

Annual Report

2012

Environmental Stewardship *in Jasper*



Parks Canada
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Canada



Message from the Coordinator

Jasper is a vibrant community of residents who demonstrate their commitment to sustainability and the environment on a daily basis. The Municipality of Jasper and Parks Canada strive to be leaders in environmental stewardship. The Environmental Stewardship Annual Report looks at the performance of the past year and details progress in the area of stewardship initiatives, public education and outreach, waste reduction programs and policy development.

Partnering with local organizations such as the Jasper Local Food Society, Friends of Jasper National Park, Jasper Trail Alliance, Jasper Park Cycling Association, the Green Space Committee (Communities in Bloom), the Jasper Environmental Stewardship Society and the dynamic Jasper Sustainability Club for Youth fosters increased local engagement and productive outcomes.

Highlights from 2012 include:

- Establishment of the Jasper Reuse-it Centre,
- Work on a comprehensive Green Building Policy,
- Community Beverage Container Donation Program,
- Jasper Environmental Stewardship Awards,
- Expansion of the recycling program – printer cartridges, Parts for Bikes, paper recycling at the post office,
- Increased collection of e-waste, hazardous waste, fibre, and
- Community activities held during Environment Week, Earth Day, Earth Hour, Locavore Week, Parks Day and Canada Day.

In 2013 we will continue on the path to environmental sustainability.

Janet Cooper, Environmental Sustainability Coordinator



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Vision

Excerpts from the Vision Statement in the Jasper Community Sustainability Plan (JCSP):

Jasper is a community in which individual and collective actions respect and integrate the values of environmental stewardship, economic health, social equity, cultural vitality and participative governance.

Jasper is a leader in sound environmental practices and sustainable tourism. Residents and visitors respect the inherent value of Jasper National Park and accept and honour their environmental responsibilities.

Principles

One of the five Jasper Community Sustainability Plan principles is to:

Foster sustainable living by reducing community resource dependency and demonstrating leadership in environmental stewardship.

The primary purpose of the Environmental Stewardship Coordinator is to develop and implement programs and initiatives that demonstrate leadership in the area of environmental stewardship which are consistent with the strategies and goals identified in the Jasper Community Sustainability plan.

Environmental Goals in the JCSP

- ◆ Be a leader in environmental stewardship
- ◆ Protect Jasper's air quality and promote dark skies
- ◆ Be responsible stewards of land and soil resources
- ◆ Protect Jasper's water resources and water quality, and promote water conservation
- ◆ Protect forests and native plant communities in Jasper and surrounding areas
- ◆ Ensure all new development and redevelopment meets a green standard
- ◆ Practice and promote energy conservation
- ◆ Promote green energy practices
- ◆ Provide municipal services that are cost-effective and minimize environmental impact
- ◆ Practice and promote responsible waste management
- ◆ Practice and promote water conservation
- ◆ Promote walking and cycling in Jasper
- ◆ Support and promote affordable and accessible alternatives to the private auto mobile for local travel in Jasper
- ◆ Support and showcase Jasper as a green destination and a leader in environmental practices and sustainability

The need for a Reuse-it Centre is identified in the Jasper Community Sustainability Plan (2011) and in the Jasper Waste Management Strategy and Implementation Plan (2011) as component of responsible waste management. In addition to reducing waste going directly to the landfill, the Reuse-it Centre addresses goals relating to social equity and building of community. Establishing a Reuse-it Centre in Jasper was given top priority in the 2011 environmental stewardship program work plan.

The proposal to open a Reuse-it Centre in Jasper was presented to the Municipality of Jasper Council in February 2011. Both Parks Canada and municipal Council approved the release of \$65,000 from the environmental stewardship reserve account to provide support for the start-up of a Reuse-it Centre as a pilot project for two years.

A non-profit society named JESS – the Jasper Environmental Stewardship Society – was incorporated on February 16, 2012. The Jasper Reuse-it Centre operates as a fundraising arm of the society. The Jasper Reuse-it Centre opened for business at the beginning of May 2012 in a leased commercial space in the Stan Wright Industrial Park. It is a secondhand store selling furniture, household goods and sporting goods donated by residents and businesses in the community. The centre is open 15 hours per week and operates with a paid manager and volunteers.

Monthly revenue was relatively consistent in the first eight months of operation; however, not sufficient to cover operating costs. A budget based on remaining in the current location and maintaining current average sales projected a deficit of \$45,000. On February 19, 2013 Council and Parks Canada approved the release of an additional \$32,000 from the environmental stewardship reserve funds for 2013. The current location of the Reuse-it Centre hinders growth. Tucked away at the back of the industrial park, the store is not easy accessible to

foot traffic. This affects participation of volunteers as well as customers. Visibility of the store plays a role; out of sight, out of mind. Every effort is being made to secure an in-town location, preferably with a lower rent. Donation of goods has been steady since the store opened. However, without a change in location, the potential for the Reuse-it Centre to achieve sustainability is low. The non-profit JESS will continue to fundraise and sell memberships to generate revenue for the Jasper Reuse-it Centre.

Grand Opening
May 2012



Every community benefits from a secondhand store. Traditionally thrift shops existed primarily for the needy; in today's world of consumerism the quantity of still useful goods that flows directly to the landfill is shocking. Environmentally responsible residents choose to reuse and recycle to reduce their carbon footprint.

A Service for the Town

From May to December 2012 the Reuse-it Centre (RUI) Manager made 76 trips to the Transfer Station. The Reuse-it Centre works cooperatively with the United Church Thrift Shop who primarily sells clothing. Furniture is often dumped at their store front and the RUI manager assists the Thrift Shop by removing these items. These donations are not always reusable. The manager also takes loads of ewaste, appliances, metal and HHW to the Transfer Station. The annual municipal residential fall and spring pick-ups were terminated in the spring of 2012. Residents now have the option of calling the Reuse-it Centre if they need a pick-up.

The Reuse-it Centre provides an outlet to donate reusable goods. Secondhand goods are sold through garage sales and online trading sites; however, items are not always sold. Having an outlet that accepts donations and offers a pick-up service has decreased illegal dumping by residential bins. This benefits the municipality through reduced staff hours and vehicle use of grounds staff who regularly pick up dumped items and take them to the Transfer Station. Keeping heavy furniture and household goods in circulation rather than being transported to the landfill also reduces garage fees for every ratepayer through reduced transportation costs and lower tipping fees at the Hinton landfill.



Above: Christmas shopping event for kids. For a \$5 fee elementary school children picked gifts at the Reuse-it Centre for family members. Environmentally-friendly gift wrapped was included!

To right: JESS holds a lunch fundraiser to raise awareness for the Reuse-it Centre at the CFL Grey Cup train stop in Jasper in September 2012.



Developing a Green Building Policy

In the Jasper Community Sustainability Plan an environmental goal in the category of built environment is to ensure all development and redevelopment meets a green standard. Parks Canada and the Municipality of Jasper have committed to working collaboratively to develop a comprehensive Green Building Policy for public and private buildings within the Jasper townsite.

The adoption of sustainable building practices and standards can have a significant impact on a community's physical and carbon footprints, through reduced use of resources during building, construction and operation. A strong green building policy is needed to encourage development to occur in a manner that is more environmentally sustainable than is achievable through traditional building methods.

The Green Building Policy Committee first convened in August 2012. Its members include staff from Parks Canada, a municipal Councillor, the Environmental Stewardship Coordinator, and students from the Jasper Sustainability Club for Youth and Jasper residents. Early meetings focused on current green building best practices and a review of green building

policy in other towns and cities including Banff, Canmore, Whistler, Vancouver and Edmonton. Planning is underway to host a public engagement event facilitated by experienced sustainability experts and policy writers.

At the beginning of November 2012 Parks Canada held the Annual Planning Forum where they report on progress in implementing the management plan for Jasper National Park. This year Green Building Policy was one of the topics for discussion. A comprehensive public engagement process will be essential to the successful implementation of a new green building policy for Jasper.



Community Beverage Container Recycling Donation Program

The town of Jasper’s two recycling depots were originally set up with an enclosed area to collect milk containers that were recycled under the Alberta Dairy Council Milk Container recycling program named **Swish and Squish**. In June 2009 milk containers and jugs were added to the existing provincial deposit/refund system for all beverage containers. In 2010 the caged area at both recycling depots was repurposed to collect donated beverage containers for recycling. Residents could donate their containers and have a portion of the refunds deposit go to a local non-profit organization under the Community Beverage Container Recycling Program.

The donation program was launched in September 2010. A service contract was negotiated that included emptying the collection bags, keeping the cages clean, and sorting the containers. Payment was 40% of the total refund deposits. The remaining 60% was divided amongst the non-profits. Originally residents could choose which group they wanted to donate to. Each depot cage could accommodate 8-9 collections. This was changed after a year when it became evident that the bags that filled most quickly were the ones with the easiest access – at the top of the steps.

At the end of 2011 the contract was renegotiated to a 90% (non-profits) - 10% (service) split. The contract was expanded to include collection of containers from all the town public beverage container bins in the central business district. The contractor retained 100% of the deposits from the central business district bins. The number of participating non-profits organizations grew. Applications to join the program are approved by the Environmental Stewardship Advisory Committee (ESAC).

In September 2010 the program began with 14 non-profit organizations;

currently there are 23. In October 2012 the service contract was terminated and the Environmental Services department of the municipality took over collection and sorting of the containers from both the town bins and the cages at the two recycling depots. How funds can best be distributed to local groups while ensuring municipal costs are covered is currently under review. To date, the Beverage Container Recycling Donation Program has distributed \$15,969 back into the community.

Collection Period			Number of Containers	Total refund deposits	Total paid to non-profits
Year	From	To			
2010	Sept	Dec	18,138	\$ 2,542	\$ 1,523
2011	Jan	Dec	120,859	\$ 12,920	\$ 7,752
2012	Jan	Dec	70,802	\$ 8,550	\$ 6,694
TOTAL			209,799	\$ 24,012	\$ 15,969



Alberta Recycling Stewardship Programs

The Alberta Recycling Management Authority is a not-for-profit association responsible for managing Alberta’s tire, electronics and paint recycling programs. Tire Recycling Alberta, Electronics Recycling Alberta and Paint Recycling Alberta are funded by advance disposal fees collected at the time of sale of eligible products such as new passenger car and truck tires, new TVs and computers, or paint. More than ever, Alberta Recycling programs are recognized as some of the best recycling programs in Canada. The Jasper Transfer Station is a registered program collection site.

Electronics Recycling



Electronics Recycling Alberta (ERA), a division of ARMA, administers the provincial ewaste program. Collected materials are transported by Registered Processors for processing and further recycling. Eligible products include computers, servers, keyboard, mouse, cables, speakers, printers, laptops, and tablets. Throughout the year residents and business owners can take ewaste to the Jasper Transfer Station. An annual ewaste and household hazardous waste (HHW) Round-up is held in town during Environment Week. ERA pays out an incentive to the municipality based on eligible tonnage. Although provincially the collection of electronics has leveled off, in Jasper it continues to grow.

Ewaste	2009	2010	2011	2012
weight collected	10.58 MT	18.00 MT	26.69 MT	36.77 MT

Tire Recycling

Alberta’s tire recycling program is 20 years old and has expanded to include off-road tires ranging in size from large industrial tires to small specialty tires (e.g. all-terrain vehicles). Today, the program now ensures almost all tires used in Alberta can be recycled. Nearly 20 MT of tires were shipped from the Transfer Station for recycling in 2012.

Paint Recycling

Alberta’s paint program is growing stronger every year. To make sure the program continues to grow toward a sustainable solution to deal with old paint, Alberta Recycling continues to explore new markets for recycled paint. In just its fourth year of operation, the program continues to process over 2 million litres annually and virtually all of the paint eligible for processing is recycled or used as a fuel source for energy recovery.

Parts for Bikes

Discarded bikes in Jasper were added to the large pile of metal recycling at the Transfer Station. A request came from a resident to set up a dedicated pile of bikes, separate from the metals pile after he noticed unsafe salvaging for parts in the metals pile. The Parts for Bikes pile was set up in July. In addition to parts being salvaged, entire bikes are often taken and repaired.



Think Recycle Program

Think Recycle is a cost-free environmental fundraising program that rewards members with money and environmental incentives for the collection of unwanted electronics. Organizations that are eligible to participate in Think Recycle include charities, schools, not-for-profits, churches, teams, clubs and associations. In Jasper, two organizations participate in the Think Recycle Program – the Jasper Gymnastics Club with a drop off box in the Jasper Activity Centre and JESS, the Jasper Environmental Stewardship Society, with a drop off at the Jasper Reuse-it Centre. Eligible electronics include printer cartridges, cell phones, iPads, laptops and digital cameras.

Cardboard, Newsprint and Mixed Paper

The recycling bay at the municipal Environmental Services building that houses the baler is open for business seven days a week. Cardboard is baled every afternoon. Commercial operators bring loads of cardboard directly to the bay in addition to cardboard collected from the recycle depots and bins through town. Commodity prices for fibre fluctuate monthly. In 2012 cardboard prices varied between \$40-\$85 per metric tonne, newsprint between \$20-\$60 and mixed paper between \$15-\$50 per metric tonne.

Metric Tonnes shipped from Jasper									
	2004	2005	2006	2007	2008	2009	2010	2011	2012
OCC (cardboard)	332.44	429.56	407.31	419.44	353.81	359.59	396.48	397.44	425.20
ONP (newsprint)	66.00	70.99	85.89	109.16	66.23	64.67	76.40	64.77	49.89
Mixed Paper	176.11	124.50	86.84	105.82	80.61	102.70	116.90	94.92	114.68
TOTAL	574.55	625.05	580.04	634.42	500.65	526.96	589.78	557.13	589.77

Jasper Waste Diversion					
Waste Category		Weight (Tonnes)			
Date Source	Material	2009	2010	2011	2012
BCMB	Beverage containers	310.01	415.27	470.78	423.51
Cascades	Cardboard	359.59	389.78	397.77	425.20
	Newsprint	64.67	76.40	64.77	49.89
	Mixed plastic	11.75	0.00	13.55	0.00
	Mixed paper	102.70	116.90	94.92	114.68
DBS Environmental	Household Hazardous Waste	4.22	4.48	3.79	2.71
	Batteries				1.66
	Fluorescents/Halides				0.28
	Paint	24.40	16.75	6.08	15.27
2012	Propane canisters 3596				
E- Cycle	E-waste	10.58	18.00	26.69	36.77
Transfer Station	glass	1.80	21.77	24.32	22.69
	waste oil	3.40	3.90	1.69	6.43
	vehicle tires	15.87	18.20	24.86	19.90
	scrap metal	284.32	77.42	86.83	112.73
	appliances			56.78	31.60
	tin / aluminum			18.89	16.92
	yard waste	82.10	136.00	141.34	122.29
	wood chips			9.88	58.84
	wood shingles				34.01
	clean wood			160.43	318.78
	trees			189.18	321.18
	kitchen organics	335.97	327.00	325.80	381.36
	Total weight diverted		723.46	1621.87	2118.35
Transfer Station to Hinton landfill	mixed solid waste	2802.27	3404.26	3476.38	3573.29
Private haulers from from Jasper to Hinton Landfill				687.00	706.98
Total weight to landfill				4163.38	4280.27
Total weight to landfill + total diverted				6281.73	6796.97
Diversion Rate		36%	32%	34%	37%
United Water (WWTP)	Biosolids	2202.00	2376.00	2248.00	2587.74

Jasper Local Food Society

- ◆ Support through advertising, promotion of events
- ◆ Participation in Locavore Week events in March

Jasper Sustainability Club for Youth

- ◆ Youth Sustainability Conference at the Palisades Centre
- ◆ Participation on the Green Building Policy committee

Bike Town sponsored by Freewheel Cycle

- ◆ Every June during Environment Week Freewheel Cycle gives away bikes to promote cycling in town. Applicants submit an essay detailing how a bike would benefit their organization or themselves.

Jasper Environmental Stewardship Society

- ◆ Pilot project - Jasper Reuse-it Centre

Locavore Week *March 15–17, 2012*

The Jasper Local Food Society, a grassroots organization dedicated to increasing local food awareness, runs the community gardens and Local Farmer's Market. Events planned for Locavore Week included a Restaurant Panel Discussion with Melissa Scaman, a LEAF auditor. LEAF began in Calgary, Alberta in 2009 in response to a recognized need for a service which helps restaurants reduce their environmental impact, and makes it easy for diners to identify green restaurants. LEAF provides a benchmark to measure the environmental sustainability of foodservice establishments in Canada, and fosters sustainability by working with the community to support the local economy. LEAF is the first national foodservice certification of its kind. The panel included local chefs and restaurateurs. The environmental stewardship coordinator spoke about Jasper's commercial compost program.

Communities in Bloom

Communities in Bloom is a national organization dedicated to the promotion of green spaces in community settings. Within the actual context of climate changes and environmental concerns, communities involved in the program can be proud of their efforts, which provide real and meaningful environmental solutions and benefit all of society.

The Municipality of Jasper, the winner of the 3,001 - 6,500 population category of the 2012 National Edition of Communities in Bloom, received a 5 Bloom rating and a special mention for Environmental Stewardship.

Volunteer judges Alex Pearl and Sandy Cairns wrote: "From an early trading post to today's active community, Jasper, Alberta within the boundaries of Jasper National Park is in the unique situation of being part of a greater UNESCO World Heritage site. Under the guidance of their Environmental Advisory Committee and in partnership with Jasper National Park the community works diligently to have the least impact on the environment as possible. Programs such as Zero Waste, night sky lighting, composting, effective recycling programs, bicycle usage by 57% of the citizens are but some of the initiatives that have been effective. The high school sustainability club for youth has demonstrated their ability to continue efforts in new and even greater depth for generations to come."

The CIB Committee in Jasper is coordinated by Gerry Lettner, Program Manager, along with the Green Space Committee, Parks Canada, the Municipality of Jasper and the Environmental Stewardship Coordinator.



A key component of the environmental stewardship program is education and promotion of environmental sustainability practices. Public outreach events highlight best practices and encourage people to incorporate them into their everyday lives. The following events, education and communication activities took place in 2012:



Acting as a Resource

For the third year, students from Mount Allison University (Sackville, NB) came to Jasper in the last week of August to collect data for a research project that focuses on the unique challenges of planning and environmental stewardship. Jasper offers an interesting case study as a town in a national park jointly governed by federal government and a specialized municipality. Along with Parks Canada planners Shawn Cardiff and Amber Stewart, presentations were given to the students on the town, governance, planning and environmental stewardship initiatives, as well current projects such as the Jasper Discovery Walk. Individual interviews with the students followed.

Date 2012	Event	Activity	Audience	Key message / impact
January	Environmental Committee Meeting	Monthly meeting	members of Jasper Park Lodge Environmental Committee	<ul style="list-style-type: none"> building on best best practices from campground recycling project brainstorming on recycling ideas for Sir Henry Thorton Village - staff accommodation
March 15-17	Locavore Week	Public forum, workshop	Chefs, Restaurateurs, Jasper Local Food Society	<ul style="list-style-type: none"> presentation on waste and organics collection in Jasper need for restaurants to participate in compost program food sustainability for Jasper
March 31	Earth Hour	Lights-out campaign, Dine-in-the Dark, Games Night	whole community Local Restaurants	<ul style="list-style-type: none"> raise awareness about climate change, local energy consumption encourage energy conservation
April 22	Earth Day	Take-it-Up Challenge	whole community	<ul style="list-style-type: none"> on-line challenge to make positive changes to daily habits to live in more environmentally responsible way
April 25	ATCO Electric Northern Health, Safety and Environment Meeting	Presentation	ATCO Electric Staff and management	<ul style="list-style-type: none"> presentation on environmental stewardship programming in Jasper focus on best practices for ATCO employees local events they can support and participate in local desire for green energy - possibilites for the Astoria Hydro Plant

Education and Outreach Events

Date 2012	Event	Activity	Audience	Key message / impact
June 3-9	Environment Week	Week long events	Whole community and visitors	<ul style="list-style-type: none"> • celebration of the environment • education on ways to reduce environmental footprint
June 4	Environment Week	Full Moon Hike	Registered participants	<ul style="list-style-type: none"> • appreciation of nature by moonlight • hosted by Friends of Jasper National Park
June 5	Environment Week	Transit of Venus	Drop-in spectators	<ul style="list-style-type: none"> • presented by a Parks Canada interpreter • astronomical event - education on night sky, Dark Sky Preserve status
June 6	Environment Week Clean Air Day	Wild Wacky Walking Weds.	Elementary school students	<ul style="list-style-type: none"> • promote alternative modes of transportation • climate change and air quality awareness
June 6	Environment Week	Edible Week Walk	Drop-in residents and visitors	<ul style="list-style-type: none"> • food sustainability • education about wild edibles • tour of the community gardens
June 7	Environment Week	Stewardship Day	Parks Canada and Municipality of Jasper employees	<ul style="list-style-type: none"> • garbage clean-up along major roads • special stewardship project - tree planting at Transfer Station
June 9	Environment Week	Enviro Fair: Bike Town, Ewaste Round-up, Awards	Whole community and visitors	<ul style="list-style-type: none"> • announcement of Bike Town winners - promotion of cycling • raise profile of stewardship programming; displays of local business initiatives, demonstration of biofuel • Ewaste and HHW Round-up: responsible waste disposal
July 1	Canada Day celebrations	Pancake Breakfast	Residents and visitors	<ul style="list-style-type: none"> • Zero Waste event - demonstration on how to reduce waste at a large public event
July 21	National Parks Day	Outdoor fair	Residents and visitors	<ul style="list-style-type: none"> • booth on fresh water, conservation, 'Back to the Tap' campaign
Aug 29-30	University student field trip to Jasper	Presentation, interviews	Mount Allison University - research students	<ul style="list-style-type: none"> • detailing environmental stewardship programming in Jasper • discussion of current challenges - sustainability planning
Oct 3-5	Presentation on Recycling	Alpine Senior's Centre	Local seniors and residents of the centre	<ul style="list-style-type: none"> • presentation on recycling in Jasper • local challenges
Nov 1	JNP Management Plan	Public forum	Residents	<ul style="list-style-type: none"> • discussing of green building policy for Jasper
Nov 8	SEED Gala	Info Night	Residents	<ul style="list-style-type: none"> • display on development of green building policy
Dec 6	Welcome to Jasper Night	Info Night	Staff new to Jasper	<ul style="list-style-type: none"> • booth on recycling and reuse in Jasper

Jasper Environmental Stewardship Awards

Each year, the Jasper Environmental Stewardship Advisory Committee (ESAC) recognizes environmental stewardship achievements by individuals, organizations, businesses or youth groups in Jasper. The awards recognize activities that enhance, preserve and protect the environment. Awards are given in five categories: energy conservation, waste reduction, water efficiency, environmental awareness and green design. Nominations can include any individual, organization, business or youth group from Jasper that has made a significant contribution to environmental stewardship practices. The 2012 award winners were:

Ted Drewniak in the category of Waste Reduction

Ted Drewniak, Executive Chef for Mountain Park Lodges, is committed to the waste reduction principles of reduce, reuse and recycle on both a personal and professional level. In his workplace he has been instrumental in changing corporate policy to reflect this philosophy. Ted is a solid leader in environmental stewardship for both Mountain Park Lodges and the entire community of Jasper.

Sustainable School – Parent Network in the category of Green Design

The Sustainability Network is a group of parents and community residents who had a common interest in the final sustainable design of Jasper's new high school. They wanted more than the LEED Silver standard that Alberta Infrastructure is committed to. In partnership with the Sustainability Club for Youth, their vision is that the new school be a sustainable living building – a 'building that teaches'. Members of the Sustainability Network devoted countless hours to researching sustainable design elements including solar and geothermal systems, water conservation elements, management of storm water, and incorporation of natural light, fresh air, living walls, and preferred building materials. They sought out expert advice and patiently worked to bring all the stakeholders onto one page. They met and

collaborated Alberta Infrastructure, Parks Canada, the Grande Yellowhead Public School District and the Conseil Scolaire Centre-Nord and Workun Garrick. The group is to be commended for their dedication, commitment and initiative as they worked to turn their vision of a 'living building' high school into a reality.



Jasper Sustainability Club for Youth and Adam Robb in the category of Environmental Awareness

The Jasper Sustainability Club for Youth (JSCY) is a passionate group of students with the desire to pursue a more sustainable future. Led by teacher Adam Robb at the Jasper High School, these students have spent the last several years inspiring, empowering and educating peers, politicians, parents and professionals to create a cultural shift and catalyze the change needed for a sustainable future. Adam's transformative and distinctive ideas have engaged these students in addressing the environment's most urgent issues.

The JSCY told their story about how they tried to influence the design of the new high school at the Living Future unConference in Portland, Oregon where Adam Robb was recognized internationally by receiving the living Building Hero Award. With respect to engaged youth and building awareness for sustainable initiatives, these students have put Jasper on the map. They will be environmental leaders in the future, as they are today for their peers and the community as a whole.

Environmental 2012 Services		ACTUAL	BUDGET
Stewardship			
1-44-03-00-830	EnvSer-Recy Fed. Cond Grant	(78,000)	(78,000)
1-44-03-00-593	EnvSer-Recy-Stewardship Other Revenue	(1,297)	-
1-44-03-00-920	Transfer From Restricted Funds	(19,074)	(42,000)
	Total Revenue	-98,371.42	(120,000)
2-44-03-00-110	EnvSer-Recy-Salaries	63,801	73,000
2-44-03-00-130	EnvSer-Recy-Benefits	15,661	15,695
2-44-03-00-201	EnvSer-Recy-Contracted & General Services	70	12,500
2-44-03-00-210	EnvSer-Recy-Travel & Subsistence	4,221	4,000
2-44-03-00-211	EnvSer-Recy-Postage Costs	91	500
2-44-03-00-215	EnvSer-Recy-Travel & Subsistence Committee Members	-	500
2-44-03-00-212	EnvSer-Recy-Telephone/Fax/Web/Internet Costs	34	-
2-44-03-00-214	EnvSer-Recy-Training & Development	2,084	4,000
2-44-03-00-220	EnvSer-Recy-Advertising Costs	8,374	12,000
2-44-03-00-225	EnvSer-Recy-Advertising Committee Members	-	-
2-44-03-00-230	EnvSer-Recy-Contract Toxic Round-Up	4,317	4,500
2-44-03-00-240	EnviroSer - Stewardship -Campgrd Project	-	-
2-44-03-00-252	EnvSer-Recy-Contract Mtn & Rep Computers	2,390	-
2-44-03-00-501	EnvSer-Recy-Materials, Goods & Supplies	7,732	5,000
2-44-03-00-515	EnvSer-Recy-Supplies Env Stewardship Prog	4,597	9,000
2-44-03-00-516	EnvSer-Recy-Supplies Environment Week	2,841	4,000
2-44-03-00-525	EnvSer-Recy-Supplies Committe Member Programs	900	1,250
2-44-03-00-540	EnvSer-Utilities	-	2,000
2-44-03-00-762	EnvSer-Transfer to Restricted Funds	-	2,106
2-44-03-00-910	EnvSer-Recy-Rebate Solar Hot Water Heater	500	500
2-44-03-00-962	EnvSer-Recy-Reallocation of Enviro Bldg Expenses	4,167	3,225
2-44-03-00-964	EnvSer-Recy-Reallocation of Enviro Bldg Utilities	2,593	2,224
2-44-04-00-201	ReUse It Center -Contracted Services	47,827	40,000
2-44-04-00-501	ReUse It Center - Materials and Goods	4,173	2,000
	Total Expenses	176,371.42	198,000
		176,371	
	Net expenditure	78,000	78,000
	Revenue Summary	(98,371)	(120,000)
	Expenses Summary	176,371	198,000
	Net operating expenditure	78,000	78,000

Professional Development

- ◆ Community Action on Climate Change: A Forum for Alberta Municipal and Community Leaders, Edmonton, Sept. 24, 2012
- ◆ Trash to Treasure: Alberta Municipalities unlocking their Bio-Energy Potential, Edmonton, Sept. 25, 2012
- ◆ National Canada Green Building Council (CaGBC) Conference: Beyond Buildings – The Green City Toronto, June 2012
- ◆ 2012 Recycling Council of Alberta (RCA): Wide World of Waste Jasper, Oct. 3-5, 2012
Gave a tour of Jasper featuring waste management and recycling operations. ESAC members Sandy Cox and Bhuwan Devkota also attended the conference.
- ◆ Green Economics Part 1: The Business Case for Breen Buildings CaGBC Online course/webinars, April 2012

