

**REVIEW OF STORMWATER MANAGEMENT CREDIT AND REBATE PROGRAMS – CANADA AND USA**

Date updated: April 19, 2011

Location	Sector that Credit/ Rebate Applies	Description of Credit/ Rebate	Process for Program  Is Credit/Rebate One-time or Continual?	Application Fee and Inspection Requirements	Measures Available for Residential Rebate	Educational Tools Available to the Public
<b>1. Edmonton, AB, Canada</b>	Non-residential  Industrial/ Commercial  Properties draining directly to North Sask. River	An opportunity for qualifying customers to receive a credit on their monthly land drainage utility bill. They must demonstrate that they contribute significantly less stormwater discharge rates per property area to the City's land drainage systems during rainfalls than other similarly zoned properties.	Customers must apply to the City for a credit.  Credit is continual (monthly).  If successful, the customer must enter into a legal agreement with the City, at which point a credit, in the form of a reduced "development intensity factor", will be applied to each subsequent monthly bill.  Approved credits need to be renewed on a five year basis, or sooner if there are changes to the stormwater discharge characteristics of their property which may affect their credit agreement.  All applications must be signed and sealed by an independent professional engineer registered in Alberta who is not employed with or affiliated with the customer.	\$250/application to recover cost of processing	None	Website Q&A (residential) ( <a href="http://www.edmonton.ca/for_residents/flooding_sewers/land-drainage-utility-faqs6133.aspx">http://www.edmonton.ca/for_residents/flooding_sewers/land-drainage-utility-faqs6133.aspx</a> )  Website Q&A (non-residential) <a href="http://www.edmonton.ca/for_residents/flooding_sewers/land-drainage-utility-faqs-for.aspx">http://www.edmonton.ca/for_residents/flooding_sewers/land-drainage-utility-faqs-for.aspx</a>  On-line application form
<b>2. Ann Arbor MI, USA</b>	Residential          Commercial	<i>Residential (One and Two-Family) Credits:</i>  1. Read brochure and take the RiverSafe survey to save \$1.26/quarter  2. Install rain barrels to save \$1.82/quarter, total of one to five rain barrels  3. Create a rain garden, cistern, or drywell (limited to one of these options per property) to save \$2.85/quarter.  <i>Commercial Credits:</i>  1. Join community partners for clean streams - save 17.3%, or \$1.17/quarter (clean streams training class, water quality assessment, sign to become a partner every 2 years)  2. Install a stormwater management system, and reduce the stormwater discharge rate by 29.5%.	Continual – quarterly for both residential and commercial          <i>Commercial Credits continued:</i>  3. Construct BMP for stormwater, and charge 17.3% if rate of stormwater discharge reduces by 6.4%	Residential:  -no fee          Commercial:  -no fees noted for any of the commercial credit types	Take survey  Rain barrels  Rain garden, Cistern or Drywell	Resource links on website  <a href="http://www.a2gov.org/government/publicservices/systems_planning/waterresources/Stormwater/Pages/StormWaterRates.aspx">http://www.a2gov.org/government/publicservices/systems_planning/waterresources/Stormwater/Pages/StormWaterRates.aspx</a>  Residential credits:  <a href="http://www.a2gov.org/government/publicservices/systems_planning/waterresources/Stormwater/Pages/ResidentialRatesCredits.aspx">http://www.a2gov.org/government/publicservices/systems_planning/waterresources/Stormwater/Pages/ResidentialRatesCredits.aspx</a>  Commercial credits  <a href="http://www.a2gov.org/government/publicservices/systems_planning/waterresources/Stormwater/Pages/CommercialStormWaterCredits.aspx">http://www.a2gov.org/government/publicservices/systems_planning/waterresources/Stormwater/Pages/CommercialStormWaterCredits.aspx</a>

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3. Portland, USA	Residential Commercial (IC&I)	<p>Rate: Portland’s stormwater costs are divided into two basic classes:</p> <p>Single family residences are charged a fixed monthly rate of \$8.78 based on 2400 square feet of impervious area.</p> <p>All other properties pay a monthly rate of \$4.01 for every 1000 square feet of impervious area.</p> <p><i>Current Method with Discount</i> - Charges based on impervious area.</p> <p>-Discount for private stormwater management and water quality facilities.</p> <p>Single Family Residence \$6.86 fixed charge with discount. \$11.04 without discount.</p> <p>All Other Property \$3.24 per 1000 square feet with discount. \$4.98 without discount.</p>	<p><i>Residential:</i> Discount is based on managing stormwater runoff from roof areas only. However, see note *</p> <p><i>Commercial:</i> Discount is based on managing stormwater runoff from both roof and paved areas.</p> <p>Maximum discount is 100% of the on-site stormwater charge.</p> <p>Continual – the discount remains in effect through to June 2017. The discount remains in effect through June 2017. The city will charge penalties and retract awarded discounts if a ratepayer files a fraudulent registration.</p> <p>*Ratepayers that can manage only a portion of their stormwater runoff are encouraged to apply for the discount - Partial credit is available on a sliding scale, including partial credits for tree coverage and a credit for residential properties that have less than 1,000 square feet of total impervious area (roofs, driveways and paved areas).</p>	<p>To maintain the discount, the utility account must remain active, stormwater facilities must be properly maintained and operated, and the city must be granted access to the property for limited inspections of stormwater facilities</p> <p>City will randomly visit sites to verify private stormwater facilities</p>	<p>-Options range from simply disconnecting your downspouts to landscaped areas or rain gardens to installing drywells and soakage trenches.</p>	<p>-online technical assistance page provides ratepayers with resources on how to retrofit properties with safe and effective stormwater management techniques.</p> <p>-The city also offers <a href="http://www.portlandonline.com/bes/index.cfm?c=43445">workshops</a> on stormwater management options <a href="http://www.portlandonline.com/bes/index.cfm?c=43445">http://www.portlandonline.com/bes/index.cfm?c=43445</a></p> <p>-<a href="http://www.portlandonline.com/bes/index.cfm?c=43437&amp;#calculator">discount calculators</a> to help calculate your discount. (both res. and comm. calculator <a href="http://www.portlandonline.com/bes/index.cfm?c=43437&amp;#calculator">http://www.portlandonline.com/bes/index.cfm?c=43437&amp;#calculator</a>)</p>
4. Seattle, USA	Credit not normally for residential, but open to everyone  Rebate through “Rainwise rebates” for residential  IC&I	<p>The program provides a discount on drainage bills for private stormwater systems that reduce stormwater flow and/or provide water quality treatment, which help lessen the impact to the City’s stormwater systems. Systems must be built to City Code standards and be properly maintained and functioning to be considered for credit.</p>	<p>Discount and credit support the fee-for-service system - credit could be up to 50% of the bill. There is a payment assistance program - eligible low income customers can receive a credit.</p> <p>Residential Rainwise Program is separate – one-time rebate can be applied for by residents in a specific area of Seattle where there are combined sewer overflows – City will pay for most of installation of cisterns or rain gardens</p>	<p>SPU may inspect systems once a year. If your stormwater system has not been properly maintained or is not working properly, you will have one month to repair, clean and maintain the system before a second inspection. Failure of a second inspection will terminate your credit.</p>	<p>“Residential Rainwise” program:</p> <p>“Rainwise rebates” – for installing cisterns and rain gardens</p> <p>-planting trees</p> <p>-improving soil with compost</p> <p>-reducing pavement and permeable paving options</p> <p>-disconnecting downspouts</p> <p>-installing</p>	<p>-Stormwater Facility Credit Program Flyer</p> <p>-Rainwise Guide and online information: <a href="http://www.seattle.gov/util/About_SPU/Drainage_Sewer_System/GreenStormwaterInfrastructure/ResidentialRainwiseProgram/index.htm">http://www.seattle.gov/util/About_SPU/Drainage_Sewer_System/GreenStormwaterInfrastructure/ResidentialRainwiseProgram/index.htm</a></p> <p>-Fact sheets</p> <p>-Stormwater design seminars</p>

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					cisterns -building rain gardens -rock filled trenches	
<b>5. City of Fitchburg WI, USA (24,000 residents),</b>	All sectors	Fitchburg Creek Supporter Program - Applicants that can demonstrate they are doing at least 30 of the 50 activities noted in the Pledge Form to protect Fitchburg's waters are eligible for a credit on their stormwater utility bill.	-credit – thus assuming continual (no details provided)	-no fee required	-yes – see description  More Information:  The following links contain information on how individuals can help improve water quality by constructing rain gardens, reducing fertilizer and pesticide use, and cleaning up pet waste:	-yes, through the Fitchburg Creek Supporter Program Pledge Form  <a href="http://www.city.fitchburg.wi.us/departments/cityHall/publicWorks/stormwater/documents/SWUCreekSupporter01-29-08.pdf">http://www.city.fitchburg.wi.us/departments/cityHall/publicWorks/stormwater/documents/SWUCreekSupporter01-29-08.pdf</a>  More Information: <a href="#">Rain Gardens</a> <a href="#">Rain Gardens on Clay Soils</a> <a href="#">Native Plant Sources</a> <a href="#">Lawn &amp; Garden Pesticides</a> <a href="#">Lawn &amp; Garden Fertilizers</a> <a href="#">Polluted Urban Runoff</a> <a href="#">Pet Waste &amp; Water Quality</a>
<b>6. Richmond, VA, USA</b>	All sectors	Non-residential properties may apply for partial credits up to a maximum allowable credit of 50% of the proposed fee providing they meet defined criteria. Examples of this would be implementation or construction of low-impact development (LID) methods or techniques.  Residential properties will be able to apply for partial credits in December 2010. Approved credits are in 2010 will be retroactive to July 1, 2010.	Credit is continual – see below:  Partial credits or waivers are based on methods implemented to reduce the quantity or improve the quality of stormwater run-off.  <i>Residential Program:</i> <a href="http://www.richmondgov.com/PublicUtilities/documents/SWcreditmanual.pdf">http://www.richmondgov.com/PublicUtilities/documents/SWcreditmanual.pdf</a>  Transfer of credit: The residential property credit applies only to the applicant. Credits do not transfer if ownership changes. A new application must be submitted for new account holders to receive the credit.		A reduction of up to 50% is offered to customers who implement an approved Stormwater Control Measure (SCM). These SCMs include:  -rain gardens -on-site SW	Online SW FAQ: <a href="http://www.richmondgov.com/PublicUtilities/StormwaterFAQ.aspx">http://www.richmondgov.com/PublicUtilities/StormwaterFAQ.aspx</a>  Information on SW credits online: <a href="http://www.richmondgov.com/PublicUtilities/StormwaterCredits.aspx">http://www.richmondgov.com/PublicUtilities/StormwaterCredits.aspx</a>  Credit manual for residential  Credit manual for non-residential and multi-family

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6. Richmond, VA, USA (cont'd)			<p>Single Family Residential Property Credit Limit: Single Family residential SCMs cannot be combined on a property for a credit larger than 50%.</p> <p>The credit is valid for three years. The property owner must re-submit the renewal application to continue to receive credit.</p> <p><i>Non-Residential Program:</i> <a href="http://www.richmondgov.com/PublicUtilities/documents/Stormwater_Credit_Manual_NonResidentialMultiFamily_Properties.pdf">http://www.richmondgov.com/PublicUtilities/documents/Stormwater_Credit_Manual_NonResidentialMultiFamily_Properties.pdf</a></p> <p>The stormwater credit is based on reducing the stormwater rate or volume flowing from a property to the stormwater system. The credit can be obtained through:</p> <ul style="list-style-type: none"> <li>• Installation and continuing use, operation and maintenance of an approved Best Management Practice (BMP) which is not owned, maintained, or operated by the City; or</li> <li>• Activities that reduce or alleviate the City's cost of providing a stormwater management program.</li> </ul>		<p>storage</p> <p>-vegetated filter strips</p> <p>-permeable pavement</p>	<p>On-line application</p> <p>BMP's for non-residential credits and inspection checklists</p>
7. Town of Smyrna, Tennessee, USA (location determined from City of Kitchener research)	<p>IC&amp;I</p> <p>Residential can apply for the "Small Homes Credit"</p>	<p>The credits that are available to other developed property (i.e. non-single family residential) storm water users include the following:</p> <ul style="list-style-type: none"> <li>• Credits for Deficient Properties;</li> <li>• Credits for Non-Deficient Properties;</li> <li>• Water Education Credit; and,</li> <li>• The NPDES Industrial Storm Water Discharge Permit Credit.</li> </ul> <p>Small Homes Credit:</p> <p>All single family residential properties are charged a flat storm water management fee, equal to the base</p>	<p>Credit – thus continual</p> <p><b>Non-deficient properties:</b> The maximum Water Quantity and/or Quality BMP credit that will be granted for any one property shall be 35%.</p> <p><i>Water Quantity Credit</i></p> <ul style="list-style-type: none"> <li>• A 15% credit for facilities which controls the 50-year storm event</li> <li>• A 20% credit for facilities which controls the 50 and 100-year storm events</li> </ul> <p>In addition to the above credit a water quality credit may also be applied.</p> <p><i>Water Quality Credit</i></p>	<p><b>A. Credits for Deficient and Non-Deficient Properties</b> The Storm Water Utility Credit Request Application Form is provided. Need to include a completed credit application form, credit application fee (<b>cost not identified</b>) and appropriate engineering drawings and all calculations necessary to determine quantity (volume and flow) and/or quality efficiency. All drawings and calculations shall be prepared and sealed by a professional engineer</p>	<p>Yes – see the Small Homes Credit information</p>	<p>Website – the Storm Water Utility Credit and Adjustment Policy Manual is on-line at:</p> <p><a href="http://www.townofsmyrna.org/publicworks/pdf/Microsoft%20Word%20-%20Storm%20Water%20Utility%20Credit%20And%20Adjustment%20Policy%20Manual%20Final%20_FINAL%204-22-08_.pdf">http://www.townofsmyrna.org/publicworks/pdf/Microsoft%20Word%20-%20Storm%20Water%20Utility%20Credit%20And%20Adjustment%20Policy%20Manual%20Final%20_FINAL%204-22-08_.pdf</a></p> <p>Stormwater FAQ's on website</p>

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7. Town of Smyrna, Tennessee, USA (cont'd)		<p>rate regardless of the size of the parcel or the impervious surface area of the improvements, except as provided herein. Single family residential property in which the impervious surface exceeds 10,000 square feet, including any detached accessory structures, shall be charged the same as the fee for other developed property. Therefore, the bulleted list above does not apply to single family residential properties or single family residential property containing more than 10,000 square feet of impervious surface. The Small Homes Credit provides an opportunity for single family residences with substantially less impervious area than the established ERU to request a reduction in their storm water user fee.</p> <p>Storm water users may apply for more than one credit opportunity provided the maximum credit allowance for a single property does not exceed 75%.</p>	<p>A 15% maximum credit may be applied for the on-site treatment of all impervious surfaces. The credit will be granted for the portion of impervious area that drains to the approved BMP and which removes at least 80% of the TSS during the first, ½ inch rainfall, flush volume. Each property will be evaluated on a case-by-case basis.</p> <p><b>Deficient properties:</b>  <b>Water Quantity Credit</b>  <ul style="list-style-type: none"> <li>• A 10% credit for facilities which controls the 2 through 25-year storm event</li> <li>• A 15% credit for facilities which controls the 2 through 50-year storm event</li> <li>• A 20% credit for facilities which controls the 2 through 100-year storm event</li> </ul>           In addition to the above credit, a water quality credit may also be applied.</p> <p><b>Water Quality Credit</b>            A 15% maximum credit may be applied for the on-site treatment of all impervious surfaces. The credit will be granted for the portion of impervious area that drains to the approved BMP and which removes at least 80% of the TSS during the first, ½ inch rainfall, flush volume. Each property will be evaluated on a case-by-case basis.</p> <p><b>C. Water Education Credit</b>  <b>Eligibility:</b>            All public or private elementary, middle and high schools and colleges located within the Town of Smyrna.  <b>Description:</b>            The Water Education Credit is available to individual schools that implement a water resources based curriculum such as Project WET (Water Education for Teachers) or any other proposed program that is approved by the Town of Smyrna.</p> <p><i>Credit Amount:</i></p>	<p>registered to design storm water management facilities and BMPs in the State of Tennessee. The submittal shall also include a topographic map or site plan to scale that provides the existing and proposed contours indicating all site drainage patterns and vicinity map.</p> <p><b>B. Water Education Credit</b>            The submittal for the Water Education Credit shall include a completed credit application form and an attached detailed description of the water resources curriculum proposed including the length of the program and number of students it will teach during the school year. No credit application fee is required. Subsequent annual renewals shall be submitted on the Water Education Renewal Form provided by September 1.</p> <p><b>C. NPDES Industrial Storm Water Discharge Permit Credit</b>            The submittal for this credit shall include a completed credit application form, credit application fee and a copy of the complete NPDES Permit provided by TDEC, which identifies the permit coverage period.</p> <p><b>D. Small Homes Credit</b>            The Small Homes Credit submittal shall include a completed credit application form, a sketch including all dimensions of the actual measured impervious area on</p>		

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7. Town of Smyrna, Tennessee, USA (cont'd)			<p>The credit amount will be determined on a case-by-case basis by the Town of Smyrna and will be based on the percentage of students the curriculum teaches and the overall length of the program. The maximum Water Quality BMP credit that will be granted for any one school or college shall be 25%.</p> <p><i>Annual Certification:</i> The Water Education Credit awarded shall be recertified annually at the beginning of each school year. The credit may be adjusted by the Town of Smyrna to account for changes in the program scope. The recertification submittal shall be sent to the Town of Smyrna by September 1 of each year for consideration of credit for the following year.</p>	<p>the property and a copy of the detailed calculations. No credit application fee is required.</p> <p><b>E. Utility Fee Adjustment</b> The submittal for a fee adjustment shall include a completed Storm Water Utility Adjustment Application Form provided in Attachment 3. The submitted application shall include all required information to be considered complete and reviewable and shall include a detailed site plan with dimensions of all existing impervious areas. The Town may request the customer to provide supplemental information including but not limited to survey data prepared by a Tennessee Registered Land Surveyor. There is no application fee associated with the adjustment request.</p>		
8. Griffin, Georgia, USA (location determined from City of Kitchener research)	<p>Groups of homeowners (neighbour-hood assoc.)</p> <p>Non-residential</p>	<p><b>Peak Flow Reduction Credits</b> The stormwater utility fee has two types of credits available. Non-residential customers and groups of homeowners like neighborhood associations can apply for a peak flow reduction credit of up to 50% for onsite stormwater control facilities. All peak flow reduction credit applications must be completed by a certified public engineer that is registered to practice in the State of Georgia and inspected by the stormwater department before the credit is approved to ensure that all of the control equipment is installed properly and the system is being adequately maintained.</p> <p>1. A credit of 20% is available to customers who install onsite control systems that reduce the peak discharge rate for a ten-year storm to no more than 10% greater than the peak rate before development.</p>	<p>Credit – not rebate, thus continual program</p> <p><b>Education Credit</b> is also available to public and private schools:</p> <p>The Griffin stormwater utility fee also has an education credit that is available to public and private schools in the stormwater service area that have 1,000 or more students in their system. The credit offers up to a 50% reduction in the schools' stormwater charges for teaching the Water Wise program to students. The Water Wise program teaches children about the importance of water resources and how they can help to improve water quality in their communities. Schools that are interested in obtaining a credit for teaching the Water Wise program must apply in writing to the stormwater utility and certify how many students attend the school, what proportion of the students</p>	<p>Require a Professional Engineer to sign off</p>	<p>No rebates</p>	<p>On-line information at:</p> <p><a href="http://www.cityofgriffin.com/Departments/PublicWorks/Stormwater/tabid/147/Default.aspx">http://www.cityofgriffin.com/Departments/PublicWorks/Stormwater/tabid/147/Default.aspx</a></p> <p>Credit technical manual on-line at:</p> <p><a href="http://www.cityofgriffin.com/LinkClick.aspx?fileticket=LtNLRxovylA%3d&amp;tabid=373">http://www.cityofgriffin.com/LinkClick.aspx?fileticket=LtNLRxovylA%3d&amp;tabid=373</a></p>

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8. Griffin, Georgia, USA (cont'd)		<p>2. A credit of 30% is available if the peak rate is reduced to a level that is equal to the pre-development rate or provides less than a 10% reduction below the pre-development peak flow rate.</p> <p>3. Finally, a credit of 50% is available to customers that implement onsite controls that result in a 10% reduction in the pre-development peak flow rate. The City of Griffin is also considering adding a water quality credit but that program has not been finalized.</p>	in each grade will take the curriculum, and the amount of time during the school year that the students will take the program.			
9. Louisville-Jefferson County Kentucky (location determined from City of Kitchener research)	Non-residential	<p>Credits are available to Class B property owners (ie. developed parcel that is not a single or a two-family residential parcel) who provide on-site stormwater retention or detention facilities that meet certain conditions. The property owner must bear the costs of operating and maintaining the on-site stormwater controls, construct the facilities using plans approved by the Metropolitan Sewer District (MSD), obtain all required permits to operate the facilities, and give MSD access to the facilities for inspection purposes.</p> <p>The on-site control credits are calculated by reducing the number of equivalent service units (ESU's) the property owner is liable for by the percent reduction in stormwater runoff provided by the stormwater control facilities. For example, if a Class B customer installed onsite stormwater controls that decreased stormwater runoff from the property by 10%, the customer would receive a 10% reduction in the number of ESU's he was liable for.</p> <p>The maximum credit adjustment available for Class B stormwater customers is a stormwater charge reduction to 18% of the original charge.</p>	Credit, thus on-going No rebates discussed	No information on application fee.	None	On-line information at: <a href="http://www.msdlouky.org/education.htm">http://www.msdlouky.org/education.htm</a>
10. Sarasota, Florida, USA (location	All sectors	The Stormwater Environmental Utility has credits available to property owners who have private stormwater management systems serving their	Credits, and thus continual No rebates discussed	No fee for residential One time non refundable fee of	Yes	Information on-line at: <a href="http://www.scgov.net/EnvironmentalServi">http://www.scgov.net/EnvironmentalServi</a>

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determined from City of Kitchener research)		property. Credits are calculated based on three factors: runoff quantity, runoff quality, and discharge rate. For agricultural land, the runoff quantity component constitutes 50% of the credit and runoff quality and discharge rate constitute 25% each. For non-agricultural parcels, runoff quantity and discharge rate constitute 40% each and runoff quality accounts for the remaining 20%.	Application for Stormwater Retention or Stormwater Detention Credits must be submitted by the property owner to receive:  1. Additional credit greater than the standard 25% granted to post 1981 LDR developments.  2. Credit for stormwater retention or detention systems associated with pre-1981 LDR developments.  3. Credit for new or improved stormwater retention or detention systems  Credit Policies and Procedures Manual – online at:  <a href="http://www.scgov.net/EnvironmentalServices/Water/SurfaceWater/documents/CreditPolicy.pdf">http://www.scgov.net/EnvironmentalServices/Water/SurfaceWater/documents/CreditPolicy.pdf</a>	\$175 for non-residential		<a href="ces/Water/SurfaceWater/Stormwater.asp">ces/Water/SurfaceWater/Stormwater.asp</a>
11. Henry County, GA (location determined from City of Kitchener research)	NON-Single Family Residential (NSFR)	All Non-Single Family Residential (NSFR) parcels are eligible for consideration for service fee credits as specified in the Service Fee Credit Manual.  The Stormwater Utility Service Fee Credit Manual establishes criteria and a process for the appropriate and effective adjustment of stormwater fees to account for qualifying activities, practices, and property characteristics that reduce the County’s cost of services related to stormwater management. This policy is based on the following premises:  -Property owners exercise control over factors that affect stormwater runoff quality and quantity.  -Property owners may reduce the utility’s costs of services through development choices, specific property facilities, management practices, and services.  -Stormwater fees and credits provide an incentive for improved watershed management practices.  -The impervious area of a parcel is the primary basis	No rebates offered.  Credit applications are for a fixed term of one billing cycle:  Jan. 1 – Mar. 1 (60 days)– Applications are received and recorded.  Mar.1 – May 1. (60 days) – Applications are reviewed and processed.  May 1 – July 1 (60 days) – Period open for appeals.  July 1 – Aug. 1 (30 days) – Final Approved Credits are posted to the Master Account File	Credit applications are for a fixed term of one billing cycle and require a non-refundable application processing fee of \$250 with the submittal.  Applications for “A” education credits are for 1 year and require a processing fee of \$50.  Credits subject to an annual review and certification require a review processing fee of \$50 with the submittal.  A filing fee of \$50 is required with any appeal or resubmittal.	None – single family residential (SFR) parcels are not eligible for the credits specified in the Service Fee Credit Manual – these parcels have already been provided with a built-in credit within the basic service fee structure.  This built-in provision greatly simplifies and reduces the costs that are associated with implementation of a credit policy	Information available on-line at:  <a href="http://www.co.henry.ga.us/stormwater/StormwaterCredit.shtml">http://www.co.henry.ga.us/stormwater/StormwaterCredit.shtml</a>  Credit documentation on-line includes links to pdf’s:  -Board of Commissioners Exec. Summary  -Stormwater Exec. Summary  -Credit Policy Resolution  -Credit Manual and Applications



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11. Henry County, GA (cont'd)		<p>for determination of the applicable base fee.</p> <p>The Stormwater Utility Service Fee Credit Manual has been created to provide information and procedures for applying for a stormwater service fee credit or fee adjustment for factors related to the amount of impervious area.</p>			for SFR.	
12. City of Covington, USA (location determined from City of Kitchener research)	All sectors (Any property owner can apply for a credit if they own property in the City and own and maintain a SWM BMP on their property.	<p>Two types of credits are available for stormwater BMPs: <i>detention and retention</i>. A stormwater BMP that provides partial retention of runoff is considered a stormwater detention BMP.</p> <p><i>Stormwater Detention BMPs:</i></p> <p>The owner of a qualifying property will receive a credit of 10 percent for each of the four Unified Stormwater Sizing Criteria requirements, as set forth in the Georgia Stormwater Management Manual (GSMM), that are met—the maximum credit for any single qualifying property that produces stormwater runoff being 40 percent. An additional 5 percent credit will be given to industrial properties that maintain a current NPDES Industrial Stormwater permit.</p> <p><i>Education Credits:</i></p> <p>Educational institutions can receive an additional 10 percent credit for implementing a stormwater education curriculum.</p> <p>The four Unified Stormwater Sizing Criteria a property must meet to qualify for a credit include water quality treatment, channel bank protection, overbank protection, and extreme flood protection. These criteria can be met through one BMP or multiple BMPs located on a single property.</p>	<p><i>Stormwater Retention BMPs</i></p> <p>A 75 percent credit may be given properties that demonstrate that all of the stormwater runoff from their site is contained on the site. This credit is given in place of any credit for stormwater detention BMPs. Retention is defined as procedures and schemes whereby stormwater is held for considerable periods causing water to continue in the hydrological cycle via infiltration, percolation, evapotranspiration, and not via direct discharge to watercourses.</p> <p>A hydrologic study prepared by a professional engineer must be submitted with the credit application. The study should show that 100 percent of the 100-year, 24-hour storm is retained on site. The study must also include soil investigations that show an infiltration rate that will allow the 100-year storm to completely infiltrate within 72-hours.</p>	<p><i>Application and Approval of Credit</i></p> <p>Property owners must complete a Stormwater Utility Mitigation Credit Application and submit it to the City Engineer. Applications should be submitted within 90 days the date the stormwater utility bill is mailed. A Notice of Pending Credit or Adjustment Application should be submitted within 30 days to inform the City that a change in the utility fee is being requested.</p> <p>After approval of the application and completion of an inspection, the City will institute the credit retroactive to the date of application.</p> <p>The credit shall remain in force as long as the stormwater management BMP is maintained according to the criteria listed in the O&amp;M Plan for the BMP.</p> <p>The application must include</p>	Rebates not mentioned	<p>Information available on-line:</p> <p><a href="http://www.cityofcovington.org/DEPARTMENTS/STORMWATER/Pages/StormwaterUtility.aspx">http://www.cityofcovington.org/DEPARTMENTS/STORMWATER/Pages/StormwaterUtility.aspx</a></p> <p>FAQ's:</p> <p><a href="http://www.cityofcovington.org/Departments/Stormwater/Pages/FAQ.aspx">http://www.cityofcovington.org/Departments/Stormwater/Pages/FAQ.aspx</a></p> <p>Stormwater Utility Credit and Adjustment Policy Manual:</p> <p><a href="http://www.cityofcovington.org/Departments/Stormwater/Documents/SWUtility_CreditManual4_26.pdf">http://www.cityofcovington.org/Departments/Stormwater/Documents/SWUtility_CreditManual4_26.pdf</a></p>

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12. City of Covington, USA (cont'd)				<p>the following:</p> <ul style="list-style-type: none"> <li>- A Stormwater Utility Mitigation Credit Application prepared for each property.</li> <li>- A stormwater management BMP Design Summary for each BMP included in the application that is certified by a professional engineer registered in the State of Georgia.</li> <li>-A Site plan that shows property boundaries, easements, topography, drainage features, floodplain/ floodway locations, SWM facilities, and structure details. The plan is required to be an as-built construction drawing signed and sealed by a surveyor or engineer licensed in the State of Georgia.</li> <li>-A Drainage Report that includes hydrologic and hydraulic calculations in accordance with the GSM requirements, water quality volume calculations, pre- and post-development peak flows, and stage-storage-discharge relationships and calculations. The report is required to be signed and sealed by a licensed engineer.</li> <li>-An Operation and Maintenance Plan.</li> <li>-A Right-of-Entry form granting the City access to the BMP for the purpose of inspection and</li> </ul>		

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				verification.		
<b>13. City of Bend, Oregon, USA (location determined from City of Kitchener research)</b>	Credit program only applies to non-single family residential and non-duplex residential (NSFR) properties.	<p>The maximum allowable credit amount is based on the Capital Improvements and Water Quality Management portions of the stormwater utility budget (see application packet pg. 1 for details on breakdown). The maximum allowed credits are 36% for water quantity and 23% for water quality (or total of 59% for both).</p> <p>Credits are only available when on-site stormwater systems go beyond the basic requirements described in the Central Oregon Stormwater Manual (COSM). Project proponents are expected to follow the procedures in the COSM when designing stormwater systems in the City. An electronic copy of the COSM is available on the City web site and at <a href="http://www.coic.org">www.coic.org</a>. This manual was developed by and for Central Oregon. It is based on good engineering practices and standards and is, therefore, appropriate for use by stormwater professionals.</p> <p><b>Education Credits</b></p> <p>As part of its stormwater permits, the City has BMPs related to providing stormwater quality education to school children. To achieve these BMPs (see especially Integrated Stormwater Management Plan BMP III-4 and BMP IV-3), the City will grant stormwater service charge credits to public and private schools that provide this education.</p> <p>Based on the cost savings to the City from implementing a 4th grade education program with City staff presentations via the tasks described above, the education credit will be \$2.00 for each student taught per year. The City prefers that the stormwater curriculum be taught in the 4th through 6th grades but may accept applications for higher grades.</p> <p>To qualify for the credit, the applicant shall provide a copy of the lesson plan (or use a lesson plan provided by the City) and an estimate of the number of children expected to receive the education during</p>	<p><b>Education Credits – renewal:</b></p> <p>To renew the credit for a subsequent year, the applicant shall provide a copy of the updated lesson plan as appropriate, an accounting of the number of children who received the education during the previous school year, and an estimate of the number who will receive the education during the upcoming school year. Lesson plans must be approved or provided by the City of Bend. The credit will be based on the applicant’s estimate of the number of school children expected to receive the stormwater education during the school year. This credit is in addition to any other stormwater service charge credits the applicant may receive.</p>	<p>No fees noted.</p> <p>Applicants interested in applying for stormwater credits should complete the application and provide any supplementary materials requested.</p> <p>Upon receiving an application, City Stormwater Utility staff will conduct a review of application completeness within 30 days, and will notify the applicant should the application be deemed not complete.</p> <p>Within 60 days of receipt of a completed application, the utility staff person will make a decision. The stormwater utility staff person will send an intermediary correspondence to the applicant informing him/her of the decisions made and will provide the necessary information to the Finance department for processing.</p> <p>For completed applications received prior to December 31, 2007, all credits will automatically be backdated to July 1, 2007, the start of the utility service charge.</p> <p>For completed applications received after December 31, 2007, the credits will be backdated to the date the completed application was received by the City.</p>	None available	<p>Information available on-line:</p> <p><a href="http://www.ci.bend.or.us/depts/public_works/stormwater/stormwater_utility_fee.html">http://www.ci.bend.or.us/depts/public_works/stormwater/stormwater_utility_fee.html</a></p> <p>Stormwater Utility Service Charge Credit Program Application Packet:</p> <p><a href="http://www.ci.bend.or.us/depts/public_works/stormwater/docs/CreditApplication20070911.pdf">http://www.ci.bend.or.us/depts/public_works/stormwater/docs/CreditApplication20070911.pdf</a></p>

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13. City of Bend, Oregon, USA (cont'd)		<p>the school year.</p> <p><b>Demonstration Project Credits</b></p> <p>The City encourages innovative stormwater management projects and will reduce or waive the service charge for qualified participants. NSFR landowners who wish to participate in a stormwater demonstration project should submit a proposal to the City. Proposals will be considered on a case-by-case basis.</p> <p>The proposal must include, at a minimum, engineering and design information; a performance evaluation plan; a commitment to allow reasonable public access to the facility and to any data and reports; and a schedule for beginning of construction through final evaluation.</p> <p>Projects will be judged on the basis of their innovative concepts and applicability to Bend's unique climate and geology.</p>				