



## Public Works

1290 S. Public Road • Lafayette, Colorado 80026 • (303) 665-5588 Fax (303) 665-2153



November 3, 2014

Ben Wade  
Colorado Water Conservation Board  
1313 Sherman St., Room 721  
Denver, CO 80203

Dear Mr. Wade:

**PO: OE PDA 14000000086:** 75% Status report for City of Lafayette grant: Rinse & Save pre-rinse spray valve (PRSV) replacement grant

As of November 3, 2014 the City of Lafayette has reached its 75% completion benchmark for the Rinse & Save PRSV replacement project.

Attached is our report on the progress for the work on this project, which at this time is fully within budget. To date, we have completed Task 1 at 100% and Task 2 at 95%. Task 3 & 4 are in progress.

This grant funding has allowed City of Lafayette to reach out to our local restaurants and help promote water conservation through education and a professional service of installing a more efficient PRSV.

With the support from CWCB's funding, we feel that we are making an impact on water conservation and will continue to promote water saving programs to our commercial water accounts, through the Rinse & Save program as well as our toilet rebate program.

Thank you again for your support.

Sincerely

*Jenny Condon*

Administrative Assistant  
City of Lafayette - Public Works Department

## 75% Progress Summary:

Per the grant proposal City of Lafayette will provide a 50% report by August 1<sup>st</sup>, 75% report by November 3<sup>rd</sup> and a final report on February 3<sup>rd</sup>, 2015, ending the Rinse & Save Program. Bulleted items below are description of tasks from original proposal along with the progress of each task to date in italicized text..

- Task 1: 100% complete
  1. Public education and outreach projects. This task will be the responsibility of CRC, the City of Lafayette, PACE Zero Waste and Boulder County EnergySmart. CRC will contact pre-rinse nozzle-using establishments directly to promote this program.
  2. The City of Lafayette will promote 'Rinse & Save' using the City's website, comments on the bottom of utility bills and through social media networks.
  3. PACE, Zero Waste and Boulder County EnergySmart will also notify qualifying establishments of the 'Rinse & Save' program during their routine visits.
  4. Ordering of 60 pre-rinse spray nozzles by CRC for \$50 each (totaling \$3,000).

*City of Lafayette provided CRC with a list of local restaurants in Lafayette. Outreach letters of the program description were mailed by CRC to 73 locations which included 62 restaurants, 3 senior living complexes and 7 BVSD schools. The letter with City of Lafayette Public Works logo was mailed out on March 1<sup>st</sup> and is attached as Attachment 1.*

*City of Lafayette promoted the "Rinse and Save" Program with a news item posted on the City of Lafayette Public Works webpage and Lafayette Chamber of Commerce announced the program to their members.*

*CRC ordered 60 pre-rinse spray nozzles on March 13<sup>th</sup> 2014 completing Task 1.*

- Task 2: 95% completed at 75% reporting
  1. CRC will install the pre-rinse spray nozzles at area establishments. The installation process by CRC includes all aspects of installs: contacting establishments, conducting installation, affixing stickers, conducting quick on-site survey, conducting follow-up surveys and conveying this information to the City of Lafayette.
  2. CRC will contact establishments, but will need a list of targeted establishments, contact information and City of Lafayette collateral (logos, letterhead, etc) to be supplied by the City.

### ***At 50% report progress:***

*CRC contacted 73 locations to follow up on scheduling after outreach letter went out for the installation of the pre-rinse spray nozzles. CRC installed 25 nozzles in 22 participating locations. 75 hours were used to contact, schedule, follow up and install the nozzles. During installation, an educational handout was left with the establishment (Attachment 2) and a quick on-site survey performed.*

*The table below breaks down the reasoning for non-participation from some of the establishments. Most refusals were restaurants that needed corporate permission.*

*City of Lafayette will continue to promote the program to the establishments which refused installation. 9 of the 14 restaurants who refused, do not have corporate ties.*

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CRC will send out surveys to the 22 establishments that participated in the program. The survey will be anonymous to promote a higher response rate. The survey (Attachment 3) will be sent out via mail on August 1.

**At 75% report progress:**

As stated on the 50% progress report, City of Lafayette and CRC continued to promote the Rinse and Save Program to the establishments who refused the installation. Since then, CRC installed a PRSV at two restaurants and a PRSV at two schools. To date, there have been 29 PRSV's installed of the 73 locations originally contacted putting us at a 40% success rate in installation. Since June, we also found out 1 restaurant has gone out of business and 1 restaurant, does not use a PRSV.

Reasons for Non-participating restaurants	50% reporting	75% reporting
Establishments which already had under 1.6gpm PRSV	7	7
Establishments that don't use PRSV	13	14
Establishments who refused the program	14	13

Of the 22 follow up surveys, we received 11 completed surveys. As the results show (Attachement 4) establishments were content with the new PRSV. The average score was 4.2 with 1: being "very dissatisfied, or not valuable" to 5: being "very satisfied, or extremely valuable".

- Task 3: In progress
  1. CRC will report an impact assessment and which would allow CRC to conduct a quantitative analysis to determine how much water is being saved as a result of this program.
  2. CRC would work with City of Lafayette staff to obtain water records for the participating establishments. CRC would then conduct an in-depth impact study to analyze the water savings of the program. The outcome of this would be a report to the City of Lafayette.

**At 50% report progress**

This task was started in June with the City of Lafayette collecting monthly water usage reports for all participating establishments from June through December 2014 to provide to CRC for the impact analysis. This task is a work in progress and will be completed by the December deadline.

The impact analysis will record an estimation of annual water savings, based on water records for one year pre-install and 6 months of records post-install of the PRSV. The annual savings will be estimated using the flow rate from the old PRSV compared to the new PRSV. The impact analysis will also include the results from the follow-up survey to relay customer satisfaction.

**At 75% report progress**

City of Lafayette has provided CRC with the water consumption records of the participating establishments one year pre-install and 6 months post-install. CRC will conduct an impact analysis and provide the results to City of Lafayette for the final reporting.

- Task 4: In Progress  
Includes the reporting of the program progress to the CWCB. The City of Lafayette will be submitting reports at the halfway-mark (50%), when the program is 75% complete and when the program is 100% complete

Task 4 will be completed per proposal description.

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## ATTACHMENT 1



### RINSE & SAVE



Save water, save energy, and save money with a **FREE** high-efficiency pre-rinse spray valve.

Dear City of Lafayette Business Customer:

The City of Lafayette Public Works Department is now providing FREE high-efficiency pre-rinse spray valve (PRSV) replacements for all businesses with kitchen cleaning facilities within our service area. Your business has been selected as a candidate for this service.

### Why Participate?

Changing out a single PRSV can save your business money by reducing your water and energy bills. The City of Lafayette estimates that each business could save over 20,000 gallons of water each year, just by switching from a standard PRSV to a high-efficiency PRSV. The total amount of money and water saved will vary, but the value of the water and energy savings could be \$25-\$350+ annually!

### How to Receive a Free High Efficiency Pre-Rinse Spray Valve

The City of Lafayette, in partnership with a local nonprofit, will be servicing your location between **March 24 - 26** and **March 30 - April 4** between 8am and 4pm. You do not need to make an appointment, however, if you wish for the technician to come at a specific time, please contact our nonprofit partner, the Center for ReSource Conservation, to schedule your appointment by calling 303-999-3824. State that you are calling about the Rinse & Save program for quick service. The service is first-come, first-served, so call right away to get the best time for your business.

### Frequently Asked Questions

**How much does the program cost?** The Rinse & Save program is free through the City of Lafayette to all businesses within our service area.

**How do I know if my business is eligible?** All businesses receiving this letter that have at least one pre-rinse spray valve on site are eligible.

**Who will install the PRSV?** All PRSV's will be replaced by a commercially-trained water technician.

For more information or if you have comments please contact:

Sarah Owsiany, Senior Clerk,  
Public Works, City of Lafayette  
303-665-5588 x3328  
[saraho@cityoflafayette.com](mailto:saraho@cityoflafayette.com)

## ATTACHMENT 2



### RINSE & SAVE

Save water, save energy, and save money with a **FREE** high-efficiency pre-rinse spray valve.



*Thank you for participating! Here is some more information to help you continue to save water!*

**For more information or if you have comments please contact:**

Jenny Conlon – Public Works Department  
303-661-1273 or [jennyc@cityoflafayette.com](mailto:jennyc@cityoflafayette.com)

**About your new Pre-Rinse Spray Valve:** T & S B-0107-J, 1.07 gpm @60 PSI

From the T & S Brass website:

- Features significant water- and energy-savings
- Makes pre-rinse tasks easier with its powerful cleaning capability
- Ideal for removing tough baked-on foods in pre-rinse applications
- Consumes 60% less water than other EPA 2005 compliant valves (at 1.6 GPM)
- AB1953 & ANSI/NSF Standard 61 compliant
- Features T&S reliability and performance
- Interchangeable with Fisher spray valves



## **Best Management Practices for a Commercial Kitchen**

- ***Check for leaks***
  - Read water meters and water bills monthly. Pay close attention to water meter readings to ensure that they make sense and are consistent with expected water use trends. Compare monthly water bills to the previous month and to the same month of the previous year.
  - Read the facility water meter during off-peak hours when all water-using equipment can be turned off, and building occupants, employees, and visitors are not using sanitary fixtures. After all water uses have been shut off, read the meter, and then read it again an hour later. If the meter reading changed significantly, there may be a leak somewhere within the facility.
  - Conduct regular visual inspections of fixtures and look and listen for leaks.
- ***Upgrade to water-efficient products***
  - Upgrade dishwashers, ice machines, steam cookers to ENERGY STAR<sup>(R)</sup> qualified models. These models generally reduce water and energy use by 10% or more.
  - Consider replacing equipment that typically discharges water continuously, such as dipper wells or wok stoves, with more efficient models.
  - Look for the WaterSense label when upgrading toilets, faucets, and urinals. These products use 20% less water and are tested to perform as well or better than standard models.
- ***Create a water efficient work culture***
  - Train employees to notify management if they notice leaking fixtures or equipment, and reward them when they do.
  - If water conservation is your goal, communicate that to customers and employees. That way they can assist your business in helping you meet your goal.
  - Get recognition for your efforts! Sector-specific recognition and certification through organizations such as the Green Restaurant Association exist to provide you with opportunities to stand out among your industry peers.

For more information about water conservation at your business, please see [www.epa.gov/watersense/](http://www.epa.gov/watersense/)

# ATTACHMENT 3

## Lafayette Rinse & Save Customer Survey

Survey instructions: This survey is meant to assess the Rinse & Save, free pre-rinse spray valve program, offered to all businesses within the City of Lafayette. This survey will take no more than 5 min of your time.

\*\*\* The first two questions are intended for the user of the PRSV and the other four questions are for either the user and/or the business management/owner.\*\*\*

Thank you!

1. Overall, how satisfied are you with your free low-flow PRSV?  
(0 = Very Dissatisfied, 5 = Very satisfied)?  
1                      2                      3                      4                      5
2. How well does the free low-flow PRSV work compared to your older PRSV?  
(0 = Much Worse, 5 = Much Better)  
1                      2                      3                      4                      5
3. Do you or does the restaurant management notice any water savings on their water bill after the installation of this low-flow PRSV?
  - a. Yes, water savings have been noticeable.
  - b. No, water saving have not been noticeable.
  - c. I don't know.
4. How valuable is this free PRSV program for your business?  
(1 = Not valuable at all, 5 = Extremely Valuable)  
1                      2                      3                      4                      5
5. How did you hear about the free PRSV program?
  - a. Received a letter in the mail from the City of Lafayette.
  - b. Through a phone call from the City or the Center for ReSource Conservation.
  - c. I heard about it when the water technician came to my business to offer it.
6. Optional: If you are interested in learning about other water conservation opportunities for your business, please include your contact information here:

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

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

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

Contact Email: \_\_\_\_\_

ATTACHMENT 4

Lafayette Rinse & Save Survey Results

Summary	Q 1 <sup>1</sup>	Q 2	Q3 <sup>2</sup>	Q 4	Q 5 <sup>3</sup>	Notes									
Average	4.1	4.2		4.2		<sup>1</sup> The score of 1 was on an unidentified response sheet.									
Min	1	3		3		<sup>2</sup> Most answered "c", "don't know"									
Max	5	5		5		<sup>3</sup> 6 answered a 2 answered b 4 answered c									
Mode	5	5		5											
Question	R= Restaurant				R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11
1. Overall how satisfied are you with your free low-flow PRSV (0 = Very Dissatisfied, 5 = Very Satisfied)					5	5	3	5	3	5	5	5	5	3	1
2. How well does the free low-flow PRSV work compared to your older PRSV (0 = Much worse, 5 = much better)					5	5	3	5	3	5	5	5	4	3	3
3. Do you or does the restaurant management notice any water savings on their water bill after the installation of this low-flow PRSV?															
A. Yes, water savings noticed.															
B. No, water saving not noticeable.															
C. I don't know					c	c	c	c	b	c	c	a		c	c
4. How valuable is this free PRSV program for your business? (1 = Not valuable, 5 = extremely valuable)					5	5	3	5	3	5	5	4	5	3	3
5. How did you hear about free PRSV program?															
A. Received a letter in the mail from the City of Lafayette.															
B. Through a phone call from the City or the CRC.															
C. I heard about it when the water techn came to my business.					a	c	a	a	c	c	b	a	a	c	a, b



6. If you are interested in learning about other water conservation opportunities for your business, please include your contact information.

Business Name	Little Ceasers	Pinocchios Italian Eatery	Menchie's Frozen Yougurt	Asian King Buffet	Good Times Restaurant
Contact Name	Brian Fleming	Judy Sell	Lisa Smith	Mel Zhang	Sung Kim
Conatct Info phone	720-545-7895	720-363-2027	303-204-6453	720-890-7446	303-859-3535
	desertdough@comcast.net	selljudy36@gmail.com	lsmithmenchies@gmail.com		sung@quikserve.com