

Project Descriptions 2006

Metro Projects

Location: St. John's and Kelligrews area

Proponent: Northeast Avalon Atlantic Coastal Action Program

Project: River Ranger Project

Team: Meghan Harding (Leader), Boyd Abbott, Dan Myers, and Shalane Spurrell

The **Northeast Avalon ACAP** Green Team's summer began with a lesson in water quality sampling from Dan Ficken, the Water Quality Specialist for ACAP. The Team accompanied him on water sampling trips throughout the Kelligrews River system, which includes Nut Brook and the Kelligrews River, to test for numerous substances including microbes, nutrients, metals and solids. ACAP felt it was important to test the water in these rivers because of potential contamination from the various facilities located on Incinerator Road. The Waterford River was another area where the ACAP Green Team completed water quality monitoring. This river has a high level of both vehicle and pedestrian traffic so garbage is often an issue. The Team removed any debris and tested the water for pollutants. In addition to water quality testing, the Green Team also facilitated two clean ups, Freshwater Bay Beach and the East Coast Trail. The Team worked very hard to remove a number of fire pits located along the trail as well as debris and excess brush. The beach cleanup was very successful with volunteers coming from a number of different interested organizations. Another section of the Northeast Avalon ACAP project was a partnership with the River Ranger program. River Rangers are trained early in the season to conduct river monitoring throughout the summer months. There is a continuing partnership between the Green Team and The Rangers in order to complete the vast amount of testing to be done.



Location: St. John's

Proponent: City of St. John's

Corporate Sponsor: City of St. John's

Project: Idle Free St. John's

Team: Kathy Moulton (Leader), Jacqueline Smith, Rick Kelly, and Sanjay Kamra



The St. John's Anti-Idle Green Team focused on motivating and informing the public about the harmful effects of vehicle idling. They conducted baseline data collection at approximately 15 different sites across the City and studied how long each vehicle would idle at these different locations. Once data collection once complete, the Team conducted interventions in which they would speak to motorists and explain the harmful effects of idling on their health, the environment, and their wallet. The Team developed an information package, which included a decal for the car's window, brochures and pamphlet outlining the benefits of being idle-free. The decal was a symbol of the public's commitment to turn off their vehicle when parked for more than

10 seconds. The campaign was concluded by collecting post-intervention data, preparing a final report, manipulating data and doing a statistical analysis. During the campaign, the Green Team did a number of Environmental Awareness Days. Through a process of informal education Members informed a large number of participants about how they can save endangered species and the environment.

Location: Yellow Marsh

Proponent: City of St. John's

Project: Wetland Protection Project

Team: Kieran Miller (Leader), Mara Pellerin, Brian Woodford, and Katie Fitzpatrick

The Wetlands Protection Green Team conducted a wetland flora and fauna inventory of the species inhabiting Yellow Marsh - a wetland area located off Kenmount Road in St. John's. They also collected data on other marsh properties to be used in the determination of educational potential, human impacts, and surrounding land usage. With this information, they prepared a report for distribution to surrounding residents and businesses. Another component of their project was an educational campaign about wetland protection and conservation. This was accomplished through the Environmental Awareness Days, Species at Risk workshops and the performance of a puppet play at children's camps. In addition to children's camps and recreation programs, the Team participated in a number of local festivals through out the summer.



Location: St. John's and surrounding areas

Proponent: Protected Areas Association of Newfoundland and Labrador

Project: Environmental Theatre Project

Team: David Whitten (Leader), Patrick Torraville, Mandy Montrose, and Sylina Jones



The Protected Areas Association Green Team participated in all aspects of the creation of an environmentally themed play for youth throughout St. John's and the surrounding areas. This included set and costume development, script writing, and performance. The purpose of this project was to creatively educate young people about endangered species and spaces in Newfoundland and Labrador. In addition, the 35 min play promoted the need to create protected areas such as parks and reserves to conserve these natural resources. Everyone in attendance, adults and children, enjoyed learning about protected areas and species at risk in a humorous and interesting way. The project and the Team were a huge success and reached over 1000 children throughout the summer at countless venues.

Location: Rennie's River, Quidi Vidi and its tributaries

Proponent: Quidi Vidi/Rennie's River Development Foundation

Project: Water and Culture – Think Globally, Act Locally

Team: Natalie Holden (Team Leader), Sarah Best, Laura Halfyard, and Darren Ryan

The Quidi Vidi/Rennie's River Development Foundation

Green Team conducted a chemical, physical, and biological assessment of Rennie's River, Quidi Vidi, as well as some of the tributary river systems in the watershed. Each day the Team headed out on the river and conducted tests at sixty-meter intervals. They measured a number of things including width, depth, velocity, turbidity (clearness of the water), air and water temperatures, dissolved oxygen, dissolved carbon dioxide, phosphates, nitrates, and pH. In addition, they took samples of the river water and tested it for fecal coliform (bacterial waste). After testing the water, the Team recorded vegetation in the area and conducted insect sweeps. All these indicators are important because they are indicative of river health. At the end of the summer, the Team compiled all collected data and designed an exhibit for the Fluvarium. The exhibit addresses the health of Rennie's River and includes a display of photos and interesting facts. The Team also set up an exhibition booth at the Rennie's River Rubber Duck Race, which promoted the QVRR development Foundation, the Conservation Corps and the project mandate.



Avalon Projects

Location: Bay Roberts - Shearstown Estuary

Proponent: The Town of Bay Robert's Green Committee

Project: Shearstown Estuary Cleanup and Habitat Construction and Enhancement Project

Team: Hayward Butler (Team Leader), Brandon Dawson, Ryan Dunphy, and Amelia White

The Town of Bay Robert's Green Committee Green Team worked to enhance the Shearstown Estuary, specifically the area surrounding Arnie's Pond. This was accomplished through the clearing of rocks and debris, spreading topsoil and assisting with the addition of grass seed, flowerbeds, benches and archways. In addition to their work on the Estuary, the Team conducted Environmental Awareness Days, where they taught local children about Species at Risk in Newfoundland and Labrador and handed out coloring books, which they designed and created themselves based on plants and animals found in the Estuary. The Team also planned and promoted a community beach clean up at Arnie's Pond, which was a big success. Throughout the summer, the Team gathered information and took pictures of various birds and plant species found in the Estuary for use in the creation of educational signage, and wrote a children's song about Species at Risk. The Team also assisted in the planning and installation of an Osprey nesting platform within the Estuary. The work they completed throughout the summer was capped off with the official launch of the Arnie's Pond Enviro Park on August 25th.

Location: Conception Bay South – Topsail Beach, Manuals River, Kelligrews River

Proponent: C.B.S. Parks Commission

Project: Habitat and Trail Restoration

Team: Rochelle Nugent (Leader), Chance Amero, Stephanie Hanlon, and Jamie Hardy

The C.B.S. Parks Commission Green Team project involved work with three different proponents; the Topsail Beach Rotary Club, the Manuals River Natural Heritage Society and the Kelligrews Ecological Enhancement Project (KEEP). Throughout the summer, the Green Team focused on trail development, enhancement and clean up. In addition to their trail work, the Team worked with KEEP to plan the Fifth Annual Kelligrews Railway Festival held on August 20th. At the Festival, the Team set up a booth for the weekend and provided fun environmental activities for attending children. Through their Environmental Awareness Days, the Team educated children at a number of local day camps and recreation programs on Species at Risk in Newfoundland and Labrador.



Location: Come by Chance

Proponent: The Town of Come by Chance

Project: Bird Estuary Cleanup, Enhancement and Promotion

Team: Natasha Walsh (Leader), Sara Brinston, Travis Rodway, and Brittney Emberly



The Town of Come by Chance Green Team worked within the larger context of the Town of Come by Chance Habitat Management Plan. This involved trail development through brush cutting, removal of rocks and dead plant material, leveling of the ground and spreading crushed stone. The Team's work also included brush cutting and debris removal in preparation for the construction of a bird watching platform. In addition, the Team performed clean-ups along the trail and within the bird sanctuary and organized a community clean-up day. Part 2 of the project involved planning, promoting and facilitating a bird watching event in the Come By

Chance Estuary, which took place on August 26th. The Team also conducted a number of Environmental Awareness Days, including one where the children learned about bird species found in the Estuary painted birdhouses for use in their own backyards.

Location: Mount Pearl

Proponent: Grand Concourse Authority

Project: Urban Naturalization and Tree Rescue Initiative Phase II

Team: Sarah Woodman (Leader), Lisa Saunders, Brittany Myers, and Suzanne Buchanan



The Grand Concourse Authority Green Team focussed on the naturalization of Little Powers Pond and the area surrounding the Mount Pearl Track and Field Complex. The Team planted trees, which had been rescued from the Smallwood Drive area in Mount Pearl. In addition, the Team collected plants such as Fir and Northern Wild Raisin from the Bidgood's Park Development, which would have otherwise been destroyed, and used them for propagation. The Team's work along the Power's Pond Trail and near the Track and Field Complex involved planting trees and shrubs and caring for these plants and shrubs by fertilizing, watering and pruning them.

Location: Paradise: Elizabeth Park area

Proponent: The Town of Paradise

Project: Trail Development and Storm Drain Education Program

Team: Ashley Collins (Leader), Greg Ball, Nicole Collins, and Haley Lambert

The Town of Paradise Green Team developed a trail in the Elizabeth Park subdivision of Paradise and promoted storm drain awareness throughout the community. The Team's work on the trail consisted of removing rocks and debris, laying gravel and laying pea gravel. As the summer continued, the Team expanded the project by adding top soil around the trail, planting grass seeds, placing garbage cans, planting trees and removing garbage and debris from the stream located along the



trail. In addition to trail development, the Team focused on storm drain education, which involved painting blue fish on storm drains around the entire Town, distributing information on storm drain systems, and educating the public with Environmental Awareness Days. The Team completed two brochures, one on storm drains and the other on water conservation, which were handed out to the public and posted on the Town of Paradise web site. The Team also conducted three Environmental Awareness Days at local day camps, where they taught children about Species at Risk in Newfoundland and Labrador.

Central Projects

Location: Marine Drive Waterfront, Clarenville

Proponent: Town of Clarenville

Project: Marine Park Development – Green Space

Team: Jennifer Strowbridge (Leader), James Crocker, Alicia Warren, and Andrew Farrell



The Town of Clarenville Waterfront Green Team, working in conjunction with the department of Public-Works, constructed Phase One of a multi-phased project on the Marine Drive Waterfront. Their work included clearing the site for construction, as well as actual construction of a day park, complete with bench seating, stone walkway, planter boxes, as well as numerous farmer's market stalls. The team also researched and planted native species of flora around the site, painted dories and researched the history of the project site by

interviewing a community member who has lived in the area for many years. The goal of this project was to help revive this once beautiful part of town, as well as to grant citizens and tourists alike, access to fresh, locally grown produce in a safe environment, hopefully, providing an economic boost to small businesses within the community and surrounding areas. Future project phases will continue the development of the waterfront, including a beachside walking trail.

Location: Town of Fogo

Proponent: The Town of Fogo

Project: Marconi Wireless Relay Station Site Enhancement Project

Team: Niki Gill (Leader), Michelle Payne, Matthew Sibley, and Jason Wade



The Town of Fogo Green Team worked to enhance the Marconi Wireless Relay Station Site to make it more visitor friendly. The Team clearing brush from the old road leading to the site, which included cutting alders and pulling up roots that made the road dangerous for walking. The Team lined the cleared area with large rocks to make the trail easy to see. After working on the trail, the Team began clearing the actual Station Site of brush and debris. Once all the brush was removed, the Team leveled areas of the site using stone, filled in the many holes left by

removed roots and laid crushed stone on the site. These activities were necessary in order to make the site easier to access and more esthetically pleasing. In addition to work on the site, the Team was given the task of creating signage. The signs were created to indicate locations and functions of various buildings and structures that once existed on the site.

Location: Glovertown

Proponent: Freshwater - Alexander Bay Ecosystem Corporation

Project: North West Brook Habitat Restoration Project

Team: Crystal Rose (Leader), Shane Frost, Trevor Reid, and Brittany Murphy

The Freshwater / Alexander Bay Ecosystem

Corporation Green Team spent the summer removing blockages along North West Brook and its tributaries in order to allow easy migration of trout and salmon to spawning areas upstream. Before work began, the Team received training in safe removal of blockages to ensure the habitat would not be affected in a negative way. Survey work was then conducted along the North West Brook and its tributaries. Blockages were documented with photographs and written descriptions of the locations. These blockages, which included abandoned beaver dams, fallen trees, garbage and other debris, were then removed, clearing the path for migration from salt water (Northwest Arm) to the freshwater ponds and pools along the brook.



Location: Grand Falls- Windsor

Proponent: Corduroy Brook Trail Association

Project: Corduroy Brook wetland research Project

Team: Amanda Power (Leader), Kenneth Brain, Stacey Lee Ings, and Russell Primmer



The Corduroy Brook Trail Association Green Team was dedicated to finding wildlife within the Corduroy Brook Trails and compiling information into an inventory, which could then be used for brochures and other resource material. In addition, this information will be used to show organizations involved with the trail and the project the importance of the conservation of wetlands. The Team received training from the proponent about the existing trail system, history of the trail and the type of protection necessary to preserve the trail and surrounding wetlands.

In addition to this more general training, the Team also had a training session in GPS tracking systems in order to plot wildlife activity and nesting sites. Along with plotting and recording, the Team cleared old beaver dams, which were obstructing the streams around the Corduroy Brook Trail system and completed other minor maintenance on the trails such as brush and debris removal. Combined with trail and stream work, the Team conducted weekly Environmental Awareness Days with the Corduroy Brook Nature Camps, which are designed to educate children about species at risk in Newfoundland and Labrador.

Location: Tilting

Proponent: Town of Tilting

Project: Tilting Heritage Conservation Project

Team: Jillian Greene (Leader), Shawn Burke, Ross Dwyer, and Amanda Foley

The Tilting Green Team was dedicated to restoration of a number of sites that have historic significance in the Town of Tilting. These sites include Turpin's Trail and the Old Irish cemetery. Before work began on the trail, the Team completed a beach cleanup along the many coves in the community. The cleanup was a huge success with a number of strange items being removed from the water and shore including a recliner, DVD player, hangers, and various other items. Upon completion of the beach cleanup, the Team began work on Turpin's Trail. Work on the trail included removal of garbage and other debris, removal of brush and alders, and laying, raking and leveling crushed stone.



In addition to grading the trail itself, the Tilting Team completed the construction of bridges and culverts along the trail, which will make it easier to walk while still allowing for water drainage. Work in the Old Irish Cemetery, which is the oldest catholic cemetery in North America, included minor maintenance duties, such as clearing grass from the head stones and removing any debris.

Western Projects & Happy Valley – Goose Bay

Location: Baie Verte

Proponent: Town of Baie Verte

Project: Blagdon Trail and Community Garden Enhancement

Team: Richard Bradley (Leader), Justin Hurley, Jackie O'Driscoll, and Kyle Hennebury



The Baie Verte Green Team worked on the restoration and enhancement of the Sam Blagdon Memorial Walking Trail. The Team removed a large portion of the boardwalk and replaced it with a crushed stone path. This turned out to be much more aesthetically pleasing and also more comfortable to walk and jog on. The Team then cleared the boardwalk of all broken boards and replaced them with new lumber. In addition to working on the boardwalk, the Team cut brush along the edge of the trail so that they weren't hanging in the way of walkers. Another component of the Baie Verte project was the enhancement of a local community garden. This involved debris removal and weeding around the many flowers and bushes. This project also engaged in community education, which involved the development of a brochure to highlight the many advantages of a community garden and the Blagdon Memorial Trail.

Location: Corner Brook

Proponent: Dunfield Park Community Centre

Project: Capturing our Community

Team: Kim Olsen (Leader), Scott Kennedy, Jordan Gardner, and Scott Stewart

The goals of **Dunfield Park Community Centre Green Team** project were to give youth in the community employment directed towards making the atmosphere where they live a more safe and enjoyable place. In addition it focused on community education and involvement to help create a long lasting project by having the community develop a sense of ownership over what was happening. Beginning with painting a large, outdoor mural, the Green Team went on to dig community flower gardens, conduct a variety of clean-ups, paint the doors on the Community Centre, Youth Centre and shed, develop a system of benches overlooking the basketball court and playground area, facilitated six Educational Awareness Days, pruned trails in the Dunfield Park community and repaired a trail system which had been developed by Green Teams in past years.



Location: Cormack

Proponent: Town of Cormack

Project: Cultural Heritage Development

Team: Laura McPherson (Leader), Joseph Hayes, Jayne Chaulk, and Matt Robbins



The **Town of Cormack** Green Team was responsible for the collection of local artifacts, stories and general information related to the unique history of the town. The Team conducted interviews with residents in search of any stories and/or artifacts that could be put on display in the new Cormack Heritage Museum, which will be built in the Fall of 2006. Another focus of the Team was environmental awareness and cleanup throughout the town. These duties included finding and documenting vehicle wrecks for removal, water quality testing of local streams and brooks, and the scouting of areas for possible walking trails. The Team also held six Environmental Awareness Day presentations. Four of these presentations focused on species at risk in Newfoundland and Labrador, one on the cultural aspect of the project, and the other a general summery of the project. All the information and stories have been documented in the Green Team's Cultural Heritage Development Booklet, which will be available in the museum once it is completed.

Location: Happy Valley - Goose Bay

Proponent: Futures in Newfoundland and Labrador's Youth! (FINALY!)

Project: Wild-Craft Development Workshop

Team: Melissa Williams (Leader), Bahiyiyh Tretina, Kelly Hopkins, and Logan Angiers



The **FINALY!** Green Team main focus was on the planning and organization of a Wild Craft Conference for local youth. The conference focused on providing youth with training in traditional Labrador, wild crafting, mainly caribou tufting. The Team organized speakers to deliver presentations on a number of different topics. These topics included how to do caribou tufting, how to market crafts in general, how to start a small business and how to use traditional arts as a means of making a living. This was accomplished by having speakers from different community initiatives. For example, a speaker from the Labrador Craft Agency spoke on the pros and cons of

owning a craft business. The Team also concentrated on educating the public, especially local residents, about wild crafting and the importance of preserving this disappearing art form. This education was accomplished through Environmental Awareness Days and engaging the public in a variety of venues.

Location: South Brook / Kona Beach Campground

Proponent: Green Bay Waste Authority

Project: Sustainable Campground Pilot Project

Team: Vanessa Croucher (Leader), Peter Matthews, Larissa Budgell, and Kayla Moulard-Roberts

The **Kona Beach** Green Team worked to raise awareness and educate campground users on the importance of composting and recycling within the campground. In order to accomplish this, the Team went from campsite to campsite talking to visitors about their project. They also collected garbage, compost and recyclables from each campsite and recorded the amount and weight of each bag. By the end of the summer, the campground had 50% less garbage than before the Team started. This is an amazing diversion rate. In addition, the Team developed information material including brochures, pamphlets, and signage. The Team participated in a number of EAD's in surrounding communities to raise awareness about species at risk as well as the importance of waste management. The proponent hopes to use data collected by the Team to help implement other Sustainable Campground projects around the province.



Northern Peninsula & Southern Labrador

Location: Cartwright, Labrador

Proponent: Intervale Associates, Eagle River Development Association, Southeast Aurora Development Corporation

Corporate Sponsor: Newfoundland and Labrador Hydro

Project: Peat lands: Conservation, Restoration and Wise Use

Team: Roman Keefe (Leader), LeeAnn Toomashie and Pansy Pardy

The **Cartwright** Green Team took part in an experimental peat moss transfer along the Trans-Labrador Highway. The Team received in-depth training from a botanist as well as continued support from a biology intern on the transfer of peat moss from donor sites to designated experimental sites. This project aimed to complement an earlier project in peat moss transfer that began in Mary's Harbour in 2004. In addition, the Team has developed, created and placed signage around the town outlining and explaining the work completed. Part Two of this project was the creation of a community garden. The Team completed their summer by handing the community garden over to local residents to be enjoyed by everyone.



Location: Forteau, Labrador

Proponent: Southern Labrador Development Association, Forteau Community Council

Corporate Sponsor: Newfoundland and Labrador Hydro

Project: Habitat Survey / River and Beach Development and Restoration

Team: Jenna Elson (Leader), Neico Hancock, Tanya Butt, and Shawna Layden



The Forteau Green Team spent most of their summer knee deep in a number of local brooks and rivers. Before work began, the Team received training in testing methods from a Department of Fisheries and Oceans employee. They were responsible for completing water quality testing, which involved water temperature, flow speed, silt levels, as well as a flora and fauna inventory. In addition to testing, the Team involved the whole town in a community wide river clean up. Not only did the Team work in the river, they improved the local trail system through debris removal, boardwalk construction and brush cutting. The public education component of the project was accomplished through public notices and conducting the Environmental Awareness Day workshop for the public. The Team ended their summer with participation in the Forteau Come Home Year celebration where they distributed information about their project as well as other environmental information.

Location: L'Anse aux Meadows

Proponent: Norstead Inc.

Project: Norstead Environmental Education Project

Team: Sarah Bussey (Leader), Justin Hillier, Chelsea Loder, and Carla Hedderson

The L'Anse Aux Meadows Green Team was responsible for the interpretation of Viking culture within the historic site of Norstead, located on the very tip of the Northern Peninsula. Assisted by the permanent staff of Norstead, the Team worked as interpreters, displaying to visitors the way of life of the Viking, who lived in Newfoundland over 1000 years ago. In addition, the Team participated in animal husbandry, care of farm animals and planted an organic garden. The Team researched the garden and planted only plants, which would have been available to the Vikings. For the last 2 weeks of August, the Team shifted project sites and began compiling data through a flora and fauna inventory and small beach audit. The Team also created a plant press, which will get continued use after the Team has finished.



Location: Port au Choix

Proponent: Limestone Barrens Habitat Stewardship Program, Newfoundland and Labrador Legacy Trust

Project: Fernald's Flower – Stewardship Program on the Limestone Barrens

Team: Sheri O'Keefe (Leader), Krista Reid, Lindsey Payne, and Breannah Tulk



The Conservation Corps and the **Limestone Barrens Habitat Stewardship Project** have partnered on a Green Team for the last number of years. Past projects have focused on working directly with the flora of the barrens. However, this year's project worked to achieve the important goal of community education about the Barrens and the rare flora that thrive there. Through various Environmental Awareness Days, a Limestone Barrens puppet show which was written and performed by the Team, the Miss Limestone Barrens Pageant, and a Dirt Bike Rally, which

informed participants about the harmful effect of motorized vehicle in the Barrens, the Team achieved this goal. In addition to education, the Team worked to enhance a local trail system through the laying of gravel and boardwalk construction.

Location: Plum Point

Proponent: St. Barbe Development Association

Project: Integrated Coastal Zone Management Awareness

Team: Natasha Rose (Leader), Zachary Dredge, Brada Hughes, and Sarah Pittman

The **St. Barbe Development Association** Green Team worked to improve education and raise awareness surrounding Coastal Zone Management. The Team produced a large number of resources including brochures, flyers, information sheets and pamphlets. In addition, the Team received training from Department of Fisheries and Oceans employees on how to do a beach audit. This audit will be used by the Department to gauge how much human activity is occurring on coasts in the region. The Team furthered their education component by presenting to seniors and children alike around the community and in surrounding areas. They spoke about responsible use of coastlines at all major festivals in the area through out the summer.

