, patios, decks, basketball courts, pools, tennis courts, playgrounds or similar recreational areas or uses. Vehicle drive or parking areas shall not be considered hardscape.~~

**16-13-100. General Landscaping Requirements.**

Landscaping is required for each type of land use as described below:

**(1) Single-family. Soil amendments shall be added to all landscape treatment areas, as described in Section 16-13-70, except for desert plantings. Organic material can include but is not limited to, manure and compost. Alternatively, landscape areas may be planted with wood chips or bark at least two inches (2") deep.**

~~(1) Multi-family. The entire landscape treatment area, as described in Section 16-13-70, shall be landscaped according to the following requirements:~~

~~a. One (1) tree per every six hundred (600) square feet, or fraction thereof, of landscaped area.~~

~~b. One (1) shrub per every two hundred (200) square feet, or fraction thereof, of landscaped area.~~

~~c. At least two (2) different shrub types are required, provided that the required landscaped area is greater than two hundred (200) square feet.~~

~~d. At least seventy-five percent (75%) of the landscape treatment area must be covered by living plant material. Tree canopies may not be included in factoring the coverage area.~~

~~e. A maximum of fifty percent (50%) of the total landscape treatment area may be covered with turf.~~

**(2) Multi-family, commercial, public/civic, light industrial, industrial. The entire landscape treatment area, as described in Section 16-13-70, shall be landscaped according to the following requirements.**

**a. For every five hundred (500) square feet, or fraction thereof, of the required landscape area, one (1) tree is required. Up to twenty-five percent (25%) of the required number of trees may be replaced by No. 5 container shrubs at the rate of one (1) tree equals ten (10) shrubs.**

**b. For every two hundred fifty (250) square feet, or fraction thereof, of the required landscape area, one (1) shrub a minimum of a No. 5 container in size is required. Up to fifty percent (50%) of the required number of shrubs may be replaced by two-inch-caliper trees at the rate of ten (10) shrubs equals one (1) tree.**

**c. At least two (2) different shrub types are required, provided that the required landscaped area is greater than two hundred fifty (250) square feet.**

d. At least seventy-five percent (75%) of the landscape treatment area must be covered by living plant material or organic mulches. Tree canopies may not be included in factoring the coverage area.

e. A maximum of fifty percent (50%) of the total landscape treatment area may be covered with turf.

f. A two inch (2") layer of soil amendment shall be added to all landscape areas. Organic material can include, but is not limited to, manure and compost. Alternatively, beds may be planted with wood chips or bark at least two inches (2") deep. Stone shall be allowed in low water use zones.

g. Irrigation in high-water hydrozones, such as turf, shall have irrigation controls that include timed devices. Timers shall have night time activation and a rainfall shutoff device.

h. All irrigation systems shall be audited by a certified irrigation professional, and an audit report shall be submitted to the City. The audit shall include inspection of leaks, runoff/overspray, distribution uniformity, and required irrigation controllers and methods.

i. The landscaping plan shall group landscaping into hydrozones based on water requirements of plants.

1. High hydrozones shall be less than 50% of landscape area and are classified by plantings that will generally require 18 inches/square foot of supplemental water per year. Plants in this zone generally need this high level of water to thrive. Irrigation methods in this zone will typically be spray or rotor heads. Bluegrass turf is a typical grass in this zone.

2. Moderate hydrozones are classified by plantings that generally require 10 gallons/square foot of supplemental water per year. Plants in this zone generally need this level of water to thrive. Irrigation methods in this zone will typically be spray heads. Turf-type tall fescue is a typical grass in this zone.

3. Low hydrozones are classified by plantings that generally do not require more than 3 gallons/square foot of supplemental water per year. Plants in this zone generally need lower levels of water to thrive. Although plants in this zone may grow with minimal use of supplemental water, in times of plant establishment or drought these low water use plants benefit from controlled, supplemental watering. Irrigation methods in this zone will typically be micro-spray or drip. Buffalo grass is a typical grass in this hydrozone.

Section 5. A new Section 18-1-100 of the Rifle Municipal Code is hereby adopted to read as follows.

**18-1-100. WaterSense and ENERGY STAR products required.**

All appliances and fixtures that are installed by a builder in the City shall meet the following standards.

(1) All toilets and urinals shall be WaterSense labeled. A list of WaterSense products can be found at:

[www.epa.gov/watersense/product\\_search.html](http://www.epa.gov/watersense/product_search.html).

(2) All faucets shall be WaterSense labeled bathroom sink faucets or faucet accessories (e.g., aerators). A list of WaterSense products can be found at:

[www.epa.gov/watersense/product\\_search.html](http://www.epa.gov/watersense/product_search.html).

(3) Dishwashers shall be ENERGY STAR qualified. A list of qualified dishwashers can be found at:

[www.energystar.gov/index.cfm?fuseaction=dishwash.search\\_dishwashers](http://www.energystar.gov/index.cfm?fuseaction=dishwash.search_dishwashers).

(4) Clothes washers shall be ENERGY STAR qualified with a water factor (WF) of less than or equal to 6.0 gallons of water per cycle per cubic foot of capacity. A list of qualified clothes washers can be found at:

[www.energystar.gov/index.cfm?fuseaction=clotheswash.search\\_clotheswashers](http://www.energystar.gov/index.cfm?fuseaction=clotheswash.search_clotheswashers).

INTRODUCED on \_\_\_\_\_, 2012, read by title, passed on first reading, and ordered published by title as required by the Charter.

INTRODUCED a second time at a regular meeting of the Council of the City of Rifle, Colorado, held on \_\_\_\_\_, 2012, passed without amendment, approved, and ordered published in full as required by the Charter.

Dated this \_\_\_\_ day of \_\_\_\_\_, 2012.

CITY OF RIFLE, COLORADO

BY \_\_\_\_\_  
Mayor

ATTEST:

\_\_\_\_\_  
City Clerk



Final Report

## Appendix B

### **Task 5 Information**

Audit Paperwork  
Request For Proposal  
Advertising



Rifle RAIN

## Irrigation Site Inspection Worksheet

Record number of defects for each zone or checkmark zone problems.

Leave blank if no problem exists.

Address:

Acct#:

Homeowner:

Date:

Controller Brand &amp; Model:

Inspector Initials:

System Pressure:									
Station/Zone Number:									
Sprinkler Brand:									
R= Rotor, S=Spray, D=Drip									
Plant Type:									
<b>Observed Problems:</b>									
Flow Per Zone:									
Valve operation									
Pressure: H=High / L=Low									
Plugged Equipment									
Tilted Heads									
Sunken Heads									
Inappropriate Nozzles									
Missing/Broken Heads									
Missing/Broken Emitters									
Damaged Emitter Tubing									
Arc Adjustment Needed									
Spray Adjustment Needed									
Spray Patten Obstruction									
Leaky Seals or Fittings									
Low Head Drainage									
Lateral Line Leaks									
Compaction/Runoff									
Slope Considerations									
Slow Drainage or Ponding									
Suggested Mowing Height									
Other:									



List repairs and estimated cost in order of urgency

Date:

**Inspector Initials:**

Notes:

1. Auditor to note those improvements which are deemed to be CRITICAL to achieving water savings. No notation is necessary if improvements represent a "good practice" but would not otherwise result in meaningful reduction to irrigation system water use
2. Any single improvement identified in the audit as having an estimated cost of improvement that is greater than \$200, including materials and labor, the contractor shall identify those items during the audit and in the cost estimate provided to the participant as "Greater Than \$200"



Rifle RAIN

Acct#:

AREA MAP

Homeowner:

A large, empty rectangular box with a black border, intended for the area map and other details.

Indicate North on Drawings



## CITY OF RIFLE IRRIGATION PROGRAM SHEET

<b>HOMEOWNER:</b>		<b>Water</b>	<b>ACCT#:</b>	<b>Start</b>	<b>Total Run Time</b>
		<b>Zone: Time:</b>	<b>Zone Description:</b>	<b>Times:</b>	<b>Per Zone:</b>
<b>DATE:</b>		<b>1</b>		<b>1</b>	
<b>CONTROLLER:</b>		<b>2</b>		<b>2</b>	
<b>PROGRAM:</b>	<b>A B C D</b>	<b>3</b>		<b>3</b>	
	<b>1 2 3 4</b>	<b>4</b>		<b>4</b>	
<b>% BUDGET:</b>		<b>5</b>		<b>5</b>	
		<b>6</b>		<b>6</b>	
		<b>7</b>			
		<b>8</b>			
		<b>9</b>			
<b>CIRCLE IRRIGATION DAYS:</b>		<b>0</b>			
		<b>1</b>			
<b>1 2 3 4 5 6 7</b>		<b>2</b>			
		<b>3</b>			
<b>S M T W T F S</b>		<b>4</b>			
		<b>5</b>			
<b>8 9 10 11 12 13 14</b>		<b>6</b>			
		<b>7</b>			
////////////////////		<b>8</b>			
		<b>9</b>			
<b>CIRCLE MOWING DAYS:</b>		<b>0</b>			
			List controller accessories, brand, model, etc.:		
<b>S M T W T F S</b>					

<b>Total Run Time Per Cycle:</b>	
<b>Total Run Time Per Watering Day:</b>	
<b>Total Run Time Per Week:</b>	

<b>Controller Adjustment: % Water Budget:<sup>i</sup></b>
---

Month:	April	May	June	July	Aug.	Sept.	Oct.
%	54%	74%	96%	100%	88%	67%	43%

<sup>i</sup> CSU fact Sheet: " Home Sprinkler Systems: Using your Sprinkler Controller's Seasonal Percentage Adjust or Water Budget Feature to Water Established Cool-Season Lawns: Rifle Colorado"



*Rifle RAIN*

## **Rebates and Audits for Irrigation Networks Program**

### **Request for Proposals**

#### **I. ADMINISTRATIVE INFORMATION**

- A. Issued By:** This Request for Proposals (RFP) is issued by the **City of Rifle**, hereinafter referred to as the “Owner.”
- B. Obtaining RFPs:** RFP documents may be obtained from the Utility Department, 202 Railroad Avenue, Rifle, CO 81650, or by contacting Kristin Fitzsimmons at (970) 665-6555 or [kfitzsimmons@rifleco.org](mailto:kfitzsimmons@rifleco.org).
- C. Scope:** This RFP contains the instructions governing the Proposals to be submitted and the materials to be included therein as well as mandatory requirements, which anyone wishing to submit a proposal (hereinafter, “Proposer,” or after a Proposer is selected by the Owner, the “Contractor”) must meet to be eligible for consideration and other requirements to be met by a Proposer.

As detailed in the RFP, the work is to consist of conducting up to sixty (60) residential irrigation audits and performing audit-identified improvements. The work will also include installing and programming up to forty (40) Owner-specified irrigation system controllers.

This RFP contains four sections of information and requirements governing the process by which a Proposer will be selected for the work.

The four sections of information and requirements for the RFP are as follows:

- I. Administrative Information
  - II. Scope and Project Information
  - III. Submittal Requirements
  - IV. Selection Process and Criteria
- D. Invitation:** The Owner is requesting all qualified Proposers interested in performing this project to submit a project proposal in accordance with this RFP.
- E. Inquiries:** Prospective Proposers may make inquiries concerning this RFP to obtain clarification of requirements. All inquiries will be made in writing. No inquiries will be accepted after April 22, 2011.

Inquires can be directed to: Shannon Ullmann, P.E., 118 West 6<sup>th</sup> Street, Suite 200, Glenwood Springs, CO 81601; phone (970) 945-1004; e-mail: [shannonu@sgm-inc.com](mailto:shannonu@sgm-inc.com).

**F. Schedule:**

RFPs available	Apr. 8, 2011
Deadline for Questions	Apr. 22, 2011
Final Addenda (if needed)	Apr. 28, 2011
Proposals due	May. 5, 2011, 2:00 p.m.
Owner evaluation of Proposals	May. 5-12, 2011
Interviews (if needed)	May. 12-19, 2011
Notice of Award	May. 26, 2011
Start of Services	May 30, 2011
Contract Completion Date	October 11, 2011

- G. Submittals:** Submittals of the Proposals are due at the City Hall no later than May 5, 2011 at 2:00 p.m. Late submittals will not be accepted. Five (5) copies of the Proposals containing the information required to meet the submittal requirements should be sealed in a single package, marked “**Proposal**.” The following information shall be displayed on the outside of the sealed package:

1. Proposer's Name
2. RFP – RAIN

Proposal package should be delivered to:

City of Rifle  
Attn. Tom Whitmore, Parks Director  
202 Railroad Avenue  
Rifle, Colorado 81650

- H. Late Proposals:** Late Proposals will not be accepted. It is the responsibility of each Proposer to ensure that the Proposal arrives prior to the date and time stated in this RFP.
- I. Acceptance Time:** The Owner intends to review the Proposals within the time frame noted under the Project Schedule, but does not intend to exceed

60 calendar days after the closing date for receipt of Proposals. Upon selection, the Owner will issue a letter of intent to award and a contract must be completed and signed by all parties concerned, bonds provided and insurance certified within ten business days of issuance of the letter of intent. If this date is not met and the delay is not the fault of the Owner, the Owner may elect to cancel the Notice of Award and award the selection to the next most responsive Proposer. The Owner reserves the right to incorporate standard contract provisions into any contract resulting from acceptance of a Proposal submitted in response to the RFP.

- J. Rejection of Proposals:** The Owner reserves the right to reject any or all Proposals, to waive informalities and minor irregularities in Proposals received and to accept any portion of the Proposals or all items of the Proposals if deemed in the best interest of the Owner to do so.
- K. Proprietary Information:** Any restrictions on the use of data contained within a Proposal must be clearly stated in the Proposal itself and those portions marked "Confidential." Proprietary Information submitted in response to this RFP will be handled in accordance with applicable Procurement Regulations and State Open Records Laws. Entire Proposals may not be declared as Confidential.
- L. Response Materials Ownership:** All materials submitted to Owner in response to this RFP become the property of the Owner and will only be returned to the Proposer at the Owner's option. Any person may review responses after the final selection has been made. The Owner reserves the right to use any or all ideas presented in the reply to this request, subject to the limitations outlined in the section on Proprietary Information above. Disqualification of a Proposer does not eliminate this right.
- M. Costs:** The Owner is not liable for any cost incurred by the Proposers prior to issuance of an agreement, contract or purchase order.
- N. Acceptance of Proposal Content:** The contents of the Proposal of the successful Proposer will become contractual obligations if contractual agreement action ensues. Failure of the successful Proposer to accept these obligations in a purchase agreement, purchase order, contract, delivery order or similar acquisition instrument (together all hereinafter referred to as the "Contract") may result in cancellation of the award and such Proposer may be removed from future solicitations.
- O. Award of Proposal:** The Contract will be awarded to that Proposer who's Proposal, conforming to the RFP, will be the most advantageous to the Owner, price and other factors considered.
- P. Ownership of RFP and Contract Products:** All products produced in response to the RFP and Contract resulting from this RFP will be the sole



property of the Owner.

- Q. Termination:** The Owner shall, at any time, have the right to terminate the Contract for convenience upon giving fourteen days written notice to the awarded firm. Unless otherwise provided for in the Contract, in the event of early termination, the awarded firm shall be entitled to the full amount of the approved estimate of services satisfactorily completed.
- R. Governing Law:** The laws of the State of Colorado shall govern any contract executed between the successful consultant and the Owner. Further, the place of performance and transaction of business shall be deemed to be in the County Garfield, State of Colorado. In the event of litigation, the exclusive venue and place of jurisdiction shall be the State of Colorado, and more specifically, Garfield County, Colorado.
- S. News Releases:** Proposers shall make no news releases pertaining to this RFP without the express written approval of the Owner.
- T. Insurance:** The awarded Proposer will be required to provide a Certificate of Insurance or other proof of insurance naming the Owner as "additional insured". Coverage must include Commercial General Liability coverage with minimum limits for bodily injury of \$1,000,000 per person, \$2,000,000 per incident, for property damage of \$1,000,000 per occurrence, \$2,000,000 aggregate and Worker's Compensation and Employer's Liability coverage with limits in accordance with State of Colorado requirements.
- COMPREHENSIVE AUTOMOBILE LIABILITY with minimum limits for bodily injury and property damage coverage of at least the liability limits under the law of the State of Colorado, (now TWO HUNDRED FIFTY THOUSAND [\$250,000] per each person, property damage FIVE HUNDRED THOUSAND [\$500,000] per each occurrence and combined SIX HUNDRED THOUSAND DOLLARS [\$600,000] per each occurrence), plus an additional amount adequate to pay related attorneys' fees and defense costs, for each of Proposer's owned, hired or non-owned vehicles assigned to or used in performance of this Contract.
- U. Standard Contract:** The Owner's standard contract is included in this RFP (**Appendix A**). Any exceptions to the standard contract must be submitted in writing with the Proposal. Exceptions to the contract may lead to your Proposal being rejected.
- V. Contract Obligations:** Contract obligations will also include all work defined under Scope of Services as found in this RFP. In addition, work not specifically called out, but indicated as provided in the proposals shall become contract obligations.

## II. SCOPE AND PROJECT INFORMATION

- A. **Introduction:** The Owner has been awarded a grant through Colorado Water Conservation Board (CWCB) to launch an audit and rebate program for residential outdoor irrigation efficiency improvements.
- B. **Goals of this Project:** The goal of this program is to increase outdoor irrigation water use efficiency by existing Rifle Utility Department residential water customers. The program will help existing water customers acquire tools to help them control their water bills. It will also help the City defer and possibly reduce the size and cost of future potable water delivery infrastructure projects.
- C. **Project Description:**

The Owner intends to provide existing Rifle residential homeowners with free audits of their irrigation systems, and rebates if the homeowner decides to proceed with implementing improvements that are identified during the audit process. In addition, the Owner intends to provide rebates to a limited number of homeowners (selected by the Owner) that will be applied towards purchase and installation of irrigation system controllers.

The Owner will collect audit and rebate program participation applications from interested residential customers beginning April 1, 2011. The Owner will then select up to 60 applicants to participate in the program. The Owner envisions classifying participants into three rebate eligibility groups of twenty (20) participants each. As provided in the Bid Schedule under "EST. QTY," under a full participation (60 participants) scenario, the contractor's work will be defined as: conducting irrigation audits and improvements for all sixty (60) participants, defined in Group #1, #2 and #3 below, installing irrigation system controllers for forty (40) participants defined in Group #2 and #3 below, and installing weather stations for twenty (20) participants defined in Group #3 below. Under a 50% participation scenario, the contractor's work will be defined as: conducting irrigation audits and improvements for thirty (30) participants, defined in Group #1, #2 and #3 below, installing irrigation system controllers for twenty (20) participants defined in Group #2 and #3 below, and installing weather stations for ten (10) participants defined in Group #3 below.

A detailed description of each group is provided for clarity:

Group #1: Twenty (20) participants will receive a free irrigation audit and a rebate up to 50% of the total cost (up to a maximum of \$100) to make audit-recommended irrigation system improvements. The participant is responsible for the cost of the improvements above the rebate amount.

Group #2: Twenty (20) participants to receive free irrigation audit, a rebate up

to 50% of the total cost (up to a maximum of \$100) to make audit-recommended irrigation system improvements and a rebate of \$100 toward the supply, installation, startup and training for a new, Owner-selected irrigation controller (**Appendix D**). The participant is responsible for improvements and controller costs above the rebate amount.

Group #3: Twenty (20) participants to receive free irrigation audit, a rebate up to 50% of the total cost (up to a maximum of \$100) to make audit-recommended irrigation system improvements and a rebate of \$200 toward the supply, installation, startup and training for a new, Owner-selected weather-based (i.e. "Smart") irrigation controller (**Appendix D**). The participant is responsible for improvements and controller costs above the rebate amount.

Owner-selected standard irrigation controller equipment is provided in **Appendix D**.

The selected Contractor will enter into an agreement with the Owner to perform the tasks identified in Section D. The selected Contractor will be responsible for conducting audits with guidance provided by Jared Kerst (a local Irrigation Association-certified irrigation system auditor; 970-945-2568, who will attend the first five audits), identifying irrigation system deficiencies and recommended improvements, performing audit-recommended improvements, installing and programming irrigation system controllers, and training participants in controller use. A narrative of task sequence is provided below and outlined in Section D.

The Owner will provide the Contractor with a list of the selected participants for each rebate eligibility group and their application information. The Contractor will coordinate directly with program participants to arrange visits for completion of audits and related work. Upon completion of each audit, the Contractor will provide the Owner with all audit documentation, including recommended improvements, cost for improvements and homeowner approval of the work.

As specified in the Audit form (**Appendix C**), for any single improvement identified in the audit as having an estimated cost of improvement that is greater than \$200, including materials and labor, the contractor shall identify those items during the audit and in the cost estimate provided to the participant as "Greater Than \$200".

The Owner will review the documentation and give final authorization for approval or denial of rebates for irrigation system improvements, upgrades or work to be performed for all participants.

The Contractor will conduct irrigation system improvements, controller installation, programming and training for all homeowners and collect

payment from each homeowner less the applicable rebate amount. The Contractor will then submit notice of work completion to the Owner, and a copy of all receipts for homeowner payment. The Owner will then make final rebate payment to the Contractor.

The Owner will provide the Contractor with the participant list on May 30, 2011. Contractor will have until July 29, 2011 (60 days) to conduct audits and provide to the Owner completed audit documentation, recommended improvements, costs and homeowner approval for all participants. Documentation will be collected, reviewed and approved on or before August 12, 2011 (within 14 days of document submission). The Contractor will have until October 11, 2011 (60 days) to complete all remaining work specified in this RFP.

**D. Scope of Services:** The services to be provided by the Contractor shall include the following:

**Task 1: Conduct irrigation system audit**

1. Contractor to contact participants and set up time to conduct an audit of the participants' irrigation system
2. Contractor to conduct audit (see **Appendix C** for Audit Form)
3. Contractor to identify improvement recommendations and provide cost estimate to participant at end of audit
4. Contractor to submit the following documentation to the Owner and the participant:
  - o Completed Audit Form
  - o Identified Improvements and Costs
  - o Participant Approval/Rejection of Improvements (signed original to the Owner)

**Task 2: Obtain approved task list from the Owner**

1. Contractor to obtain list of approved rebates for improvements and controller installation from the Owner for each participant
2. Contractor to schedule time with each participant to conduct improvements and controller installation/training

**Task 3: Install and program controllers and train participant**

1. Contractor to conduct Owner-approved improvements and controller installation
2. Contractor to program each new controller
3. Contractor to train each participant that receives a new controller on operation, programming and troubleshooting
4. Contractor to collect payment minus rebate amount from each participant
5. Contractor to submit notice of work completion with participant written approval and copies of participant payment receipts to Owner for final rebate payment

### III. SUBMITTAL REQUIREMENTS

**A. Qualifications:** The Qualifications must include the following:

1. Proof of a Contractor's License with the City of Rifle.
2. A description of the Contractor's company, including type of business (corporation, partnership, etc.) and names of owners or chief officers.
3. A summary of the Contractor's experience in conducting irrigation system audits and/or inspections, installing and/or improving irrigation systems, and installing, programming, and/or providing training for automatic irrigation controllers, especially with weather stations and of the type approved by the Owner.
4. A list of clients for whom the Contractor has provided these types of services. The list shall note the years the service was provided and include a name and telephone number of a contact person for each client who has direct knowledge of the Contractor's performance and work record.
5. Copies of insurance certificates that demonstrate the Contractor can meet the requirements outlined in Section I or proof, such as a commitment from an insurer, that the Contractor shall be able to obtain such insurance.
6. The names of key personnel and roles, who will be involved with the project, including management, administrative, project manager and operating personnel and applicable certifications of each.
7. A list or description of any proposed contract conditions that the Contractor would require the Owner to meet in order to provide services.
8. A sufficiently descriptive summary of any additional irrigation-related services or qualifications that the Contractor believes would be of value to the Owner in considering the proposal.

**Price Proposal:** Bidders will submit a price proposal as part of this RFP as identified in the Bid Schedule provided in **Appendix B** and described below for each Section A, B and C. For Section D, bidders will also include a Labor Rate Schedule to fulfill the requirements identified in Section D of the Bid Schedule which will be used for evaluating unit cost estimates for improvements not identified in Section C.

In the event that the Owner approves fewer than sixty (60) applications for rebate program participation, the Owner will pay the Contractor for the work using unit costs for the individual line items from either Section A or Section B, based upon which Section's line item quantity is closest to the actual number of participants.

- Section A – Base Bid Schedule – Full Participation: unit and total bid prices for all work required to conduct audits and improvements, and install irrigation

controllers (Hunter Pro-C) and controllers with weather stations (Hunter Pro-C with Solar Sync) based on full participation as identified by the number of participants indicated.

- Section B – Base Bid Schedule – 50% Participation: unit and total bid prices for all work required to conduct audits and improvements, and install irrigation controllers (Hunter Pro-C) and controllers with weather stations (Hunter Pro-C with Solar Sync) based on half (50%) the anticipated participation as identified by the number of participants indicated.
- Section C – Miscellaneous Irrigation System Improvements: unit bid prices for each irrigation system improvement. These unit bid prices shall include cost of materials and labor.
- Section D – Labor Rate schedule: bidder shall attach a separate document identifying
  - Labor categories
  - Type of work to be conducted by personnel within each category
  - Hourly rate for each category

#### **IV. SELECTION PROCESS AND CRITERIA**

- A. Selection Process:** An evaluation committee will open and review all of the submittals, simultaneously. The Owner will review the submittals for qualifications and proposed price. Primary and secondary preference will be given to contractors when determining the lowest responsible Proposer for work on this project. Local contractors, who have a principal place of business, are 1) for primary preference, within the City of Rifle or within three miles of the City Limits and 2) for secondary preference, outside of the three mile limit, but within Garfield County. To determine the lowest bidder, an amount equal to the percentage shown below will be deducted from the total price proposed for the work. The contract however, will be awarded for the total amount proposed.

Contract Amount	Primary Preference	Secondary Preference
\$5,000 to \$25,000	6% discount	3% discount
\$25,001 to \$100,000	5% discount	2.5% discount

The Owner will select a single contractor based both on price and on the Contractor's ability to effectively provide the services identified in the Scope of Work as demonstrated by the identified qualifications, experience, references, certifications and interviews, if needed. The contract will be awarded for either 60 or 30 participants depending on total number of participants requesting an audit.

The Owner shall be sole judge in determining, either prior to or after negotiations, whether a proposal is deemed acceptable. Further, the Owner shall be sole judge in determining when negotiations are concluded.

## Appendix A – Standard Contract

## AGREEMENT

THIS AGREEMENT is dated as of the \_\_\_\_\_ day of \_\_\_\_\_ in the year \_\_\_\_\_, by and between the City of Rifle, 202 Railroad Avenue, Rifle, Colorado 81650 (hereinafter called Owner) and \_\_\_\_\_ (hereinafter called Contractor).

WITNESSETH: Owner and Contractor, in consideration of the mutual covenants hereinafter set forth, agree as follows:

### ARTICLE 1 - WORK

- 1.01 Contractor shall at its own cost and expense furnish all labor, services, tools, materials, equipment and incidentals necessary to complete all Work as specified or indicated in the Request for Proposals. The Work is generally described in Article 2 below.

### ARTICLE 2 - PROJECT

- 2.01 The Project for which the Work under the Contract Documents may be the whole or only a part is generally described as follows:

Provide existing Rifle residential homeowners with irrigation system audits, implement audit-identified improvements and install irrigation system controllers.

### ARTICLE 3 - ENGINEER

- 3.01 Any reference to Engineer herein shall mean the Owner.

### ARTICLE 4 - CONTRACT TIMES

- 4.01 Time of the Essence

- A. All time limits for Milestones, if any, Substantial Completion and completion and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.

- 4.02 Dates for Substantial Completion and Final Payment

- A. The Work will be completed and ready for final rebate payment on or before October 11, 2011.

- 4.03 Liquidated Damages

- A. Owner and Contractor recognize that time is of the essence of this Agreement and Owner will suffer financial loss, apart from the costs described in Paragraph 4.04.A, if the Work is not completed within the time specified in Paragraph 4.02.A for Completion, plus any extensions thereof allowed. Owner and Contractor also recognize the delays, expense and



difficulties involved in proving in a legal or arbitration proceeding the actual loss suffered by Owner if the Work is not substantially completed on time. Accordingly, instead of requiring any such proof, Owner and Contractor agree that as liquidated damages for delay (but not as a penalty) Contractor shall pay Owner \$500 for each day that expires after the time specified in Paragraph 4.02.A for Substantial Completion (adjusted for any changes thereof made in accordance with Article 12 of the General Conditions) until the Work is substantially complete.

#### 4.04 Special Damages

- A. In addition to the amount provided for liquidated damages, Contractor shall pay Owner the actual costs reasonably incurred by Owner for inspection forces employed for the Work for each day that expires after the date specified in Paragraph. 4.02.A for Completion (adjusted for any changes thereof made) until the Work is complete.
- B. After the Completion date, if Contractor shall neglect, refuse or fail to complete the remaining Work within the Contract Time or any proper extension thereof granted by Owner, Contractor shall pay Owner the actual costs reasonably incurred by Owner for any remaining work to be performed including collection of payment for each day that expires after the time specified in Article 3 for Work to be completed and ready for final payment (adjusted for any extensions thereof made) until the Work is completed and ready for final payment.

4.05 Owner may deduct liquidated damages and special damages as determined by the provisions of this Article 4.03 from progress payments due Contractor under this Agreement.

### ARTICLE 5 - CONTRACT PRICE

5.01 Owner shall pay Contractor, in current funds, for completion of the Work in accordance with the Contract Documents in accordance with Sections 2.28 and 2.29 of the City of Rifle's Public Works Manual.

### ARTICLE 6 - PAYMENT PROCEDURES

#### 6.01 Participant Payment:

- A. Upon completion of Task 3 for each participant, Contractor will collect Participants' written approval of work completion and full payment less rebate amount.

#### 6.02 Owner Payment:

- A. Upon completion of all audits, contractor shall submit audit paperwork to the Owner. Owner will then distribute rebate payment for all audits for the amount of unit price per participant submitted as part of Item 1 or Item 5 in the Bid Schedule (**Appendix B**), whichever is closest to the actual number of participants.

- B. Upon final completion and acceptance of the Work, Owner shall pay the Contractor the Rebate Price (up to \$100 for group 1, up to \$200 for group 2, up to \$300 for group 3) for irrigation system improvements and irrigation system controller installation and programming based on the number of participants and the Contractor's bid submitted in Sections A and B of the Bid Schedule (**Appendix B**) and as recommended by Engineer as provided in Section 2.31 of the City of Rifle's Public Works Manual. Contractor is responsible for collecting amount due for work above the rebate amount from each participant.

#### ARTICLE 7 - INTEREST

- 7.01 All moneys not paid when due hereunder shall bear interest in accordance with Section 2.31 of the City of Rifle's Public Works Manual.

#### ARTICLE 8 - CONTRACTOR'S REPRESENTATIONS

- 8.01 As part of the inducement for Owner to enter into this Agreement Contractor makes the following representations:
  - A. Contractor has examined and carefully studied the Contract Documents.
  - B. Contractor has visited the Site and become familiar with and is satisfied as to the general conditions that may affect cost, progress, and performance of the Work.
  - C. Contractor is familiar with and is satisfied as to all federal, state and local Laws and Regulations that may affect cost, progress and performance of the Work.
  - D. Contractor does not consider that any further examinations, investigations, explorations, tests, studies or data are necessary for the performance of the Work at the Contract Price, within the Contract Times and in accordance with the other terms and conditions of the Contract Documents.
  - E. Contractor is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Contract Documents.
  - F. Contractor has correlated the information known to Contractor, information and observations obtained from visits to the Site, reports and drawings identified in the Contract Documents and all additional examinations, investigations, explorations, tests, studies and data with the Contract Documents.
  - G. Contractor has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Contractor has discovered in the Contract Documents and the written resolution thereof by Engineer is acceptable to Contractor.

- H. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work.

#### ARTICLE 9 - CONTRACT DOCUMENTS

9.01 The Contract Documents consist of the following:

- A. This Agreement (\_\_\_\_\_ pages).
- B. Request for Proposals
- C. The following, which may be delivered or issued on or after the Effective Date of the Agreement, and are not attached hereto:
  - 1. Notice to Proceed
  - 2. Work Change Directives
  - 3. Change Order(s)

9.02 The documents listed in Paragraph 9.01 above are attached to this Agreement (except as expressly noted otherwise above). Documents not attached are incorporated by reference. There are no Contract Documents other than those listed in this Article 9.

9.03 The Contract Documents may only be amended or supplemented as provided in Sections 2.16, 2.17, and 2.18 of the City of Rifle's Public Works Manual.

#### ARTICLE 10 - MISCELLANEOUS

10.01 Terms

- A. Terms used in this Agreement will have the meanings indicated in the City of Rifle's Public Works Manual.

10.02 Assignment of Contract

- A. No assignment by a party hereto of any rights under or interests in the Contract will be binding on another party hereto without the written consent of the party sought to be bound; and, specifically but without limitation, moneys that may become due and moneys that are due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract Documents.

10.03 Successors and Assigns

- A. Owner and Contractor each binds itself, its partners, successors, assigns and legal representatives to the other party hereto, its partners, successors, assigns and legal representatives in respect to all covenants, agreements and obligations contained in the Contract Documents.

#### 10.04 Severability

- A. Any provision or part of the Contract Documents, held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Owner and Contractor, who agree that the Contract Documents shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

#### 10.05 Waiver

- A. The waiver by the Owner of any breach or violation of any term, covenant, or condition of this Agreement or of any Law or Regulation shall not be deemed to be a waiver of any other term, covenant, condition, or Law or Regulation or of any subsequent breach or violation of the same or of any other term, covenant, condition, or Law or Regulation. The subsequent payment of any monies or fee by the Owner which may become due hereunder shall not be deemed to be a waiver of any preceding breach or violation by Contractor of any term, covenant, condition of this Agreement or of any applicable Law or Regulation.

IN WITNESS WHEREOF, Owner and Contractor have signed this Agreement on the day and year first written above.

This Agreement will be effective on \_\_\_\_\_, 20\_\_\_\_ (which is the Effective Date of the Agreement).

Owner: \_\_\_\_\_ Contractor: \_\_\_\_\_

By: \_\_\_\_\_ By: \_\_\_\_\_

Title: \_\_\_\_\_ Title: \_\_\_\_\_

[CORPORATE SEAL]

[CORPORATE SEAL]

Attest \_\_\_\_\_

Attest \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Address for giving notices

\_\_\_\_\_  
\_\_\_\_\_

Address for giving notices

\_\_\_\_\_  
\_\_\_\_\_

(If Owner is a corporation, partnership, or limited liability company, attach evidence of authority to sign) (If Owner is a public body, attach evidence of authority to sign and resolution or other documents authorizing execution of Agreement.)

License No. \_\_\_\_\_  
(where applicable)

Agent for service of process: \_\_\_\_\_  
\_\_\_\_\_

(If Contractor is a corporation, partnership, or limited liability company, attach evidence of authority to sign.)

Designated Representative:

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

Phone No.: \_\_\_\_\_

Fax No.: \_\_\_\_\_

Designated Representative:

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

Phone No.: \_\_\_\_\_

Fax No.: \_\_\_\_\_

++END OF AGREEMENT++

## Appendix B – Bid Schedule



Rifle RAIN  
BID SCHEDULE

**SECTION A - Base Bid Schedule - Quantities and unit prices to reflect FULL PARTICIPATION**

**ITEMS**

<b>NO.</b>	<b>EST. QTY.</b>	<b>UNIT</b>	<b>DESCRIPTION AND UNIT PRICES IN WORDS</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>
1	60	participant	<b>Conduct Audit</b> All work required to coordinate and conduct Irrigation Audit for one participant, including contacting participant, scheduling audit, mobilizing to property, conducting audit, completing Owner-supplied audit form, creating a list of recommended improvements, providing cost estimate for improvements, obtaining participant approval/rejection of improvements, submitting documentation to Owner and responding to Owner questions as needed to approve rebate for improvements and controller/weather station.		
				\$	\$
			(Unit Price - Words)		
2	60	participant	<b>Conduct Work Associated with Making Irrigation System Improvements</b> All work related to making irrigation system improvements, but excluding the actual execution of the improvements themselves (scope and cost for those covered in <b>SECTION C</b> ). Work covered in this item includes working with the Owner to obtain rebate approval, contacting the participant, scheduling improvements, mobilizing to property, collecting payment and submitting documentation to Owner.		
				\$	\$
			(Unit Price - Words)		
3	40	participant	<b>Install New Irrigation System Controllers</b> All work, equipment and miscellaneous materials needed to install irrigation system controller Hunter Pro-C specified in <b>Appendix D</b> . This includes purchase, mounting, wiring, programming, supplying owners manual to participant and participant training.		
				\$	\$
			(Unit Price - Words)		
4	20	participant	<b>Install New Weather Stations</b> All work, equipment and miscellaneous materials needed to install irrigation controller weather station Hunter Solarsync specified in <b>Appendix D</b> . This includes mounting, wiring, programming, supplying owners manual to participant and participant training that would not otherwise be conducted as part of <b>Item 3</b> .		
				\$	\$
			(Unit Price - Words)		
<b>TOTAL BID PRICE:</b>					
				\$	\$
			(Total Price - Words)		



Rifle RAIN  
BID SCHEDULE

**SECTION B - Base Bid Schedule - Quantities and unit prices to reflect 50% PARTICIPATION**

**ITEMS**

NO.	EST. QTY.	UNIT	DESCRIPTION AND UNIT PRICES IN WORDS	UNIT PRICE	TOTAL PRICE
5	30	participant	<b>Conduct Audit</b> All work required to coordinate and conduct Irrigation Audit for one participant, including contacting participant, scheduling audit, mobilizing to property, conducting audit, completing Owner-supplied audit form, creating a list of recommended improvements, providing cost estimate for improvements, obtaining participant approval/rejection of improvements, submitting documentation to Owner and responding to Owner questions as needed to approve rebate for improvements and controller/weather station.		
				\$	\$
			(Unit Price - Words)		
6	30	participant	<b>Conduct Work Associated with Making Irrigation System Improvements</b> All work related to making irrigation system improvements, but excluding the actual execution of the improvements themselves (scope and cost for those covered in <b>SECTION C</b> ). Work covered in this item includes working with the Owner to obtain rebate approval, contacting the participant, scheduling improvements, mobilizing to property, collecting payment and submitting documentation to Owner.		
				\$	\$
			(Unit Price - Words)		
7	20	participant	<b>Install New Irrigation System Controllers</b> All work, equipment and miscellaneous materials needed to install irrigation system controller Hunter Pro-C specified in <b>Appendix D</b> . This includes purchase, mounting, wiring, programming, supplying owners manual to participant and participant training.		
				\$	\$
			(Unit Price - Words)		
8	10	participant	<b>Install New Weather Stations</b> All work, equipment and miscellaneous materials needed to install irrigation controller weather station Hunter Solarsync specified in <b>Appendix D</b> . This includes mounting, wiring, programming, supplying owners manual to participant and participant training that would not otherwise be conducted as part of <b>Item 7</b> .		
				\$	\$
			(Unit Price - Words)		
<b>TOTAL BID PRICE:</b>					
				\$	
			(Total Price - Words)		

Submitted by: \_\_\_\_\_  
Company

Submitted by: \_\_\_\_\_  
Authorized Personnel

\_\_\_\_\_  
Title of Authorized Personnel

Date of Bid: \_\_\_\_\_





*Rifle RAIN*  
**BID SCHEDULE**

**SECTION C - Miscellaneous Irrigation System Improvements**

**ITEMS**

<b>NO.</b>	<b>EST. QTY.</b>	<b>UNIT</b>	<b>DESCRIPTION AND UNIT PRICES IN WORDS</b>	<b>UNIT PRICE</b>
9	1	EA	<b>Adjust Flow Per Zone</b>	
			_____	\$ _____
			(Unit Price - Words)	
10	1	EA	<b>Adjust Valve Operation</b>	
			_____	\$ _____
			(Unit Price - Words)	
11	1	EA	<b>Adjust Pressure</b>	
			_____	\$ _____
			(Unit Price - Words)	
12	1	EA	<b>Repair Plugged Equipment</b>	
			_____	\$ _____
			(Unit Price - Words)	
13	1	EA	<b>Adjust Head Tilt</b>	
			_____	\$ _____
			(Unit Price - Words)	
14	1	EA	<b>Raise Sunken Head</b>	
			_____	\$ _____
			(Unit Price - Words)	
15	1	EA	<b>Replace Missing/Broken Head</b>	
			_____	\$ _____
			(Unit Price - Words)	
16	1	EA	<b>Replace Nozzle</b>	
			_____	\$ _____
			(Unit Price - Words)	
17	1	EA	<b>Repair Leaky Seal or Fitting</b>	
			_____	\$ _____
			(Unit Price - Words)	
18	1	EA	<b>Replace Missing/Broken Emitter</b>	
			_____	\$ _____
			(Unit Price - Words)	



*Rifle RAIN*  
**BID SCHEDULE**

<b>ITEMS NO.</b>	<b>EST. QTY.</b>	<b>UNIT</b>	<b>DESCRIPTION AND UNIT PRICES IN WORDS</b>	<b>UNIT PRICE</b>
19	1	LF	<b>Replace Damaged Emitter Tubing</b>	
			_____	\$ _____
			(Unit Price - Words)	
20	1	LF	<b>Repair Lateral Line Leak</b>	
			_____	\$ _____
			(Unit Price - Words)	
21	1	EA	<b>Adjust Arc</b>	
			_____	\$ _____
			(Unit Price - Words)	
22	1	EA	<b>Adjustment Spray</b>	
			_____	\$ _____
			(Unit Price - Words)	
23	1	EA	<b>Clear Spray Pattern Obstruction</b>	
			_____	\$ _____
			(Unit Price - Words)	

**SECTION D - Labor Rate Schedule**

Bidder to attach a separate sheet identifying:

Labor Categories

Type of work to be conducted by personnel within each category

Hourly rate for each category

## Appendix C – RAIN Audit Forms



Rifle RAIN

## Irrigation Site Inspection Worksheet

Record number of defects for each zone or checkmark zone problems.

Leave blank if no problem exists.

Address:

Acct#:

Homeowner:

Date:

Controller Brand &amp; Model:

Inspector Initials:

System Pressure:									
Station/Zone Number:									
Sprinkler Brand:									
R= Rotor, S=Spray, D=Drip									
Plant Type:									
<b>Observed Problems:</b>									
Flow Per Zone:									
Valve operation									
Pressure: H=High / L=Low									
Plugged Equipment									
Tilted Heads									
Sunken Heads									
Inappropriate Nozzles									
Missing/Broken Heads									
Missing/Broken Emitters									
Damaged Emitter Tubing									
Arc Adjustment Needed									
Spray Adjustment Needed									
Spray Patten Obstruction									
Leaky Seals or Fittings									
Low Head Drainage									
Lateral Line Leaks									
Compaction/Runoff									
Slope Considerations									
Slow Drainage or Ponding									
Suggested Mowing Height									
Other:									



Rifle RAIN

Acct#:

AREA MAP

Homeowner:

A large, empty rectangular box with a black border, intended for the area map and other details.

Indicate North on Drawings



## CITY OF RIFLE IRRIGATION PROGRAM SHEET

HOMEOWNER:	Zone:	Water Time:	Zone Description:	ACCT#:	Start Times:	Total Run Time Per Zone:
DATE: _____	1				1	
CONTROLLER: _____	2				2	
PROGRAM:    A   B   C   D	3				3	
1   2   3   4	4				4	
% BUDGET: _____	5				5	
	6				6	
	7					
	8					
	9					
CIRCLE IRRIGATION DAYS:	0					
	1					
1   2   3   4   5   6   7	2					
	3					
S   M   T   W   T   F   S	4					
	5					
8   9   10   11   12   13   14	6					
	7					
////////////////////	8					
	9					
CIRCLE MOWING DAYS:	0					
S   M   T   W   T   F   S						

List controller accessories, brand, model, etc.:

Total Run Time Per Cycle:	
Total Run Time Per Watering Day:	
Total Run Time Per Week:	

<b>Controller Adjustment: % Water Budget:<sup>i</sup></b>
---

Month:	April	May	June	July	Aug.	Sept.	Oct.
%	54%	74%	96%	100%	88%	67%	43%

<sup>i</sup> CSU fact Sheet: " Home Sprinkler Systems: Using your Sprinkler Controller's Seasonal Percentage Adjust or Water Budget Feature to Water Established Cool-Season Lawns: Rifle Colorado"



List repairs and estimated cost in order of urgency

Date:

**Inspector Initials:**

Notes:

1. Auditor to note those improvements which are deemed to be CRITICAL to achieving water savings. No notation is necessary if improvements represent a "good practice" but would not otherwise result in meaningful reduction to irrigation system water use
2. Any single improvement identified in the audit as having an estimated cost of improvement that is greater than \$200, including materials and labor, the contractor shall identify those items during the audit and in the cost estimate provided to the participant as "Greater Than \$200"

## Appendix D – Pre-Selected Irrigation Controller and Weather Station



# Hunter®

NEW





# The Hunter Pro-C. The Right Candidate for Any Job.

On the job, you need choice. So Hunter has two controllers working hard to get your vote. The modular Pro-C (PC Series) offers a customizable controller expandable from 3-, 6-, 9-, 12-, or 15-stations with PCM modules. For a cost-effective candidate, the new Pro-C (PCC Series) is the best selection for contractors with fixed station control needs. Both controllers

also feature some great benefits, including three programs with multiple start times, independent day scheduling options with a programmable "event day off", one-touch manual start and rapid advance, one-button reset, a heavy duty locking cabinet, and two-level superior surge protection. For a higher client approval rating, elect Hunter.

## Kick It Up a Notch. Way Up.

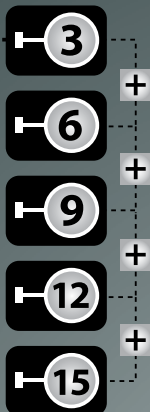
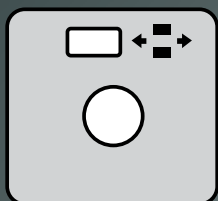
It may be a Pro, but it just keeps getting better. The new Power-Lock Slide on the modular Pro-C allows one or more modules to be easily removed or installed, and prevents any potential issues removing modules under power. Both controllers boast simplified end-user programming, allowing the ability to turn "on or off" features that are not in use or unneeded, and a total runtime calculator keeps you in the know on individual station times. We also expanded the range for seasonal adjust, now at 0 to 300%, in 5% increments, and added an Easy Retrieve™ Memory for simple access to a previously saved program. And both controllers are now sensor programmable by station, for continued, specific zone watering.





# EXERCISE YOUR FREEDOM OF CHOICE

## PRO-C



## Pro-C: Convenient

At Hunter, we believe in the Freedom of Choice. And we stand behind both of our candidates.

Does convenience get your vote?

Forget lugging around all those different controllers, and pick the Pro-C. With its ability to customize to the particular size that you need—

from 3 to 15 stations—the Pro-C reforms inventory time with only three types of units to keep in stock: indoor cabinets, outdoor cabinets, and station

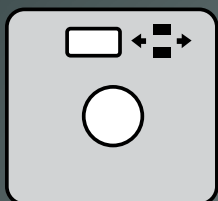
modules. Modularity also means the ability to retrofit for future expansion. And the Pro-C now boasts the Power-Lock Slide feature, which allows for a less taxing module removal.



## Modular Edition



## PCC



## Pro-C Conventional: Cost Effective

Debating which controller to choose? The new Hunter Pro-C PCC Series is your cost-effective choice to save some capital. Focused on economics, the Pro-C PCC is a simple option for fixed station control, when you know what you need. And if you elect to have the new Solar Sync as a running mate, the Pro-C PCC is designed for the module to be installed directly in the controller cabinet, for a compact, coordinated system.

## Conventional Edition

# Pro-C Power



## ADDED

Easy Retrieve Memory allows for retrieval of saved program



## ADDED

Total run time calculator determines total of individual station run times per program



## ADDED

Sensor programmable by station allows continued watering on specific zones during rain events



Remote control ready. Supplied with connection for ROAM and ICR remote controls.



Large LCD display for simplified programming



## Features and Benefits

### Independent scheduling options

Days of the week, odd/even, or 31-day intervals

### Non-volatile memory

No battery required for backing up programs and current date and time; holds programs indefinitely; excellent insurance against unreliable power

### Two levels of superior surge protection

Includes Hunter Quick Check™ self-diagnostic short circuit protection; microcircuits are protected from electrical spikes, with no fuses to worry about

### Three programs (A, B, C) with multiple start times

Independent programming handles various watering requirements

### Central control compatibility

Ready to work with Hunter's IMMS water management system



## Modular Edition



3-Station base controller expandable to 15 stations with PCM modules.

Servicing is made easy. Power-Lock feature allows for easy removal and automatic recognition of modules.

Simplified inventory means lower inventory costs.

Ability to retrofit for future expansion.



## Conventional Edition



Designed to allow for installation for Solar Sync module inside controller cabinet.

Economical option for fixed station control.

Common features and benefits as the modular edition.



## Pro-C Sensor Compatibility



### Solar Sync

The best under the sun. The Pro-C works even harder with our new Solar Sync. The solar sensor measures the sun's rays and temperature to keep your lawn at peak performance with optimal watering. That means no worrying when temperatures are too hot or too cold. So take a break! We won't tell.



### ROAM Remote

The Pro-C works with Hunter's ROAM Remote, the mid-range solution for residential and commercial applications, operating up to a 1000-foot range. Conveniently able to be attached to the Pro-C, it's always on hand.

# Charts and Specs

SPECIFICATIONBUILDER		
MODEL	FEATURES	OPTIONS
PC = Pro-C Controller	300i = 3-Station Base Unit Controller, Indoor Model, Plug-in Transformer, Expands to 15 Stations 230/240V 300 = 3-Station Base Unit Controller, Outdoor Model, Internal Transformer, Expands to 15 Stations	
International	301i = International Model 3-Station Base Unit Controller, Indoor Model, Plug-in Transformer, Expands to 15 Stations 301 = International Model 3-Station Base Unit Controller, Outdoor Model, Internal Transformer, Expands to 15 Stations	A = Australian Markets 240VAC (Outdoor Model Supplied with Cord) E = Europe 230VAC
PCM	300 = 3-Station Plug-in Module for use with any PC Controller Model 900 = 9-Station Plug-in Module for use with any PC Controller Model	
▶ PC	▶ 300	▶ Leave blank if no option chosen
EXAMPLE ▶ <b>PC - 300</b>		

Pro-C QUICK REFERENCE CHART			
Desired Station Configuration	Order Base Unit	Plus Number of modules	Specify as:
3 Zone	PC-300 or PC-300i	no module needed	PC-300 or PC 300i
6 Zone	PC-300 or PC-300i	one PCM-300	PC-600 or PC 600i
9 Zone	PC-300 or PC-300i	two PCM-300	PC-900 or PC 900i
12 Zone	PC-300 or PC-300i	three PCM-300	PC-1200 or PC 1200i
15 Zone	PC-300 or PC-300i	one PCM-300 & one PCM-900	PC-1500 or PC 1500i

SPECIFICATIONBUILDER		
MODEL	FEATURES	OPTIONS
PCC = Pro-C Controller (Conventional)	600i = 6-Station Controller, Indoor Model, Plug-in Transformer 600 = 6-Station Controller, Outdoor Model, Internal Transformer 900i = 9-Station Controller, Indoor Model, Plug-in Transformer 900 = 9-Station Controller, Outdoor Model, Internal Transformer 1200i = 12-Station Controller, Indoor Model, Plug-in Transformer 1200 = 12-Station Controller, Outdoor Model, Internal Transformer 1500i = 15-Station Controller, Indoor Model, Plug-in Transformer 1500 = 15-Station Controller, Outdoor Model, Internal Transformer	
International	601i = 6-Station Controller, Indoor Model, Plug-in Transformer 601 = 6-Station Controller, Outdoor Model, Internal Transformer 901i = 9-Station Controller, Indoor Model, Plug-in Transformer 901 = 9-Station Controller, Outdoor Model, Internal Transformer 1201i = 12-Station Controller, Indoor Model, Plug-in Transformer 1201 = 12-Station Controller, Outdoor Model, Internal Transformer 1501i = 15-Station Controller, Indoor Model, Plug-in Transformer 1501 = 15-Station Controller, Outdoor Model, Internal Transformer	E = 230 VAC with European Connections A = 240 VAC with Australian Connections (Outdoor Model has Internal Transformer with Cord)
▶ PCC	▶ 900i	▶ Leave blank if no option chosen
EXAMPLE ▶ <b>PCC - 900i</b>		

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# Solar Sync

## and Wireless Solar Sync

[Solar Sync](#)[Features](#)[Chart](#)[Resources](#)

## SOLAR SYNC

**Stay in or stay out. Just stay put**  
while Hunter's new simple ET  
system does the work for you.

**Sleek:** Compact sensor design.

**Simple:** Easy installation and programming.

**Selfless:** Automatically adjusts controller watering.

**Synchronous:** Works with all Hunter Pro-C and ICC controllers.

**Now smart, weather-based  
control is available in every  
Hunter controller category.**

X-Core and ACC controllers have the  
Solar Sync software built in and do not  
require the module.

Pro-C, PCC, ICC, and I-Core controllers  
require use of the Solar Sync module.



X-Core



ACC



Pro-C/PCC



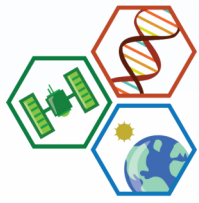
ICC



I-Core

Search Site





discover<sup>™</sup>  
EARTH

# Water

**Colorado Water 2012 Traveling Display**  
**April 29 to May 12**

---

**Local Water Resources:**

*What it Means for You and Your Family*

**May 1 • 7 p.m.**

Hydrologist Jeff Crane will speak on current issues related to the Colorado River Watershed.

---

**What is Happening to Our Water:**

*Colorado Water Issues*

**May 8 • 7 p.m.**

Shannon Ullman will speak about water concerns for Colorado residents, including conservation efforts in Rifle.

---

All programs are at the **Rifle Branch Library**.  
For more information call 625-4270.



LUNAR AND  
PLANETARY  
INSTITUTE



**Nelson Harvey**  
**Citizen Telegram Contributor**  
**Rifle, CO Colorado**

Back to:  
June 13, 2012

## A little help here?

As Rifle residents ponder the dark cloud of sharply higher water rates on the horizon, they may be soothed by a small silver lining.

Since May 2011, the city has offered several rebate programs to help citizens conserve water and take the edge off higher utility bills, which city officials now say are necessary to fund a new \$25.5 million water treatment plant.

The rebates are part of Rifle's Water Conservation Plan, which was drafted in 2008 to ensure the city could meet its water needs with a growing population. The value of all six programs in the plan is estimated at more than \$93,000, with half paid by the city and half through a grant from the Colorado Water Conservation Board.

"I had just purchased a new washing machine when I found out about the rebate program," said Matthew Miseldine, who recently moved to Rifle from New Castle. "I went into City Hall, filled out the form and attached the receipt, and got a \$100 rebate from the city."

Miseldine took advantage of the city's indoor appliance rebate program, which offers \$100 back on up to one washing machine and three toilets per household. If an appliance is labeled with a WaterSense sticker, indicating it meets water conservation standards established by the U.S. Environmental Protection Agency, it qualifies for a rebate.

A flier posted on the city's website to promote the rebates notes that older toilets can use up to seven gallons per flush, while newer ones use just one and a half. Newer washing machines reduce the water used per load from 40 gallons to six, according to the flier, so consumers can save money on water bills long after the initial appliance purchase.

A related city program intended to reduce outdoor water use is called Rifle R.A.I.N, or Rebates and Audits for Irrigation Networks. Participants receive a free irrigation system audit and up to \$300 for system improvements.

Despite informational mailers included with May and June water bills, the rebates remain underutilized. Of the 75 toilet rebates and 50 washer rebates the city has to give away, just 27 toilet rebates and 15 washer rebates have been distributed, according to MaryAnn Dodson, administrative assistant in the Rifle Public Works Department, who manages the program for the city.

And although the city has up to 60 irrigation rebates to distribute, just 25 applications have been submitted since the program began, Dodson said. The city still has about \$12,000 to distribute for irrigation efficiency improvements.

Those who have utilized the rebates say the city has been fairly quick to issue payments.

"I submitted my forms on Monday, and by Friday I had a reimbursement check," said Tina Sandoval, of Rifle, who used the program to help offset the cost of a new washing machine.

Water savings from the two rebate programs would total roughly 1.7 million gallons annually, if all the rebates are disbursed, according to Shannon Ullman of Glenwood Springs-based SGM Engineering, who helped draft Rifle's Water Conservation Plan in 2008.

By comparison, Utility Director Dick Deussen estimated Rifle used about 500 million gallons of water in 2011, meaning the potential savings from these programs represents less than one half of one percent of total usage.

For individual consumers, though, a rebate can provide the extra boost needed to purchase a more efficient and durable appliance.

"I think getting the rebate helped us buy a more expensive model," said Leslie Smith of Rifle, who purchased a new toilet through the city program. "We wanted one anyway, just because of the water rate hikes that we'll have to pay going forward. We have five people living in our house, and that's a lot of flushes, and a lot of showers."

Smith said she'd like to redo the other two bathrooms in her home, but doesn't know if the rebate program will expire before she's ready to move forward.

The rebates are due to expire at the end of 2012, according to Dodson.

"If we don't use up all the grant money, we may have to apply for an extension," she said.

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## **Citizen Telegram Staff Report Rifle, Colorado**

Back to:  
November 16, 2011

# **City offers rebates for home improvement upgrades**

New rebates are being offered to Rifle residents who plan on doing a little remodeling this year.

Rifle's new Indoor Appliance Rebate Program is a part of the city's overall water conservation plan, which includes the Rifle Irrigation System audit and rebate program that the city hosted this summer.

The city's water conservation plan was approved by Rifle City Council and the Colorado Water Conservation Board (CWCB) in 2008. A grant was issued in 2010 by CWCB to implement the tasks in the Water Conservation Plan.

This rebate program is funded in part through that grant money, and is also funded by the City of Rifle.

The rebate program seeks to meet the city's water conservation mission, which is to equip citizens with the tools to sustain our community's water.

The Rebates are available to Rifle residents on a first-come, first-serve basis and there is no deadline for the program. Funds will be available until they are all gone.

Applications are available at the City of Rifle website, [www.rifleco.org](http://www.rifleco.org), or can be picked up at City Hall.

Rebates can replace on clothes washer and up to three toilets per household. Rebates will cover up to \$100, or no more than 50 percent of the cost of the appliance.

There are 50 clothes washer rebates available and 75 toilet rebates available, however since the start of the program in early November, the rebates have moved quickly. It's recommended that interested parties should pick up applications soon.

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# FREE LAWN SPRINKLER SYSTEM EVALUATION



Save **Water** & **\$\$\$**  
with Rifle **R.A.I.N**

City of Rifle is offering Rifle residents FREE lawn sprinkler  
system/irrigation audits  
and rebates for system improvements.

Peak irrigation season is upon us and that means using more water and higher water bills too. Cut those summer water bills with the City of Rifle's Rebates and Audits for Irrigation Networks program. Reserve your FREE landscape irrigation system audit through Rifle RAIN today. The professionally-conducted audit may qualify you for hundreds of dollars in rebates for irrigation system improvements, including a new controller/timer. RAIN applications are available on the City's website, [www.rifleco.org](http://www.rifleco.org) or at the Utility Department in City Hall. Questions on the program – call Maryann at 665-6555.

**Program Extended! First Come First Served!**



# Partners In Conservation



Save Water and \$\$\$ with Rifle RAIN!!

Peak irrigation season is right around the corner, and with it, higher water bills too! Cut those summer water bills with Rifle's **Rebates and Audits for Irrigation Networks** program. Reserve your **FREE** landscape irrigation system audit through Rifle RAIN today. The professionally-conducted audit may qualify you for **hundreds of dollars in rebates** for irrigation system improvements, including a new controller. RAIN applications are available on the City's website ([www.rifleco.org](http://www.rifleco.org)) or at the Utility Department in City Hall. Have questions? Call us at (970)665-6555. Funding is limited, so apply soon!



*Sustaining Public & Environmental Health*



City of Rifle  
Utility Dept.  
202 Railroad Ave.  
Rifle, CO 81650  
(970) 665-6555

[www.rifleco.org](http://www.rifleco.org)

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# Partners In Conservation

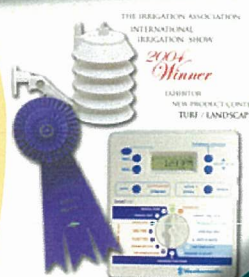


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# Partners In Conservation



## City of Rifle – RAIN Program

### Rebates and Audits for Irrigation Networks

Starting April 1, the City of Rifle will be accepting applications from residents interested in receiving a **FREE** residential irrigation system audit and rebates for new irrigation controllers. Rifle **RAIN** offers a select number of Rifle residents the opportunity to have an irrigation professional review their irrigation systems, suggest improvements and potentially receive rebates for system improvements and new irrigation controllers. RAIN applications will available on the City's website, [www.rifleco.org](http://www.rifleco.org), or from the Utilities Department at City Hall. Apply early - funding is limited. Questions? Call us at (970) 665-6555.



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# Partners In Conservation



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## Appendix C

### **Task 6 Information**

Eligible Product Lists

Application Form

Inspection Form



City of Rifle  
Indoor Appliance Rebate Program



**REBATE ELIGIBLE PRODUCT LIST**  
**TOILETS\***

BRANDNAME	MODELNAME	MODELNUMBER	Bowl Model Number	Tank Model Number
American Standard	FloWise RH RF Complete	3377.128	3005.128	4021.128
American Standard	NH EL Dual Flush Lined Combination	2476.516	3067.316	4035.516
American Standard	NH EL Dual Flush Complete	2779.516	3067.316	4035.516
American Standard	NH EL Dual Flush Combo Toilet	2476.216	3067.316	4035.216
American Standard	Mainstream FloWise RH RF Complete	3472.128	3069.101	4061.428
American Standard	Mainstream FloWise RF Complete	3468.128	3061.428	4061.428
American Standard	Mainstream FloWise RF Complete	3468.128	3061.101	4061.428
American Standard	H2Option; Siphonic Dual Flush; RH EL	2886.216	3705.216	4339.216
American Standard	H2Option; Siphonic Dual Flush; RF	2889.216	3708.216	4339.216
American Standard	H2Option; Siphonic Dual Flush; EL	2887.216	3706.216	4339.216
American Standard	H2Option; RH EL; Lined	2886.516	3705.216	4339.516
American Standard	H2Option; RF; Lined	2889.516	3708.216	4339.516
American Standard	FloWise Dual Flush	2479.216	3067.216	4035.216
American Standard	H2Option RH RF Dual Flush Combo	2888.216	3707.216	4339.216
American Standard	RH EL Dual Flush Lined; Combination	2484.516	3073.316	4035.516
American Standard	FloWise RH EL Complete	3378.128	3016.128	4021.128
American Standard	FloWise RH EL Complete	3378.128	3016.001	4021.128
American Standard	FloWise NH RF	2880.128	3011.001	4021.128
American Standard	FloWise NH RF	2880.128	3011.128	4021.128
American Standard	FloWise Dual Flush Right Height Elongated Toilet Lined Tank	2480.516	3073.216	4035.516
American Standard	FloWise Dual Flush Right Height Elongated Toilet	2566.216	3073.216	4035.216
American Standard	FloWise Dual Flush Right Height Elongated Toilet	2480.216	3073.216	4035.216
American Standard	FloWise Dual Flush Right Height Elongated Complete Toilet Lined Tank	2566.516	3073.216	4035.516
American Standard	FloWise Dual Flush NH RF Lined	2489.516	3074.216	4035.516
American Standard	FloWise Dual Flush NH RF	2489.216	3074.216	4035.216
American Standard	FloWise Dual Flush Elongated Toilet; Lined Tank	2479.516	3067.216	4035.516
American Standard	H2Option; EL; Lined	2887.516	3706.216	4339.516
American Standard	Town Square 2 Pc EL RH Combo 1.28Gpf	2817.128	3071.128	4216.128
American Standard	AquaOption RH EL Complete	3381.516	3711.216	4348.516
American Standard	Yorkville RH EL PA FloWise	2878.1	3703.001	4142.1
American Standard	Yorkville RH EL PA FloWise	2878.1	3703.1	4142.1
American Standard	Yorkville PA FloWise EL	2876.1	3701.001	4142.1
American Standard	Tropic FloWise RH RF combo	2791.101	3005.001	4007.101
American Standard	Tropic FloWise RH Elongated 1-Piece Toilet	2786.128		
American Standard	Tropic FloWise RH EL with Aquaguard Liner combo	2459.151	3016.001	4007.151
American Standard	Tropic FloWise RH EL combo	2459.101	3016.001	4007.101

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BRANDNAME	MODELNAME	MODELNUMBER	Bowl Model Number	Tank Model Number
American Standard	Tropic FloWise RF with Aquaguard Liner combo	2455.151	3011.001	4007.151
American Standard	Tropic FloWise RF combo	2455.101	3011.001	4007.101
American Standard	Tropic FloWise EL with Aquaguard Liner combo	2457.151	3014.001	4007.151
American Standard	RH EL Dual Flush Combination	2484.216	3073.316	4035.216
American Standard	Town Square 2 Pc EL RH Combo 1.28Gpf	2817.128	3071	4216.128
American Standard	RH EL Dual Flush Complete	2778.516	3073.316	4035.516
American Standard	Town Square 1pc RH EL	2847.128		
American Standard	Studio FloWise RH RF with Aquaguard Liner combo	2579.151	3005.001	4202.151
American Standard	Studio FloWise RH RF combo	2579.101	3005.001	4202.101
American Standard	Studio FloWise RH EL with Aquaguard Liner combo	2589.151	3016.001	4202.151
American Standard	Studio FloWise RH EL combo	2589.101	3016.001	4202.101
American Standard	Studio FloWise RF with Aquaguard Liner combo	2587.151	3011.001	4202.151
American Standard	Studio FloWise RF combo	2587.101	3011.001	4202.101
American Standard	Studio FloWise EL with Aquaguard Liner combo	2588.151	3014.001	4202.151
American Standard	Studio FloWise EL combo	2588.101	3014.001	4202.101
American Standard	Studio FloWise Concealed Trap RH RF Toilet Combination	2795.104	3053.1	4000.104
American Standard	Saver 1.28gpf RH EL Complete	710FA.101	3517F.001	4067.B101
American Standard	Tropic FloWise RH RF with Aquaguard Liner combo	2791.151	3005.001	4007.151
American Standard	Tropic FloWise EL combo	2457.101	3014.001	4007.101
American Standard	Cadet EL FloWise	2462.1	3481.001	4142.1
American Standard	Cadet3 FloWise RH EL	3305.128	3016.128	4021.128
American Standard	Cadet3 FloWise RH EL	3305.128	3016.001	4021.128
American Standard	Cadet3 FloWise RH EL	2836.128	3016.001	4019.128
American Standard	Cadet3 FloWise RH EL	2836.128	3016.128	4019.128
American Standard	Cadet3 FloWise NH RF 12 inch; lined	2829.513	3011.128	4021.513
American Standard	Cadet3 FloWise EL Complete	3379.128	3014.128	4019.128
American Standard	Cadet3 FloWise EL Complete	3379.128	3014.001	4019.128
American Standard	Cadet3 FloWise EL	2833.128	3014.128	4019.128
American Standard	Cadet3 FloWise EL	2833.128	3014.001	4019.128
American Standard	Cadet3 FloWise Compact EL One-piece Complete Toilet	2568.128		
American Standard	Cadet3 FloWise 1pc.; Lined	2403.513		
American Standard	Cadet3 FloWise RH EL 12 inch; lined	2835.513	3016.128	4021.513
American Standard	Cadet EL FloWise	2462.1	3481.1	4142.1
American Standard	Cadet 3 FloWise EL	2832.128	3014.128	4021.128
American Standard	Cadet 3 FloWise RH EL	2835.128	3016.128	4021.128
American Standard	Cadet 3 FloWise RH EL	2835.128	3016.001	4021.128

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BRANDNAME	MODELNAME	MODELNUMBER	Bowl Model Number	Tank Model Number
American Standard	Cadet 3 FloWise RF	2829.128	3011.001	4021.128
American Standard	Cadet 3 FloWise RF	2829.128	3011.128	4021.128
American Standard	Cadet 3 FloWise EL	2832.128	3014.001	4021.128
American Standard	Cadet 3 Flowise Concealed Trapway RH RF Toilet Combination	2988.101	3053	4000.101
American Standard	Cadet 3 FloWise	2830.128	3011.128	4019.128
American Standard	Cadet 3 FloWise	2830.128	3011.001	4019.128
American Standard	C3 Concealed Trap RH EL 1.28	2989.101	3075	4000.101
American Standard	FloWise Cadet3 1-pc	2403.128		
American Standard	Yorkville PA FloWise EL	2876.1	3701.1	4142.1
American Standard	Cadet FloWise RH EL Pressure Assist Toilet	2467.1	3483.1	4142.1
American Standard	Complete HET Round Front Toilet	2997.128	3061.101	4319.128
American Standard	Evolution2 Flowise RH EL Combo	2754.128	3068.128	4061.128
American Standard	Evolution2 Flowise RF Combo; Lined	2752.513	3061.128	4061.513
American Standard	Boulevard Concealed Trap RH EL	2794.104	3075.1	4000.104
American Standard	Evolution2 Flowise RF Combo	2752.128	3061.128	4061.128
American Standard	Evolution2 Flowise RH EL Combo; Lined	2754.513	3068.128	4061.513
American Standard	Evolution2 Flowise EL Combo; Lined	2753.513	3063.128	4061.513
American Standard	FloWise	2073.014	3018	4023
American Standard	Evolution2 Flowise EL Combo	2753.128	3063.128	4061.128
American Standard	Cadet3 FloWise RH EL Complete with Liner combo	3378.513	3016.128	4021.528
American Standard	EcoFusion RH EL Complete	3380.216	3710.216	4349.216
American Standard	Compact Cadet3 FloWise combo	2431.101	3046.001	4019.128
American Standard	Compact Cadet3 FloWise 1pc; lined	2522.513		
American Standard	Clean RH RF	2517.101	3053.1	4000.107
American Standard	Cadet3 Flowise Right Height EL Total Toilet	3339.128	3016.128	4021.128
American Standard	Cadet3 FloWise RH RF	2849.128	3005.128	4019.128
American Standard	EcoFusion RH EL Complete	3380.516	3710.216	4349.516
American Standard	Cadet3 FloWise RH RF Lined	2758.513	3005.128	4021.513
American Standard	Clean RH EL Complete	2514.101	3075.1	4000.107
American Standard	Cadet3 Flowise Right Height EL Total Toilet	3339.128	3016.001	4021.128
American Standard	Cadet3 FloWise Round Front Total Toilet	3329.128	3011.001	4021.128
American Standard	Cadet3 FloWise Round Front Total Toilet	3329.128	3011.128	4021.128
American Standard	Cadet3 FloWise Spacesaver Complete	2447.128	3046.128	4019.128
American Standard	Cadet3 RF Toilet To Go	2852.128	3011.128	4021.128
American Standard	Cadet3 RF Toilet To Go	2852.128	3011.001	4021.128
American Standard	Cadet3 RH RF FloWise	2758.128	3005.001	4021.128

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BRANDNAME	MODELNAME	MODELNUMBER	Bowl Model Number	Tank Model Number
American Standard	Cadet3 RH RF FloWise	2758.128	3005.128	4021.128
American Standard	Cadet3 FloWise RH RF	2849.128	3005.001	4019.128
AquaSenses	ES22114		ES2214	ES3214
AquaSource (a Lowe's brand)	High-Efficiency Round Toilet	12293		
AquaSource (a Lowe's brand)		61042		
AquaSource (a Lowe's brand)		104502		
AquaSource (a Lowe's brand)		9311K		
AquaSource (a Lowe's brand)	AquaSource	5905		
AquaSource (a Lowe's brand)	High-Efficiency Elongated Toilet	312795		
AquaSource (a Lowe's brand)	High-Efficiency Elongated Toilet	98923		
Axent	High-Efficiency Round Toilet w/Seat	AT1201-xx		
Axent	High-Efficiency Elongated Toilet w/Chair Height (ADA) Bowl and Seat	AT1203-xx		
Briggs	Classic Vacuity HET FMBO	4247	4347	4411
Briggs	Conserver	4207	4370	4484
Briggs	Conserver	4208	4375	4484
Briggs	M128 HET 1.28 Elongated 12 inch R.I.	4685	4115	4494
Briggs	M128 HET 1.28 Elongated ComfortFit ADA 12 inch R.I.	4688	4118	4494
Briggs	M128 HET 1.28 Round 12 inch R.I.	4680	4110	4494
Briggs	ProFlo		PF9200	PF9212
Briggs	ProFlo		PF9201	PF9212
Caroma	Royale 270 EH Elongated		609120	624530
Caroma	Sydney 305 Elongated		609130	622320
Caroma	Sydney 305		609151A	622320
Caroma	Sydney 270 Elongated		609100	622320
Caroma	Sydney 270 EH Elongated		609120	622320
Caroma	Sydney 270 EH		609177	622320
Caroma	Sydney 270		609159	622320
Caroma	Royale 305 Elongated		609130	624530
Caroma	Sydney Low Profile 270 EH		609177	622330
Caroma	Royale 270 Elongated		609100	624530
Caroma	Sydney Smart 270		609159	622322
Caroma	Royale 270 EH		609177	624530
Caroma	Royale 305		609151	624530
Caroma	Sydney Low Profile 270 EH Elongated		609120	622330
Caroma	Sydney Low Profile 270 Elongated		609100	622330
Caroma	Sydney Low Profile 270 Round		609159	622330

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BRANDNAME	MODELNAME	MODELNUMBER	Bowl Model Number	Tank Model Number
Caroma	Sydney Low Profile 305 Elongated		609130	622330
Caroma	Bondi 270		609159	726350
Caroma	Sydney Smart 270 EH		609177	622322
Caroma	Royale 270		609159	624530
Caroma	Sydney Smart 270 EH Elongated		609120	622322
Caroma	Sydney Smart 270 Elongated		609100	622322
Caroma	Sydney Smart 305		609151A	622322
Caroma	Sydney Smart 305 Elongated		609130	622322
Caroma	Sydney Smart Rear Outlet		609450	622322
Caroma	Sydney Low Profile 305		609151A	622330
Caroma	Caravelle 270 EH		609177	629435
Caroma	Bondi 270 Elongated		609100	726350
Caroma	Adelaide 270 Cube		834000	814790
Caroma	Adelaide 270 Cube EH		825500	814790
Caroma	Adelaide 270 Standard		834000	814328
Caroma	Adelaide 270 Standard EH		825500	814328
Caroma	Bondi 270 EH		607177	726350
Caroma	Bondi 270 Elongated EH		609120	726350
Caroma	Bondi 305		609151	726350
Caroma	Bondi 305 Elongated		609130	726350
Caroma	Profile Smart 305		609151A	840420W
Caroma	Caravelle 270		609159	629435
Caroma	Colonial 270		605310	625070
Caroma	Invisi II Walvit Elongated Wall-Mount		604119W	237062
Caroma	Invisi II Walvit Elongated Wall-Mount		604119W	237061
Caroma	Invisi II Cube Wall-Mount		604300	237062
Caroma	Brisbane 270		833900	810266
Caroma	Colonial 270 EH		605320	625070
Caroma	Caravelle 270 EH Elongated		609120	629435
Caroma	Caravelle One Piece EH	989668		
Caroma	Caravelle One Piece	989646		
Caroma	Caravelle Elongated 305		609130	629435
Caroma	Caravelle Elongated 270		609100	629435
Caroma	Caravelle 305		609151	629435
Caroma	Invisi II Cube Wall-Mount		604300	237061
Cascadian Sanitary Ware	Venezia	C830 T881	C830	T881

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BRANDNAME	MODELNAME	MODELNUMBER	Bowl Model Number	Tank Model Number
Cascadian Sanitary Ware	Toscano	C930 T981	C930	T981
Cascadian Sanitary Ware	Toscano	C920 T901	C920	T901
Cascadian Sanitary Ware	Toscano	C920 T981	C920	T981
Cascadian Sanitary Ware	Conserver	C736 T761	C736	T761
Cascadian Sanitary Ware	Conserver	C706 T761	C706	T761
Cascadian Sanitary Ware	Toscano	C930 T901	C930	T901
Cascadian Sanitary Ware	Conserver	C761 T761	C761	T761
Cerapure	Concord	C-3432D		
Cerapure	Concord	CT-6008D	C-6008D	T-6008D
Cerapure	Sereno	CT-3007	C-3007	T-3007
Cerapure	Sereno	CT-3008	C-3008	T-3008
Chelini Collection	Cabot 16.5 inch Ideal Height Round Front HET		B1516R	T10348
Chelini Collection	Marriot Dual Flush HET Round Front		B1215R	TDF1246
Chelini Collection	Cabot Ideal Height Elongated HET		B1516E	T10348
Chelini Collection	Marriot Dual Flush Ideal Height HET Elongated		B1216E	TDF1246
Chelini Collection	Bournelli Round Front HET		B1415R	T14248
Chelini Collection	Marriot Dual Flush HET Elongated		B1215E	TDF1246
Contrac	Colten	5720BIZ	B5720BIZ	T5720BIZ
Contrac	Cleo	5720BOY	5722BOY	5721BOY
Contrac	Clancy	5730BIVU	B5730BIVU	T5730BIVU
Contrac	Cody	4720BEV	4722BEV	4721BFV
Contrac	Cody	4720BEVU	4722BEV	4721BFVU
Contrac	Coen	5720BOV	B5720BOV	T5720BOV
Contrac	Colin	5720BEZ	B5720BEZ	T5720BEZ
Contrac	Cooper	5720BFZ	B5720BFZ	T5720BFZ
Contrac	Cosby	5710BFVU		
Contrac	Craig	5720BFWU	5722BFW	5721BFWU
Contrac	Creston	5710BIWU		
Contrac	Crista	4720BHV	4722BHV	4721BFV
Contrac	Colin	5710BEZ		
Contrac	Claire	5710BFWU		
Contrac	Crista	4720BHVU	4722BHV	4721BFVU
Contrac	Camri	5720BEWU	5722BEW	5721BEWU
Contrac	Ciara	5710BLT		
Contrac	Calum	5720BFV	B5720BFV	T5720BFV
Contrac	Canby	5710BEWU		

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BRANDNAME	MODELNAME	MODELNUMBER	Bowl Model Number	Tank Model Number
Contrac	Captiva	4710BIV		
Contrac	Carlin	4720BFV	4722BFV	4721BFV
Contrac	Carlin	4720BFVU	4722BFV	4721BFVU
Contrac	Colin	5720BEZU	B5720BEZ	T5720BEZU
Contrac	Cato	5730BEVU	B5730BEVU	T5730BEVU
Contrac	Cain	5720BEV	B5720BEV	T5720BEV
Contrac	Carson	4720BFW	4722BFW	4721BFW
Contrac	Chane	5720BMV	5722BMV	5721BOV
Contrac	Case	5730BOVU	B5730BOVU	T5730BOVU
Contrac	Carter	4720BIV	B4720BIV	T4720BIV
Contrac	Carson	4720BFZU	B4720BFZ	T4720BFZU
Contrac	Carson	4720BFZ	B4720BFZ	T4720BFZ
Contrac	Cadell	5730BFVU	B5730BFVU	T5730BFVU
Crane	EcoMiser BigFoot	38345	31125	31500
Crane	EcoSaratoga Gravity Dual	31983	3815	31964
Crane	EcoSaratoga	31970	3352	31960
Crane	Economiser One	31884	31124	31612
Crane	Economiser One BigFoot	31885	31125	31612
Crane	Economiser One BigFoot	31888	31128	31612
Crane	EcoMiser BigFoot ADA	38355	31128	31500
Crane	EcoSaratoga	31972	3352	31964
Crane	EcoSaratoga	31973	3372	31964
Crane	EcoSaratoga	31976	3352	31966
Crane	EcoSaratoga	31986	3372	31966
Crane	EcoMiser	38400	3830	31500
Crane	EcoMiser	38370	3827	31500
Crane	EcoSaratoga	31980	3372	31960
Crane	Eco Opus 3 RH EL Lined HET Combo	2386358	3016.601	4021.358
Crane	Eco Opus 3 EL Lined HET Combo	2383358	3014.328	4021.358
Crane	Eco Opus 3 EL Lined HET Combo	2383358	3014.601	4021.358
Crane	Eco Opus 3 RF HET Combo	2384328	3011.328	4021.328
Crane	Eco Opus 3 RF Lined HET Combo	2384358	3011.601	4021.358
Crane	EcoMiser BigFoot	38335	31124	31500
Crane	Eco Opus 3 RH EL HET Combo	2386328	3016.328	4021.328
Crane	Eco Opus 3 RH EL Lined HET Combo	2386358	3016.328	4021.358
Crane	Eco Opus III	31692	31562	31542

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BRANDNAME	MODELNAME	MODELNUMBER	Bowl Model Number	Tank Model Number
Crane	Eco Opus III	31693	31562	31543
Crane	EcoGalaxy/Cranada	31007	3352	31590
Crane	EcoGalaxy/Cranada	31008	3372	31590
Crane	Eco Opus 3 EL HET Combo	2383328	3014.328	4021.328
Crane	EcoGalaxy/Cranada	31067	3352	31593
Crane	Eco Opus 3 RF Lined HET Combo	2384358	3011.328	4021.358
Danze, Inc.	Cirtangular		DC023330	DC022321
Danze, Inc.	Ziga Zaga	DC031321		
Danze, Inc.	Orrington	DC011323		
Danze, Inc.	Orrington		DC013330	DC012323
Danze, Inc.	Cobalt Compact Elongated HET 1 PC	DC061421**		
Danze, Inc.	Cobalt Elongated 2 PC HET	DC063330**-DC062321**	DC063330**	DC062321**
DOFINY	RF Single	A1005-R		
DOFINY	High Efficiency Elongated Toilet	UAC1301BS-AA/UAT1302-AA	UAC1301BS-AA	UAT1302-AA
DOFINY	Round Front Dual Flush HET	A2008-R	A2008-R-B	A2008-T
DOFINY	RF Single	A2011-R	A2011-R-B	A2011-R-T
DOFINY	RF Single	A2001-R	A2001-R-B	A2001-R-T
DOFINY	RF Dual	A1005-RD		
DOFINY	One Piece High Efficiency Elongated Toilet	A1003-E		
DOFINY	One Piece High Efficiency Elongated Toilet	A1002-E		
DOFINY	High Efficiency Round Front Toilet	DB2604B/DSX2604B	DB2604B	DSX2604B
DOFINY	High Efficiency Round Front Toilet	DB2604B/DSX2604	DB2604B	DSX2604
DOFINY	High Efficiency Round Front Toilet	DB2602B/DSX2602	DB2602B	DSX2602
DOFINY	High Efficiency Elongated Toilet	UAC1303BS-AA/UAT1304-AA	UAC1303BS-AA	UAT1304-AA
DOFINY	EL ADA Dual	A1004-EA		
DOFINY	RF Single	A2008-RL	A2008-R-B	A2008-RL-T
DOFINY	EL ADA Dual	A1005-EAD		
DOFINY	EL ADA Single	A2001-EAL	A2001-EA-B	A2001-EA-T
DOFINY	EL Dual	A1005-ED		
DOFINY	EL Dual	A2001-ED	A2001-E2-B	A2001-E2-T
DOFINY	EL Dual	A2008-ED	A2008-E2-B	A2008-E2-T
DOFINY	EL Single	A1005-E		
DOFINY	EL Single	A2001-E	A2011-E-B	A2001-E-T
DOFINY	EL Single	A2011-E	A2011-E-B	A2011-E-T
DOFINY	Elongated ADA Single Flush HET	A2001-EA	A2001-EA-B	A2001-T
DOFINY	High Efficiency Elongated Toilet	A2002-EA	A2002-E-B	A2002-T

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BRANDNAME	MODELNAME	MODELNUMBER	Bowl Model Number	Tank Model Number
DOFINY	High Efficiency Elongated Toilet	A2003-E	A2003-E-B	A2003-T
Dolphin Plumbing	Jackson	L4015E346		
Dolphin Plumbing	New York	Z15R15/S17248	Z15R15	S17248
Dolphin Plumbing	Washington	Z22E16/S18246	Z22E16	S18246
Dolphin Plumbing	Washington	Z15R15/S18246	Z15R15	S18246
Dolphin Plumbing	Washington	Z15E15/S18246	Z15E15	S18246
Dolphin Plumbing	Vancouver	L6815E346		
Dolphin Plumbing	Los Angeles	L1315E346		
Dolphin Plumbing	Dallas	L12S16S12346	L12E16	S12346
Dolphin Plumbing	Chicago	Z59E16/S19348	Z59E16	S19348
Dolphin Plumbing	Chicago	Z58R16/S19348	Z58R16	S19348
Dolphin Plumbing	New York	Z15E15/S17248	Z15E15	S17248
Duravit	Starck 2		16009	Geberit 111.335.xx.x
Duravit	Starck X		220409	Geberit 111.335.xx.x
Duravit	Vero One Piece Toilet 1.28 gpf	210301		
Duravit	Vero		221709	Geberit 111.335.xx.x
Duravit	Vero Two-Piece Toilet		211609	90910
Duravit	Starck 3 Two-Piece Toilet		12809	92010
Duravit	Starck 3		220309	Geberit 111.335.xx.x
Duravit	Starck 3		220209	Geberit 111.335.xx.x
Duravit	Starck 3		220009	Geberit 111.335.xx.x
Duravit	Starck 2 One Piece Toilet 1.28 gpf	16301		
Duravit	Happy D Two-Piece Toilet		17009	91010
Duravit	Happy D Two Piece Toilet 1.28 gpf		11201	92910
Duravit	Happy D		17109	Geberit 111.335.xx.x
Duravit	Foster		17509	Geberit 111.335.xx.x
Duravit	D-Code Two-Piece Toilet; 1.28 Gpf		11701	92720
Duravit	D-Code		220909	Geberit 111.335.xx.x
Duravit	Darling		20709	Geberit 111.335.xx.x
Duravit	Caro		15609	Geberit 111.335.xx.x
Duravit	2nd Floor		220509	Geberit 111.335.xx.x
Duravit	Vero Floor Standing Toilet		211709	109.304
Duravit	PuraVida		221909	Geberit 111.335.xx.x
Eljer	Belmont HET RF Complete	091-0800	3061.428	4061.428
Eljer	Stratus HET RF Complete	091-1280	3011.428	4007.428
Eljer	Stratus HET RF Complete	091-1280	3011.301	4007.428

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BRANDNAME	MODELNAME	MODELNUMBER	Bowl Model Number	Tank Model Number
Eljer	Somerville DF RF Complete Siphonic	091-6100	3708.416	4339.416
Eljer	Stratus HET RH EL Complete	091-1285	3016.428	4007.428
Foremost	HET	AO4-045177EW	LL-177EW	T4-045W
Foremost	HET	AO4-045167EW	LL-167EW	T4-045W
Foremost	HET	AO4-035177EW	LL-177EW	T4-035W
Foremost	HET	AO2-7851-HET-RY	LL-0051-RY	T-7800-HET-Y
Foremost	HET	AO2-158777RW	LL-777RW	T2-158W
Foremost	HET	AO4-215177EW	LL-177EW	T4-215W
Foremost	HET	AO2-158777EW	LL-777EW	T2-158W
Foremost	HET	AO2-058777RW	LL-777RW	T2-058W
Foremost	HET	AO2-058777EW	LL-777EW	T2-058W
Foremost	HET	AO1-803807-RW	LL-807-RW	T1-803-W
Foremost	HET	AO1-803807-EW	LL-807-EW	T1-803-W
Foremost	HET	AO4-425177EW	LL-177EW	T4-425W
Foremost	HET	AO1-054777RW	LL-777RW	T1-054W
Foremost	Regent	TL-5207HC-WL2	LL-5207HC-W2	T-5207-WL2
Foremost	HET	AO1-054777EW	LL-777EW	T1-054W
Foremost	HET	AO1-203824RW	LL-824RW	T1-203W
Foremost	Premier	TL-8207-YL4	LL-8207-Y4	T-8207-YL4
Foremost	Gemini	TL-2100-WL		
Foremost	Total Smart	TT-8295-WL	LL-8295-W	T-8295
Foremost	Viva	TL-8316-WL	LL-8316-W	T-8316-WL
Foremost	Total	TT-8207-WL4	LL-8207-W4	T-8207-WL4
Foremost	Total	TT-2010-WL	LL-2010-W	T-2010-WL
Foremost	Total	TT-2000E-WL	LL-2000E-W	T-2000-WL
Foremost	Plaza	TL-7107-WL	LL-7107-W	T-7107-WL
Foremost	Regent	TL-5207-YL2	LL-5207-Y2	T-5207-YL2
Foremost	HET	AO4-825177EW	LL-177EW	T4-825W
Foremost	Odessa	TL-8260-WL	LL-8260-W	T-8260-WL
Foremost	Moline	TL-8267-YL	LL-8267-Y	T-8267-YL
Foremost	Moline	TL-8265-WL		
Foremost	HET	TL-7637HC-WL	LL-7637HC-W	T-7637-WL
Foremost	HET	TL-7605HC-WL	LL-7605HC-W	T-7605-WL
Foremost	HET	TL-7600HC-HET-Y1	LL-7600HC-HET-Y1	T-7600HC-HET-Y1
Foremost	Regent	TL-5210-YL		
Foremost		AO1-005887EW	LL-887EW	T1-005W

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**TOILETS\***

BRANDNAME	MODELNAME	MODELNUMBER	Bowl Model Number	Tank Model Number
Foremost		TL-10PA-HET-EWL		
Foremost		HB-800-ADA-W		
Foremost	Gemini	TL-2005-YL	LL-2005-Y	T-2005-YL
Foremost		AO5-763405EW	LL-405-EW	T5-763W
Foremost		AO1-005887RWL	LL-887RW	T1-005WL
Foremost		TL-10PB-HET-EW		
Foremost		AO1-005887EWL	LL-887EW	T1-005WL
Foremost		TL-10PA-HET-EW		
Foremost		AO1-005775RW	LL-775RW	T1-005W
Foremost		AO1-005775EW	LL-775EW	T1-005W
Foremost		AIO7800HET-LO	AIO B7800HET-LO	AIO T7800HET-LO
Foremost		AIO-400RW-HET	AIO B400RW	AIO T400W
Foremost			LL-1041-W	CT-1041-DF
Foremost		AIO-400EW-HET	AIO B400EW	AIO T400W
Foremost		AO1-005887RW	LL-887RW	T1-005W
Foremost	AIO	AIO1000-RW	AIOB1000-RW	AIOT1000-W
Foremost	Europa	TL-8271E-YL		
Foremost	Eclipse	TL-8165-WL		
Foremost	Dual To Go	TL-8237-WL	LL-8237-W	T-8237-WL
Foremost		AO5-763405RW	LL-405-RW	T5-763W
Foremost	Astoria	TL-1980-E-WL	LL-1980-E-W	T-1980-WL
Foremost		TL-10PB-HET-EWL		
Foremost	AIO	AIO1000-EW	AIOB1000-EW	AIOT1000-W
Foremost		TL-7700HC-HET-W	LL-7700HC-HET-W	T-7700-HET-W
Foremost		TL-7600HC-HET-W	LL-7600HC-HET-W	T-7600-HET-W
Foremost		TL-7600HC-HETR-WL	LL-7600HC-HETR-W	T-7600-HET-WL
Foremost		TL-7600HC-HETR-W	LL-7600HC-HETR-W	T-7600-HET-W
Foremost		TL-6100-EWN		
Foremost		TL-20PA-HET-EW	LL-20PA-HET-EW	T-20PA-HET-EW
Foremost		TL-20PA-HET-EWL	LL-20PA-HET-EW	T-20PA-HET-EWL
Foremost		TL-7600HC-HET-WL	LL-7600HC-HET-W	T-7600-HET-WL
Foremost	Classic	TL-1207-WL2	LL-1207-W2	T-1207-WL2
Geberit	DUOFIX		Duravit 220509	111.335.xx.x
Geberit	DUOFIX		Duravit 220409	111.335.xx.x
Geberit	DUOFIX		Porcher 47010-11	111.335.xx.x
Geberit	DUOFIX		Duravit 015609	111.335.xx.x

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BRANDNAME	MODELNAME	MODELNUMBER	Bowl Model Number	Tank Model Number
Geberit	DUOFIX		Duravit 017109	111.335.xx.x
Geberit	DUOFIX		Duravit 220909	111.335.xx.x
Geberit	DUOFIX		Duravit 220009	111.335.xx.x
Geberit	DUOFIX		Duravit 016009	111.335.xx.x
Geberit	DUOFIX		Duravit 221909	111.335.xx.x
Geberit	DUOFIX		TOTO CT418FG	111.335.xx.x
Geberit	DUOFIX		TOTO CT418FG	111.255.xx.x
Geberit	DUOFIX		Duravit 020709	111.335.xx.x
Geberit	DUOFIX		TOTO CT418FG	111.728.xx.x
Geberit	DUOFIX		Duravit 221709	111.335.xx.x
Geberit	DUOFIX		Duravit 017509	111.335.xx.x
Geberit	DUOFIX		Duravit 220209	111.335.xx.x
Geberit	DUOFIX		Duravit 220309	111.335.xx.x
Gerber	Ultra Flush	DF-21-324	21-377	DF-28-384
Gerber	Ultra Flush	DF-21-318	21-377	DF-28-380
Gerber	Ultra Flush	DF-21-314	21-372	DF-28-384
Gerber	Ultra Flush	DF-21-325	21-375	DF-28-380
Gerber	Ultra Flush	DF-21-310	21-374	DF-28-380
Gerber	Ultra Flush	EF-21-314	21-372	EF-28-384
Gerber	Ultra Flush	DF-21-312	21-372	DF-28-380
Gerber	Ultra Flush	EF-21-302	21-342	EF-28-380
Gerber	Ultra Flush	EF-21-304	21-342	EF-28-384
Gerber	Ultra Flush	DF-21-304	21-342	DF-28-384
Gerber	Ultra Flush	EF-21-312	21-372	EF-28-380
Gerber	Maxwell Dual Flush	DF-21-102	21-152	DF-28-190
Gerber	Ultra Flush	EF-21-318	21-377	EF-28-380
Gerber	Ultra Flush	EF-21-324	21-377	EF-28-384
Gerber	Wicker Park	20-020**	21-186**	28-186**
Gerber	Ultra Flush	EF-21-310	21-374	EF-28-380
Gerber	Maxwell 1.28	21-902**	21-952**	28-990**
Gerber	Ultra Flush	EF-21-325	21-375	EF-28-380
Gerber	Avalanche 1.28	21-014-**		
Gerber	Avalanche 1.28	HE-21-800	HE-21-852	HE-28-895
Gerber	Avalanche 1.28	HE-21-802	HE-21-852	HE-28-890
Gerber	Avalanche 1.28	HE-21-810-**	HE-21-862-**	HE-28-895-**
Gerber	Maxwell Dual Flush	DF-21-112-**	21-162-**	DF-28-190-**

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BRANDNAME	MODELNAME	MODELNUMBER	Bowl Model Number	Tank Model Number
Gerber	Avalanche 1.28	HE-21-818	HE-21-828	HE-28-890
Gerber	Ultra Flush	DF-21-302	21-342	DF-28-380
Gerber	Maxwell 1.28	21-912**	21-962**	28-990**
Gerber	Maxwell 1.28	21-918**	21-928**	28-990**
Gerber	Maxwell Dual Flush	DF-21-100-**	21-152-**	DF-28-195-**
Gerber	Maxwell Dual Flush	DF-21-110-**	21-162-**	DF-28-195-**
Gerber	Maxwell Dual Flush	DF-21-117-**	21-128-**	DF-28-195-**
Gerber	Maxwell Dual Flush	DF-21-118	21-128	DF-28-190
Gerber	Avalanche 1.28	HE-21-812-**	HE-21-862-**	HE-28-890-**
Glacier Bay (a Home Depot brand)	Glacier Bay	340-995	N2428RB	N2428T
Glacier Bay (a Home Depot brand)		1000669708		
Glacier Bay (a Home Depot brand)	Round Front HET AIO	779-923	779-923B	779-923T
Glacier Bay (a Home Depot brand)	Power One 1.0 PA AIO	385-195	N2310B	N2310T
Glacier Bay (a Home Depot brand)	Glacier Bay	674-753	N7717	N7715T
Glacier Bay (a Home Depot brand)	Glacier Bay	669-705	N2316B	N2316T-IN
Glacier Bay (a Home Depot brand)	Glacier Bay	169-564	N7717	N7715T
Glacier Bay (a Home Depot brand)	Elongated HET AIO	331-725	331-725B	331-725T
Glacier Bay (a Home Depot brand)		131-926		
Glacier Bay (a Home Depot brand)		1000669709	LL-2005-Y	T-2005-YL
Glacier Bay (a Home Depot brand)	Glacier Bay	669-706	331-725B	135-438T-IN
Glacier Bay (a Home Depot brand)		1000670413		
Glacier Bay (a Home Depot brand)	Elongated HET	331-725	N2225EB	N2225T
Glacier Bay (a Home Depot brand)		331-725 (BT6001)		
Glacier Bay (a Home Depot brand)		535-904		
Glacier Bay (a Home Depot brand)		780-036		
Glacier Bay (a Home Depot brand)	Dual Flush Elongated Toilet AIO	215-583	N2316B	N2316T
Greentide	GT 6811H-S			666-1
Greentide	GT 6810H-S			666-1
Greentide	GT 6811H			666-2
Greentide	GT 6810H			666-2
HCG		CS1004	C1003-3"	S1004 3 inch
HCG		CS5518Q	C5518Q	S5518
HCG		CS4510	C4510	S4510
HCG		C6811+S140-3"	C6811	S140 3 inch
HCG		C4520		
HCG		C2002+S140-3"	C2002	S140 3 inch

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BRANDNAME	MODELNAME	MODELNUMBER	Bowl Model Number	Tank Model Number
HCG		C6816+S140-3"	C6816	S140 3 inch
Hennessy & Hinchcliffe Inc.	Proficiency Elongated	N7717	N7717	N7715T
Hennessy & Hinchcliffe Inc.	Proficiency Round Front	N7716	N7716	N7715T
Hennessy & Hinchcliffe Inc.	Paragon	WM1631		
Hennessy & Hinchcliffe Inc.	Meridian	WM2631	WM2631B	WM2631T
Hennessy & Hinchcliffe Inc.	Claremont One-piece	N4418		
Hennessy & Hinchcliffe Inc.	Claremont	N4417	N4417	N4415T
Hennessy & Hinchcliffe Inc.	Simcoe	N4416	N4416	N4415T
Icera	Julian	C-2320		
Icera	Riose	C-6200		
Icera	Vanier	C-2650		
Icera	Wilshire	C-2660		
INAX	Mead	C-622S-MC-US	C-60S	T-4535U-US
INAX	Rio Grande	C-621S-MC-US	C-60S	T-4510U-US
INAX	Saint Clair	NC-420S-US		
INAX	Magellan	C-620S-MC-US	C-60S	T-4580U-US
INAX	Dover	NC-430S-US		
INAX	Satis	D-S418-VL-US/**	BC-S11S(300)-US/**	DV-S418-VL-US
INAX	Cedar	C-610S-MC-US	C-60S	T-4560U-US
Jacuzzi	Espre	EZ36xxx		
Jacuzzi	Perfecta	GU04xxx		
Jacuzzi	Prescott	GV80xxx		
Kallista	Citizen	P70340		
Kallista	Persephone	P70350		
Kallista	Bridgeton	P70300	P70301	P70302
Kallista	Plie	P70310	P70311	P70312
Kohler	Memoirs	K-3817-U	K-4380	K-4434-U
Kohler	Persuade	K-3753	K-4353	K-4442
Kohler	San Raphael	K-3648		
Kohler	San Raphael Power Lite	K-3393		
Kohler	San Raphael	K-3607		
Kohler	San Raphael Pressure Lite	K-3597		
Kohler	Saile	K-3564		
Kohler	Rêve	K-3797		
Kohler	Persuade	K-3723	K-4353	K-4441
Kohler	Persuade	K-3654	K-4322	K-4419

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BRANDNAME	MODELNAME	MODELNUMBER	Bowl Model Number	Tank Model Number
Kohler	Numi	K-3900		
Kohler	Santa Rosa	K-10491		
Kohler	Memoirs Complete Solution	K-10493	K-4380	K-4433
Kohler	Wellworth	K-3577	K-4179	K-4436
Kohler	Memoirs	K-3817	K-4380	K-4434
Kohler	Memoirs	K-3816-U	K-4380	K-4433-U
Kohler	Memoirs	K-3816	K-4380	K-4433
Kohler	Memoirs Complete Solution	K-10494	K-4380	K-4434
Kohler	Wellworth	K-3948-U	K-4198	K-4841-U
Kohler	Santa Rosa	K-3810		
Kohler	Memoirs	K-3813		
Kohler	Wellworth Pressure Lite	K-3531	K-4303	K-4484
Kohler	Wellworth	K-3998-U	K-4198	K-4467-U
Kohler	Wellworth	K-3998	K-4198	K-4467
Kohler	Wellworth	K-3997-U	K-4197	K-4467-U
Kohler	Wellworth	K-14797	K-4197	K-4436
Kohler	Wellworth	K-3949-U	K-4199	K-4841-U
Kohler	Santa Rosa	K-10492		
Kohler	Wellworth	K-3948	K-4198	K-4841
Kohler	Wellworth	K-3947-U	K-4197	K-4841-U
Kohler	Wellworth	K-3947	K-4197	K-4841
Kohler	Wellworth	K-3575	K-4198	K-4436
Kohler	Wellworth	K-11498	K-4198	K-4436
Kohler	Wellworth	K-11497	K-4197	K-4436
Kohler	Strela	K-3598	K-4379	K-4742
Kohler	Wellworth	K-3997	K-4197	K-4467
Kohler	Cavata	K-12697	K-4197	K-4835
Kohler	Archer	K-10495	K-4356	K-4431
Kohler	Cimarron	K-3887	K-4347	K-4166
Kohler	Cimarron	K-3609-U	K-4309	K-4421-U
Kohler	Cimarron	K-3609	K-4309	K-4421
Kohler	Cimarron	K-15409	K-4347	K-4166
Kohler	Cimarron	K-11813	K-4309	K-4421
Kohler	Cimarron	K-11451	K-4309	K-4421
Kohler	Cimarron EcoSmart	K-3496-HE	K-4286	K-4634-HE
Kohler	Cavata	K-12698	K-4198	K-4835

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BRANDNAME	MODELNAME	MODELNUMBER	Bowl Model Number	Tank Model Number
Kohler	Cavata	K-3959	K-4199	K-4835
Kohler	Barrington	K-3652	K-4327	K-4484
Kohler	Barrington	K-3578	K-4305	K-4484
Kohler	Bancroft	K-3827	K-4067	K-4383
Kohler	Archer	K-3639		
Kohler	Archer	K-3551	K-4356	K-4431
Kohler	Tresham	K-3950	K-4799	K-4899
Kohler	Memoirs	K-3812		
Kohler	Cavata	K-3958	K-4198	K-4835
Kohler	Highline	K-3658	K-4199	K-4436
Kohler	Devonshire	K-3678	K-4288	K-4446
Kohler	Kelston	K-11453	K-4306	K-4469
Kohler	Highline Pressure Lite	K-3519	K-4304	K-4484
Kohler	Highline	K-3999-U	K-4199	K-4467-U
Kohler	Highline	K-3999	K-4199	K-4467
Kohler	Highline	K-3889-U	K-4373	K-4467-U
Kohler	Highline	K-3889	K-4373	K-4467
Kohler	Cavata	K-3957	K-4197	K-4835
Kohler	Highline	K-3713	K-4373	K-4436
Kohler	Kelston	K-11844	K-4306	K-4469
Kohler	Highline	K-14799	K-4199	K-4436
Kohler	Highline	K-11499	K-4199	K-4436
Kohler	Gabrielle	K-3615		
Kohler	Fountainhead	K-3524		
Kohler	Escale	K-3588	K-4308	K-4472
Kohler	Kelston	K-3755	K-4306	K-4469
Kohler	Devonshire Complete Solution	K-14824	K-4397	K-4438
Kohler	Devonshire	K-3837	K-4397	K-4438
LAUFEN	Alessi One		822976	826971
LAUFEN	Mylife		822943	826941
LAUFEN	Palomba		824806	828803
LAUFEN	Form		823676	827673
LAUFEN	LB3		824684	828683
LAUFEN	Laufen Pro		824958	826953
LOTA	2-pc; Single Gravity Flush; Elongated	CT-113	CF-113	TA-113
LOTA	2-pc; Single Gravity Flush; Elongated	CT-123	CF-123	TA-123

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BRANDNAME	MODELNAME	MODELNUMBER	Bowl Model Number	Tank Model Number
LOTA	2-pc; Single Gravity Flush; Elongated	CT-201	CF-201	TA-201
LOTA	2-pc; Single Gravity Flush; Round	CT-202	CF-202	TA-202
Mansfield	Summit	382-3386	382	3386
Mansfield	Maverick 1.1	1013-1012	1013	1012
Mansfield	Maverick 1.28	111-112	111	112
Mansfield	Quantum	144-153	144	153
Mansfield	QuantumOne	146-153	146	153
Mansfield	Waverly 1.28	4197-3195	4197	3195
Mansfield	QuantumOne	148-153	148	153
Mansfield	Summit	380-3386	380	3386
Mansfield	Summit	384-3386	384	3386
Mansfield	Maverick	114-112	114	112
Mansfield	QuantumOne	147-153	147	153
Mansfield	704 Prestigio	704		
Mansfield	Maverick	113-112	113	112
Mansfield	QuantumOne	149-153	149	153
Mansfield	Alto 1.28	4130-3121	4130	3121
Mansfield	Alto 1.28	4135-3121	4135	3121
Mansfield	Alto 1.28	4137-3121	4137	3121
Mansfield	EcoQuantum	146-119	146	119
Mansfield	EcoQuantum	147-119	147	119
Mansfield	EcoQuantum	148-119	148	119
Mansfield	Enso	177-178	177	178
Mansfield	EcoQuantum	149-119	149	119
Mansfield	EcoQuantum	144-119	144	119
Medyag	6810H-S			
Medyag	6810H			
Medyag	6811H			
Medyag	6811H-S			
Mirabelle (a Ferguson brand)	MIRBD240XX/MIRBD214XX	MIRBD240XX/MIRBD214XX	MIRBD240XX	MIRBD214XX 14 inch
Mirabelle (a Ferguson brand)	MIRBD250XX/MIRBD214XX	MIRBD250XX/MIRBD214XX	MIRBD250XX	MIRBD214XX 14 inch
Mirabelle (a Ferguson brand)	MIRBD250XX/MIRBD210XX	MIRBD250XX/MIRBD210XX	MIRBD250XX	MIRBD210XX 10 inch
Mirabelle (a Ferguson brand)	MIRBD230XX/MIRBD200UXX	MIRBD230XX/MIRBD200UXX	MIRBD230XX	MIRBD200UXX - Liner
Mirabelle (a Ferguson brand)	MIRBD250XX/MIRBD200XX	MIRBD250XX/MIRBD200XX	MIRBD250XX	MIRBD200XX 12 inch
Mirabelle (a Ferguson brand)	MIRBD250XX/MIRBD200UXX	MIRBD250XX/MIRBD200UXX	MIRBD250XX	MIRBD200UXX - Liner
Mirabelle (a Ferguson brand)	MIRBD240XX/MIRBD210XX	MIRBD240XX/MIRBD210XX	MIRBD240XX	MIRBD210XX 10 inch

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BRANDNAME	MODELNAME	MODELNUMBER	Bowl Model Number	Tank Model Number
Mirabelle (a Ferguson brand)	MIRBD240XX/MIRBD200XX	MIRBD240XX/MIRBD200XX	MIRBD240XX	MIRBD200XX 12 inch
Mirabelle (a Ferguson brand)	MIRBD240XX/MIRBD200UXX	MIRBD240XX/MIRBD200UXX	MIRBD240XX	MIRBD200UXX - Liner
Mirabelle (a Ferguson brand)	MIRBD230XX/MIRBD214XX	MIRBD230XX/MIRBD214XX	MIRBD230XX	MIRBD214XX 14 inch
Mirabelle (a Ferguson brand)	MIRBD230XX/MIRBD200XX	MIRBD230XX/MIRBD200XX	MIRBD230XX	MIRBD200XX 12 inch
Mirabelle (a Ferguson brand)	MIRBD230XX/MIRBD210XX	MIRBD230XX/MIRBD210XX	MIRBD230XX	MIRBD210XX 10 inch
Niagara	Elongated HET	N2225E-RT	N2225E-RT	N2225T-RT
Niagara	Stealth Elongated	N7717TESST	N7717	N7715T
Niagara	Stealth Elongated	N7717	N7717	N7715T
Niagara	Stealth	N7717 / N7714	N7717	N7714T
Niagara	Stealth Round Front	N7716	N7716	N7715T
Niagara	Power One	N2310R	N2310RB	N2310T
Niagara	Eco-Logic	N2225E	N2225EB	N2225T
Niagara	Dual Flush Elongated Toilet	N2316	N2316B	N2316T
Niagara	Cottage	N2228	N2228B	N2228T
Niagara	1.0 PA	N2310	N2310B	N2310T
Niagara		N2428R-DF	N2428RB-DF	N2316T
Niagara		N2428R	N2428RB	N2428T
Niagara	Stealth		N7716	N7714
Niagara	Eco-Logic	N2225R	N2225RB	N2225T
Noken S.A.	Arquitect One Piece Toilet	100082514		
Noken S.A.	Urban One Piece Toilet	100082516		
OPS	GREEN DAY EL	T/X-66892E	T-66892E	X-66892
OPS	GREEN DAY RF	T/X-66891	T-66891	X-66891
OPS	GREEN DAY EL	T/X-66891E	T-66891E	X-66891
OPS	GREEN DAY ADA	T/X-66892H	T-66892H	X-66892
OPS	GREEN DAY ADA	T/X-66891H	T-66891H	X-66891
OPS		T-8813		
OPS		T/X-6688H	T-6688H	X-6688
OPS		T/X-6688E	T-6688E	X-6688
OPS		T/X-6688	T-6688	X-6688
OPS	GREEN DAY RF	T/X-66892	T-66892	X-66892
OPS		T-88132		
ORION	Green Sense EL		50320	51299
ORION	Green Sense RD		50299	51299
Pegasus (a Home Depot brand)	Cottage	840-565	N2228B	N2228T
Pegasus (a Home Depot brand)	Westminster	780-036	780-036B	780-036T

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**REBATE ELIGIBLE PRODUCT LIST**  
**TOILETS\***

BRANDNAME	MODELNAME	MODELNUMBER	Bowl Model Number	Tank Model Number
PENGUIN	14	14	14	14
PENGUIN	524	524	524	524
PENGUIN	527	527	527	527
Pfister		VTP-E10W		
Pfister		VTP-E11W	VTP-E11WB	VTP-E11WT
Pfister		VTP-E21W	VTP-E21/31WB	VTP-E21WT
Pfister		VTP-E51W	VTP-E51WB	VTP-E51WT
Porcher	Ovale EL RH	90750-28	41750-28	40750-28
Porcher	Veneto III 1pc	97320-28		
Porcher	Solutions	97010-11	47010-11	Geberit 111.335.xx.x
Porcher	Ovale RF RH	90850-28	41850-28	40750-28
Porcher	Ovale RF RH	90850-28	41850-00	40750-28
Porcher	Ovale 1pc EL	97620-28		
Porcher	Lutezia Round Front High-Efficiency Toilet	90450-28	40450-00	41350-28
Porcher	Lutezia EL RH	90550-28	40550-28	41350-28
Porcher	Lutezia EL RH	90550-28	40550-00	41350-28
Porcher	Chapeau 1pc	97820-28		
Porcher	Archive 1pc	97920-28		
Porcher	Ovale EL RH	90750-28	41750-00	40750-28
ProFLO (a Ferguson brand)	PF9403XX/PF9414XX	PF9403XX/PF9414XX	PF9403XX	PF9414XX 14 inch
ProFLO (a Ferguson brand)	PF9400XX/PF9412UXX	PF9400XX/PF9412UXX	PF9400XX	PF9412UXX - Liner
ProFlo (a Ferguson brand)	PF9400XX/PF9414XX	PF9400XX/PF9414XX	PF9400XX	PF9414XX
ProFLO (a Ferguson brand)	PF9401XX/PF9410XX	PF9401XX/PF9410XX	PF9401XX	PF9410XX 10 inch
ProFLO (a Ferguson brand)	PF9401XX/PF9412UXX	PF9401XX/PF9412UXX	PF9401XX	PF9412UXX - Liner
ProFlo (a Ferguson brand)	PF9401XX/PF9412XX	PF9401XX/PF9412XX	PF9401XX	PF9412XX
ProFLO (a Ferguson brand)	PF9401XX/PF9414XX	PF9401XX/PF9414XX	PF9401XX	PF9414XX 14 inch
ProFLO (a Ferguson brand)	PF9400XX/PF9410XX	PF9400XX/PF9410XX	PF9400XX	PF9410XX 10 inch
ProFLO (a Ferguson brand)	PF9403XX/PF9412UXX	PF9403XX/PF9412UXX	PF9403XX	PF9412UXX - Liner
ProFLO (a Ferguson brand)	HET Single Flush EF		PF6101HE	PF6112HE
ProFLO (a Ferguson brand)	PF9403XX/PF9410XX	PF9403XX/PF9410XX	PF9403XX	PF9410XX 10 inch
ProFLO (a Ferguson brand)	PF1600PAXX/PF1612PAXX	PF1600PAXX/PF1612PAXX	PF1600PAXX	PF1612PAXX
ProFLO (a Ferguson brand)	HET Single Flush EF		PF6201HE	PF6212HE
ProFLO (a Ferguson brand)	HET Single Flush ADA		PF9403	PF9412
ProFLO (a Ferguson brand)	HET Single Flush 1.0 GPF P/A EL Toilet		PF1601PA	PF1612PA
ProFLO (a Ferguson brand)	HET Single Flush 1.0 GPF P/A ADA Toilet		PF1603PA	PF1612PA
ProFLO (a Ferguson brand)	HET Gravity Flush RF		PF9400	PF9412

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**REBATE ELIGIBLE PRODUCT LIST**  
**TOILETS\***

BRANDNAME	MODELNAME	MODELNUMBER	Bowl Model Number	Tank Model Number
ProFLO (a Ferguson brand)	HET Gravity Flush EF		PF9401	PF9412
ProFLO (a Ferguson brand)	HET Dual Flush RF		PF9300	PF9312
ProFLO (a Ferguson brand)	HET Dual Flush EF		PF9301	PF9312
ProFLO (a Ferguson brand)	HET Dual Flush ADA		PF9303	PF9312
ProFlo (a Ferguson brand)	PF1605WH/PF1612PAWH	PF1605WH/PF1612PAWH	PF1605WH	PF1612PAWH
Quality Craft	Alexis HET	30013K	3001	3003
Quality Craft	Alexis HET Dual Flush	30014K	3001	3004
ROCA	HAPPENING		B 342569000	B 341569000
ROCA	HALL		B 342888000	B 341888000
ROCA	DAMA SENSO		B 34251U000	B 34151U000
Seasons (a HD Supply brand)			SE10056	SE10055
Seasons (a HD Supply brand)			564-833	564-832
Seasons (a HD Supply brand)	Seasons		SE10040	SE10039
Seasons (a HD Supply brand)	Seasons		SE10041	SE10039
Seasons (a HD Supply brand)	Seasons	SE10042		
Seasons (a HD Supply brand)			564-852	564-851
Seasons (an HD Supply brand)			SE10058	SE10057
Seasons (an HD Supply brand)			SE10056	SE10055
Seasons (an HD Supply brand)			SE10041	SE10039
Seasons (an HD Supply brand)			SE10040	SE10039
Seasons (an HD Supply brand)			SE10415	SE10417
Seasons (an HD Supply brand)			564-856	564-854
Seasons (an HD Supply brand)			SE10416	SE10417
Seasons (an HD Supply brand)			564-852	564-851
Seasons (an HD Supply brand)			564-833	564-832
Sloan Valve		WETS-9020.9010	ST-9020	ST-9010
Sloan Valve		WETS-9022.9012	ST-9022	ST-9012
Sloan Valve		WETS-9020.9110	ST-9020	ST-9110
Sloan Valve		WETS-9002.9012	ST-9002	ST-9012
Sloan Valve		WETS-9000.9010	ST-9000	ST-9010
Sloan Valve		WETS-9000.9110	ST-9000	ST-9110
St. Thomas Creations	Celebration ECO 1PC CHEL	6131.128.xx		
St. Thomas Creations	Neo-Venetian ECO 2PC CHEL ADA		6123.218.xx	6123.028.xx
St. Thomas Creations	Richmond ECO 2PC CHRf		6123.128.xx	6125.028.xx
St. Thomas Creations	Richmond ECO 2PC CHEL ADA		6123.218.xx	6125.028.xx
St. Thomas Creations	Richmond ECO 1PC CHEL	6125.128.xx		

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City of Rifle  
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**REBATE ELIGIBLE PRODUCT LIST**  
**TOILETS\***

BRANDNAME	MODELNAME	MODELNUMBER	Bowl Model Number	Tank Model Number
St. Thomas Creations	Presley ECO 2PC CHEL ADA		6401.033.xx	6401.028.xx
St. Thomas Creations	Presley ECO 1PC CHEL	6401.128.xx		
St. Thomas Creations	Palermo ECO 2PC CHRF		6137.218.xx	6137.028.xx
St. Thomas Creations	Palermo ECO 2PC CHEL		6137.821.xx	6137.082.xx
St. Thomas Creations	Palermo ECO 2PC CHEL		6137.128.xx	6137.028.xx
St. Thomas Creations	Palermo ECO 1PC CHEL	6006.128.xx		
St. Thomas Creations	Arlington ECO 2PC CHEL ADA		6119.821.xx	6119.028.xx
St. Thomas Creations	Neo-Venetian ECO 1PC CHEL	6123.128.xx		
St. Thomas Creations	Malibu ECO 1PC CHRF	6116.213.xx		
St. Thomas Creations	Malibu ECO 1PC CHEL	6116.128.xx		
St. Thomas Creations	Impala ECO 2PC HET 1.28 gpf Round-Front WC		6208.821.xx	6208.028.xx
St. Thomas Creations	Arlington ECO 1PC CHEL	6119.128.xx		
St. Thomas Creations	Impala ECO 2PC HET 1.28 gpf Elongated ADA WC		6208.218.xx	6208.028.xx
St. Thomas Creations	Barrymore ECO 2PC CHEL ADA		6171.128.xx	6171.028.xx
St. Thomas Creations	Arlington ECO 2PC CHRF		6119.218.xx	6119.028.xx
St. Thomas Creations	Neo-Venetian ECO 2PC CHEL		6123.821.xx	6123.028.xx
St. Thomas Creations	Impala ECO 2PC HET 1.28 gpf Elongated WC		6208.128.xx	6208.028.xx
Sterling	Rockton PB	402024	402021	402022
Sterling	Stanton	402040		
Sterling	Stinson	402076	403070	402091
Sterling	Stinson	404702	403070	402091
Sterling	Windham	402079	403215	404544
Sterling	Windham	402080	403015	404555
Sterling	Rockton EB	402027	402026	402022
Sterling	Windham	402082	403315	404555
Sterling	Stinson	402077	403370	402091
Sterling	Windham	404700	403215	404555
Sterling	Windham	402081	403215	404555
Sterling	Karsten	402087	402086	402023
Sterling	Riverton	404701	403215	404552-U
Sterling	Riverton	402085-U	403315	404552-U
Sterling	Riverton	402085	403315	404552
Sterling	Riverton	402084-U	403215	404522-U
Sterling	Riverton	402084	403215	404552
Sterling	Riverton	402083-U	403015	404552-U
Sterling	Riverton	402083	403015	404552

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**REBATE ELIGIBLE PRODUCT LIST**

**TOILETS\***

BRANDNAME	MODELNAME	MODELNUMBER	Bowl Model Number	Tank Model Number
Sterling	Karsten PB	402025	402021	402023
Sterling	Karsten EB	402028	402026	402023
Sterling	Windham	402078	403015	404544
Sterling	Rockton	402088	402086	402022
Swell	22114		2214	3214
TOTO	EcoSupreme	MS863***E		
TOTO	EcoLloyd	MS934304EF		
TOTO	EcoNexus	CST794EF	CT794EF	ST794E
TOTO	EcoPromenade	CST423EF(G)	C423EF(G)	ST423E
TOTO	Supreme II	MS634***CEF(G)		
TOTO	EcoPromenade	CST424EF(G)	C424EF(G)	ST423E
TOTO	EcoSoiree	MS964***CEF(G)		
TOTO	EcoGuinevere	MS974***CEF(G)		
TOTO	EcoLloyd	MS934***EF		
TOTO	EcoSupreme	MS864***E		
TOTO	EcoUltramax	MS853***E		
TOTO	EcoUltramax	MS854***E(G)		
TOTO	EcoUltramax	MS854***EL(G)		
TOTO	EcoWhitney	CST754EFN	C754EF	ST754E
TOTO	Neorest 550	MS980CMG		
TOTO	UltraMax II	MS604***CEF(G)		
TOTO	Vespin II	CST474CEF(G)	CT474CEF(G)	ST454E
TOTO	Aquia UH	CST412MF.10	CT412MF.10	ST412M
TOTO	Legato	MS624***CEF(G)		
TOTO	Aquia		CT418FG	Geberit 111.728.xx.x
TOTO	EcoDrake	CST744EL	C744EL	ST743E
TOTO	Aimes	MS626***CEF(G)		
TOTO	Aquia		CT418FG	Geberit 111.255.xx.x
TOTO	Aquia	CST414M	CT414	ST413M
TOTO	Aquia II	CST416M	CT416	ST416M
TOTO	Aquia III	CST464M	CT464	ST464M
TOTO	Aquia IIIUH	CST464MF	CT464F	ST464M
TOTO	Aquia UH	CST412MF	CT412F	ST412M
TOTO	EcoDrake	CST744EF.10	C744EF.10	ST743E
TOTO	Carlyle II	MS614***CEF(G)		
TOTO	Drake II	CST454CEF(G)	C454CEF(G)	ST454E

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**REBATE ELIGIBLE PRODUCT LIST**  
**TOILETS\***

BRANDNAME	MODELNAME	MODELNUMBER	Bowl Model Number	Tank Model Number
TOTO	EcoClayton	CST784EF	C784EF	ST784E
TOTO	EcoDartmouth	CST754EF	C754EF	ST753E
TOTO	EcoDrake	CST743E	C743E	ST743E
TOTO	EcoDrake	CST744E(G)	C744E	ST743E
TOTO	Carolina II	MS644***CEF(G)		
TOTO	Aquia		CT418FG	Geberit 111.335.xx.x
Tynan	Louth	4510.XX	7510	1712
Tynan	Louth	4512.XX	7512	1712
Tynan	Maclair	4335	342	1310 10 inch
Tynan	Maclair	4337	347	1310 10 inch
Tynan	Maclair	4339	343	1310 10 inch
Tynan	Maclair	4340	342	1314 14 inch
Tynan	MacLair	4347	347	1342
Tynan	MacLair EF	4343	343	1342
Tynan	Nore	4346	346	1346
Tynan	Foyle	4345	345	1345
Tynan	Brady	4383	343	1320 10 inch
Tynan	MacLair RF	4342	342	1342
Tynan	Brady	4382	342	1320 10 inch
Tynan	Avoca	4344	344	1344
Tynan	Brady	4372	342	1322
Tynan	Brady	4392	342	1324 14 inch
Tynan	Brady	4377-L	347	1322-L
Tynan	Cascade RF	4352	352	1312
Tynan	Brady	4387	347	1320 10 inch
Tynan	Brady	4393	343	1324 14 inch
Tynan	Brady	4397	347	1324 14 inch
Tynan	Cascade ADA	4354	354	1312
Tynan	Cascade EF	4353	353	1312
Tynan Plumbing Fixtures	Maclair	4342-L	342	1342-L
Tynan Plumbing Fixtures	Maclair	4360	347	1314
Tynan Plumbing Fixtures	Maclair	4347-L	347	1342-L
Tynan Plumbing Fixtures	Maclair	4343-L	343	1342-L
Tynan Plumbing Fixtures	Maclair	4350	343	1314
Tynan Plumbing Fixtures	Louth	4500.XX	7508	1712
Tynan Plumbing Fixtures	Brady	4377	347	1322

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**REBATE ELIGIBLE PRODUCT LIST**  
**TOILETS\***

BRANDNAME	MODELNAME	MODELNUMBER	Bowl Model Number	Tank Model Number
Tynan Plumbing Fixtures	Brady	4373-L	343	1322-L
Tynan Plumbing Fixtures	Brady	4373	343	1322
Tynan Plumbing Fixtures	Brady	4372-L	342	1322-L
Tynan Plumbing Fixtures	Louth FMBO	4530	7530	1712
Villeroy & Boch	BELLEVUE		5666 11	5764 U1
Villeroy & Boch	HOMMAGE		6662 11	7721 U1
Villeroy & Boch	SENTIQUE		5625 11	5722 U1
Villeroy & Boch	Subway		6610 11 XX	7723 U1 XX
Villeroy & Boch	AVEO		6614 11 XX	7724 U1 XX
VitrA	Evergreen		5076	5055
VitrA	Evergreen		5196	5402
VitrA	Evergreen		5074	5055
VitrA	Evergreen		5065	5066
VitrA	Evergreen		5195	5402
Vortens	Loretto EL		3137	3475
Vortens	Loretto RF		3213	3475
Vortens	Vienna Victory		3209	3420
Vortens	Vienna RF		3208	3436
Vortens	Vienna RF		3208	3420
Vortens	Vienna ELX		3113	3436
Vortens	Vienna ELX		3113	3420
Vortens	Tornado ADA		3134	3468
Vortens	Rhodas DF		3123	3436
Vortens	Vienna Victory		3209	3436
Vortens	Dominic ADA		3123	3472
Vortens	Loretto ADA		3140	3475
Vortens	Tornado		3138	3468
Vortens	Delfos	3130	3130	3130
Vortens	Dominic EL		3113	3472
Vortens	Dominic RF		3208	3472
Vortens	Dominic Victory		3209	3472
Vortens	Hurricane		3140	3473
Vortens	Hurricane EL		3137	3473
Vortens	Hurricane RF		3213	3473
Vortens	Dali	5928	5101	5201
WaterRidge	Grace Dual Flush One Piece Toilet	C22055C	C540552	C520093

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**REBATE ELIGIBLE PRODUCT LIST**  
**TOILETS\***

BRANDNAME	MODELNAME	MODELNUMBER	Bowl Model Number	Tank Model Number
WaterRidge		C21083C	C531092	C600190
WaterRidge	360380 Two Piece Toilet	C21075C	C531082	C600137
WaterRidge	C21079C	C21079C		
Western Pottery		872-HET	B872	T8-HET
Western Pottery		822-HET	B822	T8-HET
Western Pottery		832-HET	B832	T8-HET
Winfield		PAT155-100	PAB155	PAK100
Winfield		PAT165-100	PAB165	PAK100
Winfield		PAT165-128	PAB165	PAK128
Winfield	T3511 2-PC TOILET		TB3511	TK3511
Winfield	T3512 2-PC TOILET		TB3512	TK3512
Winfield	T3513 2-PC TOILET		TB3513	TK3513
Zurn	EcoVantage Round Front Toilet	Z5576	Z5575-BWL	Z5561-TNK
Zurn	EcoVantage Dual Flush Round Front Toilet	Z5577	Z5575-BWL	Z5562-TNK
Zurn	EcoVantage Dual Flush; Elongated Toilet	Z5572	Z5570-BWL	Z5562-TNK
Zurn	EcoVantage Dual Flush; Elongated; ADA Toilet	Z5562	Z5560-BWL	Z5562-TNK
Zurn	EcoVantage Elongated ADA Toilet	Z5561	Z5560-BWL	Z5561-TNK
Zurn	EcoVantage Elongated Toilet	Z5571	Z5570-BWL	Z5561-TNK

Disclaimer of Endorsement: Reference herein to any specific commercial products, process, or service by trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the City of Rifle.

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## CEE Qualifying Residential Clothes Washers

September 19, 2011

This list is based on the 2011 CEE Residential Clothes Washer Specifications (see tab below).

The list is updated monthly. See the CEE website ([www.cee1.org](http://www.cee1.org)) for the most recent listing.

Brand	Model	Modified Energy Factor (MEF)	Water Factor (WF)	Uses Silver Ion Technology?	CEE Tier
Amana	NFW7300W*+	2.39	4.0	No	2
<b>Amana</b>	<b>NFW7400V*+</b>	<b>2.58</b>	<b>4.0</b>	<b>No</b>	<b>3</b>
Amana	NFW7500V*+	2.22	4.2	No	2
Amana	NFW7600X*+	2.35	4.1	No	2
Ariston	ARWDF 129 (NA) #	2.15	5.1	No	1
Ariston	ARWDF 129 S (NA) #	2.15	5.1	No	1
<b>Ariston</b>	<b>ARWDF 129**</b>	<b>2.01</b>	<b>5.5</b>	<b>No</b>	<b>1</b>
Ariston	ARWF 149 (NA) #	2.08	5.8	No	1
Ariston	ARWF 149 S (NA) #	2.08	5.8	No	1
<b>Ariston</b>	<b>ARWF 149**</b>	<b>2.11</b>	<b>5.7</b>	<b>No</b>	<b>1</b>
Ariston	ARWL 129 (NA) #	2.15	5.1	No	1
Ariston	ARWL 129 S (NA) #	2.15	5.1	No	1
<b>Ariston</b>	<b>ARWL 129**</b>	<b>2.01</b>	<b>5.5</b>	<b>No</b>	<b>1</b>
Ariston	ARWXF 129 W (NA) #	2.15	5.1	No	1
Ariston	ARXL 129 W SP	2.01	5.5	No	1
Ariston	AW129	2.25	6.0	No	1
Ariston	AW149	2.25	6.0	No	1
Asko	W6022	2.30	3.4	No	2
Asko	W6222	2.30	3.4	No	2
Asko	W6324*	2.60	3.3	No	3
Asko	W6424*	2.60	3.3	No	3
Asko	W6863SS	2.40	4.2	No	2
Asko	W6863T	2.40	4.2	No	2
Asko	W6863W	2.40	4.2	No	2
Asko	W6884 ECO	2.68	3.30	No	3
Asko	W6903FI	2.40	4.2	No	2
Asko	W6903SS	2.40	4.2	No	2
Asko	W6903W	2.40	4.2	No	2
Asko	W6984*	2.60	3.3	No	3
Asko	WL6511	2.04	4.0	No	1
Asko	WL6532XXL**	2.76	3.4	No	3
<b>Beaumont</b>	<b>BTF1240F</b>	<b>2.00</b>	<b>5.4</b>	<b>No</b>	<b>1</b>
<b>Beaumont</b>	<b>BTF2140F</b>	<b>2.01</b>	<b>4.1</b>	<b>No</b>	<b>1</b>
Blomberg	WM 67121 NBL00	2.25	4.8	No	1
Blomberg	WM 87120 NBL00	2.35	4.2	No	2
Bosch	WAE20060UC	2.19	5.6	No	1
Bosch	WAS20160UC	2.14	4.5	No	1
Bosch	WAS24460UC	2.22	4.5	No	2
<b>Bosch</b>	<b>WFMC1001UC</b>	<b>2.24</b>	<b>4.3</b>	<b>No</b>	<b>2</b>
<b>Bosch</b>	<b>WFMC2100UC</b>	<b>2.13</b>	<b>4.7</b>	<b>No</b>	<b>1</b>
<b>Bosch</b>	<b>WFMC220*UC</b>	<b>2.43</b>	<b>4.3</b>	<b>No</b>	<b>2</b>
<b>Bosch</b>	<b>WFMC330*UC</b>	<b>2.40</b>	<b>4.2</b>	<b>No</b>	<b>2</b>
<b>Bosch</b>	<b>WFMC4300UC</b>	<b>2.31</b>	<b>4.6</b>	<b>No</b>	<b>1</b>
<b>Bosch</b>	<b>WFMC4301UC</b>	<b>2.40</b>	<b>4.2</b>	<b>No</b>	<b>2</b>
<b>Bosch</b>	<b>WFMC530*UC</b>	<b>2.47</b>	<b>4.5</b>	<b>No</b>	<b>2</b>
<b>Bosch</b>	<b>WFMC544*UC</b>	<b>2.52</b>	<b>4.5</b>	<b>No</b>	<b>2</b>
<b>Bosch</b>	<b>WFMC5801UC</b>	<b>2.52</b>	<b>4.5</b>	<b>No</b>	<b>2</b>

Brand	Model	Modified Energy Factor (MEF)	Water Factor (WF)	Uses Silver Ion Technology?	CEE Tier
<i>Bosch</i>	<i>WFMC640*UC</i>	<i>2.43</i>	<i>4.1</i>	<i>No</i>	<i>2</i>
<i>Bosch</i>	<i>WFMC840*UC</i>	<i>2.55</i>	<i>4.1</i>	<i>No</i>	<i>2</i>
<i>Bosch</i>	<i>WFMC8440UC</i>	<i>2.52</i>	<i>4.5</i>	<i>No</i>	<i>2</i>
<i>Bosch</i>	<i>WFR2460UC</i>	<i>2.08</i>	<i>5.7</i>	<i>No</i>	<i>1</i>
Bosch	WFVC3300UC	2.55	3.5	No	3
Bosch	WFVC4400UC	2.50	3.5	No	3
Bosch	WFVC5400UC	2.55	3.5	No	3
Bosch	WFVC540SUC	2.55	3.5	No	3
Bosch	WFVC544*UC	2.55	3.5	No	3
Bosch	WFVC6450UC	2.55	3.5	No	3
Bosch	WFVC844*UC	2.55	3.5	No	3
<i>Brault</i>	<i>BLTF2940F</i>	<i>2.22</i>	<i>4.2</i>	<i>No</i>	<i>2</i>
<i>Brault</i>	<i>BLTF6100F</i>	<i>2.29</i>	<i>4.4</i>	<i>No</i>	<i>2</i>
Costco	WTW5610X*+	2.40	3.9	No	3
Crosley	CAW12444X*+	2.48	3.6	No	3
<i>Crosley</i>	<i>CFW4000F</i>	<i>2.01</i>	<i>4.1</i>	<i>No</i>	<i>1</i>
Crosley	CFW4500K**	2.22	4.2	No	2
Crosley	CFW4700***	2.91	3.6	No	3
<i>Crosley</i>	<i>CFW5000F</i>	<i>2.29</i>	<i>4.4</i>	<i>No</i>	<i>2</i>
Crosley	CFW7500K**	2.22	4.4	No	2
Crosley	CFW7700***	3.09	3.3	No	3
Crosley	CFW8000	2.04	4.0	No	1
<i>Crosley</i>	<i>CLCE900F</i>	<i>2.09</i>	<i>5.2</i>	<i>No</i>	<i>1</i>
<i>Crosley</i>	<i>CLCG900F</i>	<i>2.09</i>	<i>5.2</i>	<i>No</i>	<i>1</i>
Electrolux	EIFLS55I***	2.90	3.5	No	3
Electrolux	EIFLS60J**	3.33	2.8	No	3
Electrolux	EIFLW55H***	2.90	3.5	No	3
Electrolux	EIFLW55I***	2.90	3.5	No	3
Electrolux	EWFLS65I***	2.34	3.6	No	2
Electrolux	EWFLS70**	3.29	2.8	No	3
Electrolux	EWFLW65H***	2.31	3.8	No	2
Electrolux	EWFLW65I***	2.31	3.8	No	2
Equator	EZ1612VCEE	2.04	4.9	No	1
<b>Equator</b>	<b>EZ3612CEE</b>	<b>2.04</b>	<b>4.9</b>	<b>No</b>	<b>1</b>
Fisher & Paykel	WA37T26EW2	2.07	6.0	No	1
Fisher & Paykel	WA37T26GW2	2.07	6.0	No	1
Fisher & Paykel	WA37T26GWL15	2.07	6.0	No	1
Fisher & Paykel	WA42T26GW*	2.07	6.0	No	1
Fisher & Paykel	WL26CW1	2.05	6.0	No	1
Fisher & Paykel	WL26CW2	2.15	5.8	No	1
Fisher & Paykel	WL37T26*	2.15	5.8	No	1
Fisher & Paykel	WL37T26*W2	2.25	4.3	No	2
Fisher & Paykel	WL37TD1	2.15	5.8	No	1
Fisher & Paykel	WL42T26***	2.44	3.9	No	3
Frigidaire	ATF6000F**	2.29	4.4	No	2
Frigidaire	ATF6500F	2.04	5.3	No	1
<i>Frigidaire</i>	<i>ATF6500G</i>	<i>2.29</i>	<i>4.4</i>	<i>No</i>	<i>2</i>
Frigidaire	ATF6700F**	2.29	4.4	No	2
<i>Frigidaire</i>	<i>ATF7000F</i>	<i>2.22</i>	<i>4.4</i>	<i>No</i>	<i>2</i>
Frigidaire	ATF8000F**	2.22	4.4	No	2
<i>Frigidaire</i>	<i>ATFB6000F</i>	<i>2.29</i>	<i>4.4</i>	<i>No</i>	<i>2</i>
<i>Frigidaire</i>	<i>ATFB6700F</i>	<i>2.92</i>	<i>4.4</i>	<i>No</i>	<i>2</i>

Brand	Model	Modified Energy Factor (MEF)	Water Factor (WF)	Uses Silver Ion Technology?	CEE Tier
<i>Frigidaire</i>	<i>ATFB7000F</i>	2.22	4.4	No	2
Frigidaire	BAFW3574K**	2.22	4.4	No	2
Frigidaire	BAFW3577K**	2.31	3.8	No	2
<i>Frigidaire</i>	<i>BKFW4271M**</i>	2.91	3.6	No	3
Frigidaire	BLTF2940F**	2.22	4.2	No	2
<i>Frigidaire</i>	<i>BRFW4211M**</i>	2.91	3.6	No	3
Frigidaire	DAFS4474L**	3.21	2.9	No	3
Frigidaire	DAFW3577K**	2.31	3.8	No	2
Frigidaire	FAFS4272L**	3.09	3.3	No	3
Frigidaire	FAFS4473L**	2.96	3.2	No	3
Frigidaire	FAFS4474L**	3.21	2.9	No	3
<i>Frigidaire</i>	<i>FAFW3001**</i>	2.86	3.5	No	3
Frigidaire	FAFW3511K**	2.21	4.3	No	2
Frigidaire	FAFW3514K**	2.21	4.3	No	2
Frigidaire	FAFW3517K**	2.26	3.7	No	2
Frigidaire	FAFW3574K**	2.22	4.4	No	2
Frigidaire	FAFW3577K**	2.31	3.8	No	2
Frigidaire	FAFW3801L**	2.86	3.5	No	3
Frigidaire	FAFW4011L**	2.91	3.6	No	3
Frigidaire	FAFW4070L**	2.91	3.6	No	3
Frigidaire	FAFW4221L**	2.86	3.4	No	3
Frigidaire	FRFW3700L**	2.64	3.2	No	3
Frigidaire	FTF1240F**	2.00	5.4	No	1
Frigidaire	FTF2140F**	2.01	4.1	No	1
<i>Frigidaire</i>	<i>FTF5000H</i>	2.22	4.2	No	2
Frigidaire	FTF530F**	2.27	5.3	No	1
<i>Frigidaire</i>	<i>FTFB2940F</i>	2.22	4.2	No	2
<i>Frigidaire</i>	<i>FTFB4000G</i>	2.01	4.1	No	1
<i>Frigidaire</i>	<i>GLEH1642F**</i>	2.09	5.2	No	1
Frigidaire	GLGH1642F**	2.09	5.2	No	1
Frigidaire	GLTF1570F**	2.00	5.4	No	1
Frigidaire	GLTF2940F**	2.22	4.2	No	2
<i>Frigidaire</i>	<i>GLTF2940K</i>	2.22	4.2	No	2
<i>Frigidaire</i>	<i>GLTR1670F</i>	2.00	5.4	No	1
Frigidaire	LAFW3511K**	2.21	4.3	No	2
<i>Frigidaire</i>	<i>LAFW3574K</i>	2.22	4.4	No	2
Frigidaire	LAFW3577K**	2.31	3.8	No	2
Frigidaire	LAFW6000L**	2.86	3.4	No	3
Frigidaire	LAFW7000L**	3.09	3.3	No	3
Frigidaire	LAFW8000L**	2.96	3.2	No	3
Frigidaire	LTF2140F**	2.01	4.1	No	1
<i>Frigidaire</i>	<i>LTF2140H</i>	2.01	4.1	No	1
Frigidaire	LTF2940F**	2.22	4.2	No	2
<i>Frigidaire</i>	<i>LTF6000F</i>	2.29	4.4	No	2
<i>Frigidaire</i>	<i>LTF6700F</i>	2.29	4.4	No	2
<i>Frigidaire</i>	<i>LTF7000F</i>	2.22	4.4	No	2
<i>Frigidaire</i>	<i>LTF8000F</i>	2.22	4.4	No	2
<i>GE</i>	<i>GBVH5200J</i>	2.22	4.0	No	2
<i>GE</i>	<i>GBVH5300K*</i>	2.33	3.6	No	2
<i>GE</i>	<i>GCVH6400J</i>	2.20	4.0	No	2
<i>GE</i>	<i>GCVH6500K*</i>	2.23	4.0	No	2
<i>GE</i>	<i>GCVH6800J***</i>	2.20	4.2	No	2

Brand	Model	Modified Energy Factor (MEF)	Water Factor (WF)	Uses Silver Ion Technology?	CEE Tier
GE	GFAN1000L*	2.31	3.7	No	2
GE	GFAN1100L***	2.20	4.0	No	2
GE	GFWH2400L***	2.61	3.9	No	3
GE	GFWH2405L***	2.61	3.9	No	3
GE	GFWN1000L**	2.22	4.1	No	2
GE	GFWN1100L***	2.20	4.0	No	2
GE	GFWS3500L***	2.61	3.9	No	3
GE	GFWS3505L***	2.61	3.9	No	3
GE	GLWN5050M0WS	2.20	4.5	N	2
GE	GMAN1200L***	2.20	4.0	No	2
GE	GPRE8350K	2.02	5.4	No	1
GE	GRWN5150M0WS	2.20	4.5	No	2
GE	GTWN4250M0WS	2.07	6.0	No	1
GE	GTWN4450M0WS	2.07	6.0	No	1
GE	GTWN4950L0WS	2.20	4.5	No	2
GE	GTWN5050M0WS	2.20	4.5	No	2
GE	PFWS4600L***	2.69	3.9	No	3
GE	PFWS4605L***	2.69	3.9	No	3
GE	PTWN805#M#**	2.21	4.5	No	2
GE	WBVH5200J**	2.22	4.1	No	2
GE	WBVH5300K**	2.32	3.8	No	2
GE	WCVH4800****	2.30	4.3	No	2
GE	WCVH4815****	2.30	4.3	No	2
GE	WCVH6800J***	2.20	4.2	No	2
GE	WCXH214H	2.00	5.4	No	1
GE	WPDH8800J**	2.23	4.1	No	2
GE	WPDH8900J**	2.23	4.1	No	2
GE	WPDH8910K**	2.23	4.1	No	2
GE	WPRE6150K***	2.02	5.4	No	1
GE	WPRE8150K***	2.02	5.4	No	1
GE Camco	GCRH410H	2.01	4.1	No	1
GE Profile	PTWN6050M0WT	2.20	4.5	No	2
GE Profile	PTWN6250M0WT	2.20	4.5	No	2
Gibson	GTF1040F**	2.00	5.4	No	1
Haier	HWF5000AW	2.20	4.8	No	1
Haier	HWF5300AW	2.40	4.6	No	1
Huebsch	ZFN50+	2.04	4.9	No	1
Huebsch	ZFN51+	2.04	4.9	No	1
Inglis	IFW7300W*+	2.39	4.0	No	2
Kenmore	2125*10+	2.04	5.9	No	1
Kenmore	2130*10+	2.48	3.6	No	3
Kenmore	2135*10+	2.04	5.9	No	1
Kenmore	2139*10+	2.48	3.6	No	3
Kenmore	2600*10+	2.60	3.6	No	3
Kenmore	2601*10+	2.60	3.6	No	3
Kenmore	26-c4802*	2.86	3.5	No	3
Kenmore	2800*10+	2.60	3.6	No	3
Kenmore	2801*10+	2.60	3.6	No	3
Kenmore	2806*80+	2.23	4.4	No	2
Kenmore	2807*80+	2.23	4.4	No	2
Kenmore	2808*70+	2.19	5.4	No	1
Kenmore	2808*80+	2.26	4.5	No	2

Brand	Model	Modified Energy Factor (MEF)	Water Factor (WF)	Uses Silver Ion Technology?	CEE Tier
Kenmore	2808170*+	2.26	4.5	No	2
Kenmore	2808770*+	2.26	4.5	No	2
<i>Kenmore</i>	<i>2809*70+</i>	<i>2.19</i>	<i>5.4</i>	<i>No</i>	<i>1</i>
Kenmore	2809*80+	2.26	4.5	No	2
Kenmore	2809170*+	2.26	4.5	No	2
Kenmore	2809770*+	2.26	4.5	No	2
Kenmore	2947#00#	2.41	4.0	No	3
Kenmore	4002#90#	2.60	3.6	No	3
Kenmore	4012#90#	2.21	3.2	No	2
Kenmore	4013#90#	2.21	3.2	No	2
Kenmore	4014#90#	2.60	3.6	No	3
Kenmore	402.4903*01*	2.50	3.3	No	3
Kenmore	4027#90#	2.75	3.6	No	3
Kenmore	4031#90#	2.88	3.4	No	3
<i>Kenmore</i>	<i>4041****</i>	<i>2.01</i>	<i>5.7</i>	<i>No</i>	<i>1</i>
Kenmore	4044#90#	2.88	3.4	No	3
Kenmore	4153#21#	3.40	2.9	No	3
Kenmore	4154#21#	3.40	2.8	No	3
Kenmore	417.4110*	2.80	3.2	No	3
Kenmore	417.4413*	2.80	3.2	No	3
<i>Kenmore</i>	<i>4407*</i>	<i>2.07</i>	<i>5.9</i>	<i>No</i>	<i>1</i>
Kenmore	4409*	2.00	4.7	No	1
<i>Kenmore</i>	<i>4508*40+</i>	<i>2.19</i>	<i>4.0</i>	<i>No</i>	<i>1</i>
<i>Kenmore</i>	<i>4509*40+</i>	<i>2.19</i>	<i>4.0</i>	<i>No</i>	<i>1</i>
<i>Kenmore</i>	<i>4586*</i>	<i>2.03</i>	<i>4.3</i>	<i>No</i>	<i>1</i>
<i>Kenmore</i>	<i>4587*</i>	<i>2.03</i>	<i>4.3</i>	<i>No</i>	<i>1</i>
<i>Kenmore</i>	<i>4596*</i>	<i>2.03</i>	<i>4.3</i>	<i>No</i>	<i>1</i>
<i>Kenmore</i>	<i>4597****</i>	<i>2.26</i>	<i>4.4</i>	<i>No</i>	<i>2</i>
<i>Kenmore</i>	<i>4598*</i>	<i>2.19</i>	<i>4.0</i>	<i>No</i>	<i>1</i>
<i>Kenmore</i>	<i>4599*</i>	<i>2.19</i>	<i>4.0</i>	<i>No</i>	<i>1</i>
Kenmore	4646*50+	2.10	4.8	No	1
Kenmore	4647*50+	2.10	4.8	No	1
Kenmore	4650*70+	2.22	4.7	No	1
Kenmore	4651*70+	2.22	4.7	No	1
Kenmore	4674*70+	2.28	3.8	No	2
Kenmore	4674*80+	2.28	3.8	No	2
Kenmore	4675*70+	2.28	3.8	No	2
Kenmore	4675*80+	2.28	3.8	No	2
Kenmore	4708*60+	2.36	4.0	No	2
Kenmore	4709*60+	2.36	4.0	No	2
Kenmore	4751*60+	2.58	4.0	No	3
Kenmore	4751*70+	2.58	4.0	No	3
Kenmore	4753*60+	2.58	4.0	No	3
Kenmore	4754*60+	2.58	4.0	No	3
<i>Kenmore</i>	<i>4756*60+</i>	<i>2.28</i>	<i>4.4</i>	<i>No</i>	<i>2</i>
Kenmore	4756*70+	2.60	3.7	No	3
<i>Kenmore</i>	<i>4757*60+</i>	<i>2.28</i>	<i>4.4</i>	<i>No</i>	<i>2</i>
Kenmore	4757*70+	2.60	3.7	No	3
Kenmore	4758*70+	2.60	3.7	No	3
Kenmore	4770*80+	2.64	3.4	No	3
Kenmore	4771*80+	2.64	3.4	No	3
Kenmore	4775*80+	2.64	3.4	No	3

Brand	Model	Modified Energy Factor (MEF)	Water Factor (WF)	Uses Silver Ion Technology?	CEE Tier
Kenmore	4776*80+	2.64	3.4	No	3
<i>Kenmore</i>	<i>4778*70+</i>	<i>2.46</i>	<i>3.8</i>	<i>No</i>	<i>3</i>
Kenmore	4778*80+	2.64	3.4	No	3
<i>Kenmore</i>	<i>4779*70+</i>	<i>2.46</i>	<i>3.8</i>	<i>No</i>	<i>3</i>
Kenmore	4779*80+	2.64	3.4	No	3
Kenmore	4785*60+	2.22	4.2	No	2
Kenmore	4785*70+	2.22	4.2	No	2
Kenmore	4788*60+	2.22	4.2	No	2
Kenmore	4788*70+	2.22	4.2	No	2
Kenmore	4789*60+	2.22	4.2	No	2
Kenmore	4789*70+	2.22	4.2	No	2
<i>Kenmore</i>	<i>4810****</i>	<i>2.01</i>	<i>4.1</i>	<i>No</i>	<i>1</i>
<i>Kenmore</i>	<i>4811*</i>	<i>2.01</i>	<i>4.1</i>	<i>No</i>	<i>1</i>
Kenmore	488**80*	2.24	3.4	No	2
Kenmore	4903*01*	2.69	3.3	No	3
Kenmore	4996*60+	2.22	4.2	No	2
Kenmore	4997*60+	2.22	4.2	No	2
Kenmore	592-4903*	2.50	3.3	No	3
Kenmore	592-4904*	2.41	3.6	No	3
Kenmore	592-4905*	2.45	3.5	No	3
Kenmore	592-4906*	2.46	3.3	Yes	3
Kenmore	592-4907*	2.46	3.3	No	3
Kenmore	592-4908*	2.46	3.3	No	3
<i>Kenmore</i>	<i>592-491***</i>	<i>2.63</i>	<i>3.6</i>	<i>No</i>	<i>3</i>
<i>Kenmore</i>	<i>592-493***</i>	<i>2.65</i>	<i>3.2</i>	<i>No</i>	<i>3</i>
<i>Kenmore</i>	<i>592-495***</i>	<i>2.86</i>	<i>3.1</i>	<i>No</i>	<i>3</i>
<i>Kenmore</i>	<i>970-C4804**</i>	<i>3.23</i>	<i>3.2</i>	<i>No</i>	<i>3</i>
<i>Kenmore</i>	<i>970-C4805**</i>	<i>2.98</i>	<i>3.1</i>	<i>No</i>	<i>3</i>
<i>Kenmore</i>	<i>970-C4808**</i>	<i>3.10</i>	<i>2.9</i>	<i>No</i>	<i>3</i>
<i>Kenmore</i>	<i>C4706*</i>	<i>2.02</i>	<i>5.0</i>	<i>No</i>	<i>1</i>
<i>Kenmore</i>	<i>C4707*</i>	<i>2.01</i>	<i>4.1</i>	<i>No</i>	<i>1</i>
<i>Kenmore</i>	<i>C4709*</i>	<i>2.20</i>	<i>4.5</i>	<i>No</i>	<i>2</i>
<i>Kenmore</i>	<i>C4717*</i>	<i>2.01</i>	<i>4.1</i>	<i>No</i>	<i>1</i>
<i>Kenmore</i>	<i>C4719*</i>	<i>2.20</i>	<i>4.5</i>	<i>No</i>	<i>2</i>
<i>Kenmore</i>	<i>C48102**</i>	<i>2.01</i>	<i>5.7</i>	<i>No</i>	<i>1</i>
<i>Kenmore</i>	<i>C48106**</i>	<i>2.01</i>	<i>4.1</i>	<i>No</i>	<i>1</i>
<i>Kenmore</i>	<i>C4899*</i>	<i>2.29</i>	<i>4.4</i>	<i>No</i>	<i>2</i>
<i>Kenmore</i>	<i>C4906***</i>	<i>2.01</i>	<i>4.1</i>	<i>No</i>	<i>1</i>
<i>Kenmore</i>	<i>C4907***</i>	<i>2.01</i>	<i>4.1</i>	<i>No</i>	<i>1</i>
<i>Kenmore</i>	<i>C4909***</i>	<i>2.20</i>	<i>4.5</i>	<i>No</i>	<i>2</i>
<i>Kenmore</i>	<i>C4917***</i>	<i>2.01</i>	<i>4.1</i>	<i>No</i>	<i>1</i>
<i>Kenmore</i>	<i>C4919***</i>	<i>2.20</i>	<i>4.5</i>	<i>No</i>	<i>2</i>
<i>Kenmore</i>	<i>C4999***</i>	<i>2.29</i>	<i>4.4</i>	<i>No</i>	<i>2</i>
Kenmore Elite	2900#00#	2.41	4.0	No	3
Kenmore Elite	2927#00#	2.41	4.0	No	3
Kenmore Elite	4051#90#	2.85	3.4	No	3
Kenmore Elite	4102#90#	2.90	3.4	No	3
Kenmore Elite	4172#00#	2.99	3.4	No	3
Kenmore Elite	4219#90#	2.90	3.4	No	3
Kenmore Elite	592-4900*	2.58	3.3	No	3
<i>KitchenAid</i>	<i>KHWV01R*+</i>	<i>2.09</i>	<i>4.2</i>	<i>No</i>	<i>1</i>
LG	LSWF388H**	2.99	3.4	No	3



Brand	Model	Modified Energy Factor (MEF)	Water Factor (WF)	Uses Silver Ion Technology?	CEE Tier
LG	W0532H*	2.04	4.2	No	1
<b>LG</b>	<b>WD-1274FHB</b>	<b>2.02</b>	<b>5.2</b>	<b>No</b>	<b>1</b>
<b>LG</b>	<b>WD-324*RHD</b>	<b>2.10</b>	<b>5.0</b>	<b>No</b>	<b>1</b>
LG	WM0001H***	2.65	3.4	No	3
LG	WM0532H*	2.01	4.2	No	1
LG	WM064#H*	2.42	3.5	No	3
LG	WM0742H**	2.61	3.4	No	3
LG	WM1355H*	2.40	4.4	No	2
LG	WM1832C*	2.09	4.0	No	1
LG	WM2000C*	2.21	3.2	No	2
LG	WM2010C*	2.21	3.2	No	2
LG	WM2016C*	2.20	3.9	No	2
LG	WM2020C*	2.52	3.7	No	3
LG	WM2032H*	2.04	4.0	No	1
LG	WM204#C**	2.47	3.7	No	3
LG	WM2050C*	2.77	3.4	No	3
LG	WM207#C*	2.35	3.8	No	2
LG	WM2101H*	2.21	3.8	No	2
LG	WM2140C**	2.99	3.5	No	3
LG	WM2150H**	2.77	3.4	No	3
LG	WM2233H*	2.33	3.3	No	2
LG	WM2240C*	2.74	3.7	No	3
LG	WM2277H*	2.42	3.6	No	3
LG	WM2301H*	2.89	3.4	No	3
LG	WM2350H**	2.80	3.4	No	3
LG	WM2355C*	2.38	3.2	No	2
LG	WM2432H*	2.08	4.1	No	1
LG	WM244#H*	2.38	3.8	No	2
LG	WM2450H**	3.00	3.5	No	3
LG	WM2455H*	2.44	3.4	No	3
LG	WM248#H***	2.65	3.6	No	3
LG	WM249#H**	2.38	3.3	No	2
LG	WM2501H**	2.87	3.4	No	3
LG	WM2550H***	3.00	3.5	No	3
LG	WM2601H*	2.57	3.4	No	3
LG	WM2677H*	2.34	3.6	No	2
LG	WM268#H***	2.65	3.3	No	3
LG	WM2701H*	2.57	3.4	No	3
LG	WM2801H***	2.70	3.4	No	3
LG	WM2901H***	2.87	3.4	No	3
LG	WM3001H***	2.71	3.4	No	3
LG	WM3150H**	3.40	2.9	No	3
LG	WM3360H***	3.14	3.3	No	3
<b>LG</b>	<b>WM3455H*</b>	<b>2.20</b>	<b>5.0</b>	<b>No</b>	<b>1</b>
LG	WM3550H***	3.40	2.8	No	3
<b>LG</b>	<b>WM3632H*</b>	<b>2.08</b>	<b>4.1</b>	<b>No</b>	<b>1</b>
LG	WM3875H***	2.99	3.4	No	3
LG	WM3885H***	2.99	3.4	No	3
LG	WM398#H***	2.54	3.4	No	3
<b>LG</b>	<b>WM3987H**</b>	<b>2.76</b>	<b>3.5</b>	<b>No</b>	<b>3</b>
LG	WT4801C*	2.41	3.9	No	3
LG	WT5001C*	2.41	4.0	No	3

Brand	Model	Modified Energy Factor (MEF)	Water Factor (WF)	Uses Silver Ion Technology?	CEE Tier
LG	WT5101H*	2.41	4.0	No	3
Maytag	MFW9700S*+	2.15	4.3	No	1
Maytag	MFW9700T*+	2.15	4.3	No	1
Maytag	MFW9800T*+	2.15	4.3	No	1
Maytag	MHW6000X*+	3.13	2.5	No	3
Maytag	MHW7000X*+	3.00	2.8	No	3
Maytag	MHW9000Y*+	3.01	2.7	No	3
Maytag	MHWE200X*+	2.35	3.8	No	2
Maytag	MHWE201Y*+	2.46	3.7	No	3
Maytag	MHWE250X*+	2.35	3.8	No	2
Maytag	MHWE251Y*+	2.46	3.7	No	3
Maytag	MHWE300V*+	2.18	4.3	No	1
Maytag	MHWE301Y*+	2.46	3.7	No	3
Maytag	MHWE400W*+	2.66	3.0	No	3
Maytag	MHWE450W*+	2.66	3.0	No	3
Maytag	MHWE500V*+	2.35	3.8	No	2
Maytag	MHWE550W#**	2.66	3.6	No	3
Maytag	MHWE900V*+	2.58	3.5	No	3
Maytag	MHWE950W*+	2.46	2.9	No	3
Maytag	MHWZ400T*+	2.45	3.8	No	3
Maytag	MHWZ600T*+	2.45	3.8	No	3
Maytag	MHWZ600W*+	2.45	3.8	No	3
Maytag	MTW6700T*+	2.11	5.6	No	1
Maytag	MVWB300W*+	2.28	4.4	No	2
Maytag	MVWB400V*+	2.23	4.4	No	2
Maytag	MVWB450W*+	2.22	4.4	No	2
Maytag	MVWB455Y*+	2.61	3.2	No	3
Maytag	MVWB700V*+	2.23	4.4	No	2
Maytag	MVWB750W*+	2.22	4.4	No	2
Maytag	MVWB750Y*+	2.57	3.9	No	3
Maytag	MVWB755Y*+	2.61	3.2	No	3
Maytag	MVWB800V*+	2.25	4.5	No	2
Maytag	MVWB800Y*+	2.57	3.9	No	3
Maytag	MVWB850W*+	2.22	4.4	No	2
Maytag	MVWB850Y*+	2.57	3.9	No	3
Maytag	MVWB950Y*+	2.57	3.9	No	3
Maytag	MVWC300X*+	2.02	5.9	No	1
Maytag	MVWC400X*+	2.48	3.6	No	3
Maytag	MVWC450X*+	2.40	4.0	No	3
Maytag	MVWX500X*+	2.46	3.6	No	3
Maytag	MVWX550X*+	2.46	3.6	No	3
Maytag	MVWX600X*+	2.46	3.6	No	3
Maytag	MVWX700X*+	2.46	3.6	No	3
Miele	W1113	2.11	4.5	No	1
Miele	W1119	2.11	4.5	No	1
Miele	W1203	2.04	4.4	No	1
Miele	W1213	2.04	4.4	No	1
Miele	W1215	2.04	4.4	No	1
Miele	W3033	2.31	4.4	No	2
Miele	W3035	2.31	4.4	No	2
Miele	W3039	2.24	4.4	No	2
Miele	W4800	2.44	4.2	No	2

Brand	Model	Modified Energy Factor (MEF)	Water Factor (WF)	Uses Silver Ion Technology?	CEE Tier
Miele	W4802	2.40	4.2	No	2
<i>Miele</i>	<i>W4840</i>	<i>2.44</i>	<i>4.2</i>	<i>No</i>	<i>2</i>
Miele	W4842	2.40	4.2	No	2
Samsung	WA5451***	2.41	4.0	No	3
Samsung	WA5471***	2.57	3.8	No	3
Samsung	WF203***	2.04	4.0	No	1
Samsung	WF206***	2.01	3.9	No	1
Samsung	WF209***	2.61	3.8	No	3
Samsung	WF210***	2.50	3.3	No	3
Samsung	WF218***	2.47	3.3	No	3
Samsung	WF219***	2.65	3.2	No	3
Samsung	WF220***	2.50	3.3	No	3
Samsung	WF221***	2.47	3.3	No	3
Samsung	WF229***	2.47	3.3	No	3
Samsung	WF231***	2.80	3.2	No	3
Samsung	WF241***	2.80	3.2	No	3
Samsung	WF306*A*	2.01	3.9	Yes	1
Samsung	WF306BHW	2.01	3.9	No	1
Samsung	WF306LAW	2.01	3.9	Yes	1
Samsung	WF316*A*	2.01	3.9	Yes	1
Samsung	WF316*N*	2.01	3.9	No	1
Samsung	WF317*A*	2.01	3.9	Yes	1
Samsung	WF317*N*	2.01	3.9	No	1
<i>Samsung</i>	<i>WF326LAS</i>	<i>2.01</i>	<i>3.9</i>	<i>Yes</i>	<i>1</i>
<i>Samsung</i>	<i>WF326LAW</i>	<i>2.06</i>	<i>3.9</i>	<i>Yes</i>	<i>1</i>
Samsung	WF328*A*	2.30	3.7	Yes	2
Samsung	WF328*N*	2.30	3.7	No	2
Samsung	WF330***	2.76	3.1	No	3
Samsung	WF331***	2.76	3.1	No	3
Samsung	WF337*A*	2.40	3.6	Yes	3
Samsung	WF337*N*	2.40	3.6	No	3
Samsung	WF338*A*	2.59	3.6	Yes	3
Samsung	WF338*N*	2.59	3.6	No	3
Samsung	WF339*A*	2.59	3.6	Yes	3
Samsung	WF339*N*	2.59	3.6	No	3
Samsung	WF340***	2.76	3.1	No	3
Samsung	WF350***	2.76	3.1	No	3
Samsung	WF407*A*	2.82	3.2	Yes	3
Samsung	WF407*N*	2.82	3.2	No	3
Samsung	WF409***	2.73	3.1	No	3
Samsung	WF409*A*	2.73	3.1	Yes	3
Samsung	WF410***	2.73	3.1	No	3
Samsung	WF419***	2.73	3.1	No	3
Samsung	WF419*A*	2.73	3.1	Yes	3
Samsung	WF428*A*	2.82	3.2	Yes	3
Samsung	WF428*N*	2.82	3.2	No	3
Samsung	WF431***	3.20	3.0	No	3
Samsung	WF438*A*	2.82	3.2	Yes	3
Samsung	WF438*N*	2.82	3.2	No	3
Samsung	WF448***	2.76	3.2	No	3
Samsung	WF448*A*	2.76	3.2	Yes	3
Samsung	WF461***	3.25	2.9	No	3

Brand	Model	Modified Energy Factor (MEF)	Water Factor (WF)	Uses Silver Ion Technology?	CEE Tier
Samsung	WF501***	3.02	3.2	No	3
Samsung	WF511***	3.32	2.9	No	3
Samsung	WF520***	3.10	2.9	No	3
Siemens	WFXD5200UC	2.10	5.3	No	1
Siemens	WFXD5201UC	2.57	4.3	No	2
Siemens	WFXD5202UC	2.57	4.3	No	2
Siemens	WFXD840 AUC	2.20	4.5	No	2
Siemens	WFXD8400UC	2.20	4.5	No	2
Siemens	WM10S160UC	2.14	4.5	No	1
Speed Queen	AFN50+	2.04	4.9	No	1
Speed Queen	AFN51+	2.04	4.9	No	1
Speed Queen	AFNA0 +	2.24	4.5	No	2
Speed Queen	ATE50+	2.04	4.9	No	1
Speed Queen	ATG50+	2.04	4.9	No	1
Speed Queen	ATSA0***	2.04	4.9	No	1
Speed Queen	CTSA0***	2.04	4.9	No	1
Speed Queen	CTSA7***	2.04	4.9	No	1
Speed Queen	CTSA9***	2.04	4.9	No	1
Speed Queen	LWNA1*****	2.05	5.8	No	1
Splendide	WD 2100 XC (NA) #	2.15	5.1	No	1
Splendide	WD 2100 XCP (NA) #	2.15	5.1	No	1
Splendide	WD2100	2.04	4.9	No	1
Splendide	WDC 7100 XC (NA) #	2.15	5.1	No	1
Whirlpool	CHW9900W*	2.07	4.5	No	1
Whirlpool	GHW9150P*	2.03	4.1	No	1
Whirlpool	GHW9400P*	2.04	4.2	No	1
Whirlpool	GHW9400S*+	2.04	4.3	No	1
Whirlpool	GHW9460P*	2.03	4.1	No	1
Whirlpool	LHW0050PQ**	2.79	6.0	No	1
Whirlpool	WFC7500V*+	2.05	5.8	No	1
Whirlpool	WFW8200T*+	2.24	4.5	No	2
Whirlpool	WFW8300S*+	2.24	4.5	No	2
Whirlpool	WFW8400T*+	2.44	4.0	No	3
Whirlpool	WFW8410S*+	2.37	4.5	No	2
Whirlpool	WFW8500S*+	2.44	4.0	No	3
Whirlpool	WFW9050X*+	2.55	3.6	No	3
Whirlpool	WFW9150W#**	2.45	3.8	No	3
Whirlpool	WFW9151Y*	2.46	3.7	No	3
Whirlpool	WFW9200S*+	2.05	4.4	No	1
Whirlpool	WFW9250W#**	2.45	3.8	No	3
Whirlpool	WFW9300V*+	2.16	4.1	No	1
Whirlpool	WFW9351Y*	2.46	3.7	No	3
Whirlpool	WFW9400S*+	2.29	3.9	No	2
Whirlpool	WFW9400V*+	2.29	3.9	No	2
Whirlpool	WFW9450W*+	2.46	3.8	No	3
Whirlpool	WFW9451X*	2.44	3.9	No	3
Whirlpool	WFW9470W#**	2.35	4.1	No	2
Whirlpool	WFW94HEX*+	3.13	2.5	No	3
Whirlpool	WFW9500T*+	2.26	3.6	No	2
Whirlpool	WFW9550W*+	2.43	3.4	No	3
Whirlpool	WFW95HEX*+	3.00	2.8	No	3
Whirlpool	WFW9600S*+	2.29	3.9	No	2

Brand	Model	Modified Energy Factor (MEF)	Water Factor (WF)	Uses Silver Ion Technology?	CEE Tier
Whirlpool	WFW9600T*+	2.42	3.7	No	3
Whirlpool	WFW9640X*+	2.66	2.78	No	3
Whirlpool	WFW9700V*+	2.41	3.8	No	3
Whirlpool	WFW9750W*+	2.53	2.8	No	3
Whirlpool	WFW97HEX*+	3.17	2.8	No	3
Whirlpool	WTW4850X*+	2.02	5.9	No	1
Whirlpool	WTW4950X*+	2.48	3.8	No	3
Whirlpool	WTW5500X*+	2.49	3.9	No	3
Whirlpool	WTW5550X*+	2.49	3.9	No	3
Whirlpool	WTW5600X*+	2.44	3.8	No	3
Whirlpool	WTW5640X*+	2.44	3.8	No	3
Whirlpool	WTW5700X*+	2.44	3.8	No	3
Whirlpool	WTW6300W#**	2.22	4.3	No	2
Whirlpool	WTW6340W*+	2.22	4.3	No	2
Whirlpool	WTW6500V*+	2.29	4.2	No	2
Whirlpool	WTW6500W*+	2.29	4.2	No	2
Whirlpool	WTW6700T*+	2.23	4.4	No	2
Whirlpool	WTW6800W*+	2.29	4.2	No	2
Whirlpool	WTW7300X*+	2.63	3.6	No	3
Whirlpool	WTW7320Y*+	2.63	3.6	No	3
Whirlpool	WTW7340X*+	2.48	3.6	No	3
Whirlpool	WTW7600X*+	2.48	3.6	No	3
Whirlpool	WTW7800X*+	2.48	3.6	No	3
Whirlpool	WTW7990X*+	2.44	3.7	No	3
Whirlpool	WTW8200Y*+	2.65	3.7	No	3
Whirlpool	WTW8240Y*+	2.65	3.7	No	3
Whirlpool	WTW8400Y*+	2.65	3.7	No	3
Whirlpool	WTW8440Y*+	2.65	3.7	No	3
Whirlpool	WTW8600Y*+	2.65	3.7	No	3
Whirlpool	WTW8800Y*+	2.65	3.7	No	3
White-Westinghouse	WTF330H**	2.27	5.3	No	1
<i>White-Westinghouse</i>	<i>WWFW3700M*</i>	<i>2.64</i>	<i>3.2</i>	<i>No</i>	<i>3</i>



## ***City of Rifle Indoor Appliance Rebate Program***

### **APPLICATION FORM**

#### **Program Goals**

- Provide City of Rifle water customers with a tool to reduce their water bills
- Conserve water by reducing overall water consumption in major water consuming appliances

Together, water use for Toilets and Clothes Washers make up nearly half of all the water consumed indoors. Replacing one non-conservation toilet and 1 non-conservation washer with approved water conserving models could save 20,500 gallons per year per household.

#### **Program Information**

Appliance applicants will receive up to \$100.00 and no more than 50% of the purchase price per toilet and clothes washer. Applicants may receive rebates on up to 3 toilets and 1 clothes washer per household. The program allows for 75 toilet rebates and 50 washer rebates total and will be given away on a first come first serve basis. A list of eligible clothes washers and toilets is available at the City of Rifle Website or at City Hall.

#### **Application Instructions**

1. Download and print this application form or pick up a copy from Rifle City Hall.
2. Mail completed **PAGE 3** of this application form to:

City of Rifle  
Attn: Water Efficient Appliances  
P.O. Box 1908  
Rifle, CO 81650

This is your **INTENT TO PURCHASE FORM**. Upon receipt, the City of Rifle will hold your requested rebate for **1 MONTH**. After such time, if proof of purchase has not been provided, the City will release your rebate(s) to the next applicant and will not be responsible for rebate payment if the rebate quota has been dispensed.

3. Obtain a list of rebate-eligible appliance(s) from Rifle City Hall or at [www.rifleco.org](http://www.rifleco.org)
4. Purchase your new rebate eligible-appliance(s).
5. Install your new appliance(s) at your residence within City of Rifle Limits.
6. Complete **PAGE 4** of this application form and attach a receipt for all rebate-eligible appliance(s) and deliver to Rifle City Hall.

Rifle City Hall  
202 Railroad Avenue  
Rifle, CO 81650

This is your **PURCHASE AND INSTALL FORM**. Your signature attests that you have purchased and correctly installed the rebate-eligible appliances indicated. City staff will issue a rebate check in your name when this form and purchase receipt(s) are received.

The City of Rifle staff will conduct random inspections of 20 applicants to verify installation. All applicants will be required to accommodate installation inspection of all rebate-eligible appliance(s) upon request.



### ***City of Rifle Indoor Appliance Rebate Program***

#### **Minimum Eligibility Requirements**

- Existing City of Rifle water customers (no new construction)
- Residential customers only
- All rebate-eligible appliance must be installed at a residence located within City of Rifle limits
- The City will HOLD your requested rebate for one month after receipt of your INTENT TO PURCHASE FORM on a first come first serve basis. If the City does not receive your PURCHASE AND INSTALL FORM with appliance purchase receipts within one month the City will re-issue your rebate to the next eligible applicant.
- All applicants must be prepared to accommodate appliance installation inspection if requested.

#### **Contact with questions:**

City of Rifle Public Works Department

Mary Ann Dodson

970-665-6555

[mdodson@rifleco.org](mailto:mdodson@rifleco.org)





**City of Rifle Indoor Appliance Rebate Program**

**INTENT TO PURCHASE FORM**

**Applicant Contact Information**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

**Applicant Billing Information**

(If different)

Account Number: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

**List appliances proposed for replacement with water conserving appliances:**

(3 toilets and 1 washer may be applied for)

**Clothes Washer:**

What type of washer do you currently have?

Model: \_\_\_\_\_

Manufacturer: \_\_\_\_\_

How old is it? Best guess: \_\_\_\_\_

**Toilets:**

What type of toilet do you have?

**Toilet 1:**

Manufacturer: \_\_\_\_\_

Gallons per flush: \_\_\_\_\_

How old is it? Best guess: \_\_\_\_\_

**Toilet 2:**

Manufacturer: \_\_\_\_\_

Gallons per flush: \_\_\_\_\_

How old is it? Best guess: \_\_\_\_\_

**Toilet 3:**

Manufacturer: \_\_\_\_\_

Gallons per flush: \_\_\_\_\_

How old is it? Best guess: \_\_\_\_\_



**City of Rifle Indoor Appliance Rebate Program  
PURCHASE AND INSTALL FORM**

**Applicant Contact Information**

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone Number: \_\_\_\_\_  
Email Address: \_\_\_\_\_

**Applicant Billing Information  
(If different)**

Account Number: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone Number: \_\_\_\_\_  
Email Address: \_\_\_\_\_

**List appliances purchased and installed (3 toilets and 1 washer may be applied for)**

**NEW Clothes Washer:**

Model: \_\_\_\_\_  
Manufacturer: \_\_\_\_\_  
Date Installed: \_\_\_\_\_  
Installation Address (if different from above): \_\_\_\_\_  
**Receipt Attached/Approved:** \_\_\_\_\_  
(City Staff Initial prior to issuing rebate)

**NEW Toilets:**

**Toilet 1:**

Manufacturer: \_\_\_\_\_  
Gallons per flush: \_\_\_\_\_  
Date Installed: \_\_\_\_\_  
Installation Address (if different from above): \_\_\_\_\_  
**Receipt Attached/Approved:** \_\_\_\_\_  
(City Staff Initial prior to issuing rebate)

**Toilet 2:**

Manufacturer: \_\_\_\_\_  
Gallons per flush: \_\_\_\_\_  
Date Installed: \_\_\_\_\_  
Installation Address (if different from above): \_\_\_\_\_  
**Receipt Attached/Approved:** \_\_\_\_\_  
(City Staff Initial prior to issuing rebate)

**Toilet 3:**

Manufacturer: \_\_\_\_\_  
Gallons per flush: \_\_\_\_\_  
Date Installed: \_\_\_\_\_  
Installation Address (if different from above): \_\_\_\_\_  
**Receipt Attached/Approved:** \_\_\_\_\_  
(City Staff Initial prior to issuing rebate)

**Applicant Signature:**

I certify that the above devices were purchased and installed at the location and date indicated above and that I will accommodate inspection of this installation by City of Rifle staff upon request.

\_\_\_\_\_  
(Applicant Name)

\_\_\_\_\_  
(Date)



City of Rifle Indoor Appliance Rebate Program

## Inspection Worksheet

Homeowner Name:

Water Acct#:

Address:

Inspection Date:

Homeowner Contact Phone Number:

Inspector:

### Toilet Inspection

	Brand	Model	WaterSense Labeled (circle one)	New or Replacement (circle one)	Proper Installation Verified (inspector initial)
Toilet 1			YES / NO	NEW / REPLACEMENT	
Toilet 2			YES / NO	NEW / REPLACEMENT	
Toilet 3			YES / NO	NEW / REPLACEMENT	

Comments<sup>1</sup>:

### Clothes Washer Inspection

	Brand	Model	New or Replacement (circle one)	Proper Installation Verified (inspector initial)
Clothes Washer			NEW / REPLACEMENT	

Comments<sup>1</sup>:

1. Inspector to note improper installation, non-conformance to City of Rifle code related to rebate appliance or other comments requiring change to installation.

Inspector signature verifying the accuracy of the above information to the best of my knowledge.

Inspector Signature/Date



# City of Rifle



## UTILITY UPDATE

*November, 2011*

### UPDATES FROM THE WATER DEPARTMENT:

**IT'S HERE!** We promised a new INDOOR APPLIANCE REBATE PROGRAM and now we are ready to begin! The City of Rifle is pleased to offer our residential customers a \$100 rebate towards the cost of new, water efficient TOILETS and CLOTHES WASHERS. Each Rifle customer can replace up to 3 toilets and 1 clothes washer, with a rebate of up to \$400 per home.

Older model toilets can use up to 7 gallons with every flush. Replacing that old toilet with a WaterSense-Labeled Toilet will cut that water use down to 1.5 gal/flush. Older clothes washers use an average of 40 gallons per load. Replacements use 6 gallons or less! Participants who take full advantage of this rebate program could see a potential savings in their water bill.

Call (970) 665-6555 or stop by City Hall or visit us at <http://www.rifleco.org/index.aspx?NID=308> for more information. **Don't wait - Only 100 rebates are available!**

### SEWER CLEANING WORK COMPLETED!

The sewer main cleaning and TV inspection work is complete for this year. Depending upon availability of funding, it is anticipated that the work will continue (in a different part of the City) in 2012.

Approximately 18 miles of sewer main were cleaned and televised, about 30% of the sanitary sewer system, in the northern areas of Rifle. The program also located underground service connections from each residence/apartment. Results of this work will assist maintenance crews and plumbers when problems occur in the service laterals or mains. Since many of the systems were installed in the early 1980's, the information from the program will also document the condition of the system and assist in identifying where repairs/replacements need to occur.

The City appreciates the patience and understanding of its citizens during the cleaning and TV inspection work.

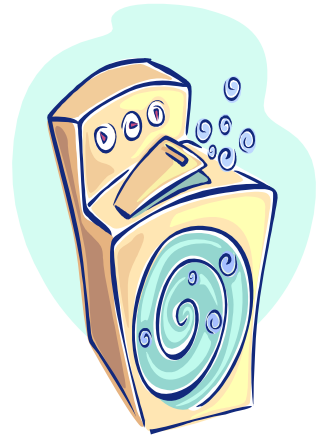
### CONGRATULATIONS!

Congratulations are in order for **Casey Boren**, Collection and Distribution Supervisor, and **Robert Burns**, Water Treatment Plant Supervisor, who have been with the city for 12 and 10 years respectively.



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# Appliance Rebates



**Available**

**Save Water & \$\$\$**

City of Rifle is Offering Rifle residents rebates for

## **NEW WATER EFFICIENT APPLIANCES**

The City of Rifle is pleased to offer our residential customers \$100 rebate towards the cost of new, water efficient TOILETS and CLOTHES WASHERS. Each Rifle customer can replace up to 3 toilets and 1 clothes washer, then, you can save even more money as you watch your water bills drop!

Older model toilets can use up to 7 gallons with every flush. Replacing that old toilet with a WaterSense-Labeled Toilet will cut that water use down to 1.5 gal/flush. Older clothes washers use an average of 40 gallons per load. Replacements use 6 gallons or less! Participants who take full advantage of this rebate program could see a potential savings of \$100/year on their water bill.

The City of Rifle wants to help you use water more efficiently. Applications are available on the City's website, [www.rifleco.org](http://www.rifleco.org) or at the Utility Department in City Hall. Questions on the program - call Maryann at 665-6555.

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