

Project Descriptions 2005

Metro Projects

Location: St. John's

Proponent: City of St. John's

Project: Wetland Stewardship Program for Urban Areas

Team: Kate Scarth (Leader), Brad Gallant, Charlotte Morgan, Dave Whitten



The Wetland Stewardship Green Team worked to bring education and communication together to promote the importance of wetlands and wetland protection within the City of St. John's. The team took several approaches to engage the public and industry in wetland stewardship. Lundrigan's Marsh, off Torbay Road, was used as a tool to communicate the importance of the 23 significant wetlands in the metropolitan area. The team prepared information packages which were brought to the businesses which border the marsh, in an effort to improve understanding of wetlands, and encourage businesses to take steps to avoid damage and pollution to the area. Signs were designed and installed

which indicate the buffer zones around the marsh, and to remind the public of its ecological sensitivity. The team developed a unique photographic poster about Lundrigan's Marsh, with a corresponding information sheet, to make wetland protection initiatives visible and accessible to the public. A website was also created which details significant wetlands in the city, their compositions, ecological importance, and environmental benefit to the surrounding ecosystem. In order to reach children of many ages, the team also developed a wetlands presentation and puppet show featuring a cast of characters including the 'Wetland Wizard frog'. This production was enjoyed by 380 children in different venues all throughout the summer.

Location: St. John's

Proponent: St. John's Harbour ACAP

Project: Natural Stewardship Project

Team: Justin Dearing (Leader) Jenny Hurley, Melissa Molloy, Matt Serrick



The St. John's Harbour ACAP Green Team worked to increase our knowledge of local watersheds including sources of non-source point pollution. The team was trained in water quality sampling and testing techniques, and sampled Nut Brook, Waterford River, and Oxen Pond- all highly impacted streams within the St. John's City Limits. These sites were revisited and sampled throughout the summer. Visual surveys were completed for other rivers, to assess sources of pollution and required remediation work. A complete walk of the East Coast Trail system was performed to look for fire pits and trail condition. All fire pits were removed, and restored to a natural

state. Parts of the trail system were also revisited throughout the summer. The team organized and participated in cleanups of the 'Plastic Forest' around Robin Hood Bay. Also, a beach cleanup of Freshwater Bay was undertaken in conjunction with OceanNet. The team did follow-up work on a past effort to get people to use rainwater collectors for household watering purposes. This involved phone calls and survey work.

Location: St. John's

Proponent: Newfoundland and Labrador Environment Network

Project: Environment and Conservation Communication Team

Team: Matt Carpenter (Leader), Neil Conway, Alanna Felt, Peter Harbin



The Environment and Conservation Communication Team used various media, with primary focus on community radio, to educate the public about environment, conservation, cultural and youth issues. The team received training on CHMR history and facilities, how to conduct and record interviews, radio production, and media training. The main focus of their work was developing and delivering six one-hour live radio shows for 'Bridges and Branches' radio show on CHMR FM, as well as 12 pre-recorded shows to be aired in the fall. Each show focused on a specific topic or issue as it pertains to our province- such as vegetarianism, eco-

tourism, protected areas, waste management, etc. These shows included information, public service

announcements, interviews with pertinent groups or individuals, music, comedy, and skits involving the characters of the 'Climate Change Club' of the Conservation Corps Newfoundland and Labrador. Articles were written on some of the topics covered in the shows, to be added to the NLEN website so that the information is readily accessible. This project provided a broad community and regional support system for environmental and cultural groups in the province, and helped to educate the public about what they can do as individuals to live more sustainable lifestyles.

Location: St. John`s

Proponent: Parks Canada and the Historic Sites Association of NFLD & Lab

Project: Signal Hill Maintenance and Environmental Awareness Project

Team: Rebecca Robertson (Leader), Alan Geehan, Derek Simpson, Racquel Wells



The Signal Hill Maintenance and Environmental Awareness Team

began their summer with a garbage cleanup of both Signal Hill and Cape Spear. Next, the team made improvements to some of the existing trails on Signal Hill- pruning, and removing debris. Other maintenance duties involved the removal of weeds and grass from various areas on the site, including the Queen`s Battery, main parking lot, and around Cabot Tower, and painting fences, and other restoration duties. The team also surveyed some of the people using Signal Hill facilities to find information on who is using the trails, any noticeable areas of litter, and their feelings on starting a recycling

program on the site. The team researched and developed a recycling program that can be implemented at Signal Hill, which included logistics, recommendation of bin placement, necessary communication, and the development of signage. This information was crucial to the proposal of a public awareness campaign on the 3 R`s, reduce, reuse, and recycle.

Location: St. John`s

Proponent: Grand Concourse Authority

Project: Naturalizing our Urban Communities

Team: Mark Kennedy (Leader), Stephanie Atkinson, Mark Hynes, Jenny Martin

The Grand Concourse Authority Team performed a variety of different duties throughout the summer. The team visited several sites along the GCA network to identify and record all the species of plants that are growing on these sites. They conducted inventories and quality assessments on all the trees and shrubs, with particular attention to those planted last year to determine the level of success. The team also built a permanent greenhouse at the GCA headquarters which they used in plant propagation. Renies River trail was stabilized by the installation of a variety of trees, shrubs, and propagated plants. The team planted trees, shrubs, and seedlings in many locations throughout



the city. Watering these plants was also part of their duties- especially important for a warm, dry summer. The team also identified, marked and developed new natural areas, by creating 'no-mow' areas. This practice is part of the GCA`s 'Greenspots' initiative to enhance urban green space to provide more effective wildlife corridors and carbon sinks, as well as to reduce Greenhouse gas emissions from lawnmowers. Each time a new area was identified, the team distributed information and materials to nearby homeowners and those individuals using the trails.

Avalon Projects

Location: Petty Harbour – Maddox Cove

Proponent: Town of Petty Harbour – Maddox Cove

Project: Maddox Cove Trail Restoration

Team: Julie Weir (Leader), Adam Whitten, Sammie Stack, Michael Hutchings

The Petty Harbour – Maddox Cove Green Team worked to restore the Maddox Cove Walking Trail. The team undertook a restorative process that included building walkways, bridges, stairways and other necessary structures to improve the conditions of the walking trail. The team made every effort to keep the trail natural by using materials collected from the local area. During the latter part of the project, the Green Team produced a newsletter to be distributed to all residents of Petty Harbour – Maddox Cove. The newsletter included a variety of community interest stories and highlighted the work that happened in the area over the spring and summer months. The team also participated in several Environmental Awareness Days educating the public about climate change and the need for increased energy conservation.



Location: Torbay

Proponent: Torbay Environment and Trails Committee – Gully Project

Project: Torbay's Gully Project One Tonne Challenge and Wetland Community Initiative

Team: Adam Squibb (Leader), Justin Dunphy, Justin Hickey, Rebecca Smyth



The Torbay Green Team spent the summer working to preserve the wetland system that exists within Torbay and raising community awareness about the Gully. The team planted trees around the Gully to stabilize the surrounding bank and to serve as a litter barrier. The team followed a daily water monitoring and testing routine throughout the summer, assessing the water quality at five different sites within the community. In addition to reed pulling and a general clean-up of the gully, the team developed a plant press to be used as an educational tool within the community.

The Torbay Green Team was involved with numerous public education events in which they raised awareness of the wetland and the need to preserve the delicate ecosystem. The team also assisted with the implementation of a community-wide challenge to encourage local residents to reduce their personal greenhouse gases.

Location: Portugal Cove – St. Philip's

Proponent: Town of Portugal Cove – St. Philip's

Project: Community Environmental Awareness and Enhancement Program

Team: Leigh Ann Butler (Leader), Courtney Barbour, Neil Clarke, Amanda Langille



The project for the **Portugal Cove – St. Philip's Green Team** was divided into three main components. Initially the team developed a plan for a natural walking trail within the Voisey's Brook Park area in Portugal Cove and identified unique flora and fauna in the immediate area. The team recommended the best possible route for the trail and suggested locations for various kiosks along the walking trail. The second component of the project involved the development and implementation of an Adopt-A-Spot initiative for the community. The Green Team conducted extensive research on similar initiatives and developed a customized Adopt-A-Spot proposal for the town.

Finally, the team participated in weekly Environmental Education Sessions with the Summer Recreation Program. The Green Team organized and delivered several presentations to the youth at the Recreation Camp on several important environmental issues.

Location: Paradise

Proponent: Town of Paradise

Project: Waterford River Rehabilitation/Octagon Pond Trail Stabilization

Team: Candy Weir (Leader), Edmund Stapleton, Holly Reese and Sabrina Penney



The Paradise Green Team spent their summer working on several initiatives including river rehabilitation and bank/trail stabilization. The Waterford River Rehabilitation component of the project consisted of the removal of garbage and debris in and around the River and the stabilization of the surrounding riverbanks. The team spent several weeks working on trail development around Octagon Pond. The team transplanted vegetation from an abandoned site in Mount Pearl to the banks of Octagon Pond to assist with the stabilization process. In all, the team completed upwards of 100 metres of bank stabilization along the Pond and planted new vegetation around the outer edge of the trail. The Green Team also raised public

awareness of climate change at various community events and educated trail users on the benefits of their project.

Location: The Town of Conception Bay South

Proponent: Kelligrews Ecological Enhancement Program/Town of CBS

Project: Kelligrews River Habitat Restoration Project

Team: Hope Bennett (Team Leader), Thom McGrath, Christine Bussey, Jackie Morgan



The Conception Bay South Green Team spent the summer working to revitalize the Kelligrews River and creating awareness of the River's ecology and importance to the Conception Bay South area. The team constructed two large silt fences along the perimeter of the river, preventing excessive amounts of silt and debris from entering the water ecosystem. Additional remediation activities completed by the team included the construction of walkways, bank stabilization, the transplantation of vegetation along a silt-created sand bar and fish habitat enhancement. The team developed an extensive guide to the flora of Kelligrews and educated

local residents about the work being completed by the Kelligrews Ecological Enhancement Program. Finally, the Green Team organized numerous environmental activities for the children of the Conception Bay South area.

Central Projects

Location: Coast of Bays Region

Proponent: Coast of Bays Corporation/ Newfoundland and Labrador Hydro

Project: Coast of Bays Arts and Exploration Centre Project

Team: Patricia Perry (Team Leader), Ashley Foss, Richard Mullins, Pamela Younge



The **Coast of Bays Arts and Exploration Centre Green Team** cleaned up an old car pit that was in the area of the Arts and Exploration Centre. They left one vehicle on the car pit site and used this to help demonstrate the regenerative process that is occurring there. The team designed interpretive panels to describe the process of regeneration at the site by first, conducting their own research to describe the natural breakdown process of the different materials in the vehicle and how the vehicle's elements corrode and return back to the earth. These panels will eventually be installed along the trail way to help educate tourists and community members alike

about the regeneration process. The team conducted a micro-inventory of the pond ecosystem (Nickly's Pond) that surrounds the buffer area around the Arts and Exploration Centre and provided tours along the trail way that was constructed in the area to highlight the plants, animals, history and culture of the area. The Green Team used a GPS device to map the trail way and developed pamphlets to promote the Arts and Exploration Centre and its Nature Trail to the public.

Newfoundland and Labrador Hydro was the corporate sponsor for the Coast of Bays Corporation Green Team.

Location: Grand Falls-Windsor

Proponent: Corduroy Brook Enhancement Association

Project: Corduroy Brook Wetland Enhancement Project

Team: Scott Pike (Team Leader), Jill Anderson, Daniel Evans, David Hanlon

The Corduroy Brook Enhancement Association Green Team

focused on conducting a wetland and waterfowl research project in the Corduroy Brook Wetland. The Team was involved in completing a waterfowl identification inventory and mapping waterfowl nesting boxes in the Corduroy Brook area using GPS locations. For this task, the team was trained to use GPS equipment. The Green Team also completed a mammal and bird inventory, a vegetation inventory and, a GPS location mapping of beaver lodges and dams in and around the Corduroy Brook. The Green Team assessed where a 'beaver baffle' should be placed based on their beaver sightings throughout the summer. They took part in conducting Environmental Awareness Days at the Corduroy Brook Nature Camp once per week to help to educate local youth about climate change and energy conservation methods.



Location: Terra Nova National Park

Proponent: Heritage Foundation for Terra Nova National Park

Project: Terra Nova National Park Composting Project

Team: Ashley Blackwood (Team Leader), Danielle DuChene, Marc Hamel, Cayla Turner



The **Heritage Foundation of Terra Nova National Park Green Team** was involved in a composting project. For their project, they received training from the Terra Nova National Park and from Terry McNeil, the Climate Change Coordinator. The Green Team participated in a composting pick-up program with the campers and completed daily quality control checks at various composting and recycling depot points in the Terra Nova National Park. The Green Team participated in 'roving' where they travelled from campsite to campsite sharing messages from the Terra Nova National Park to its campers. The Team participated in the Eco-Business program and aided the Park with various

activities, for example, Park's Day and Community Day. In addition to this, the team held several Environmental Awareness Days where they helped to educate the public about climate change and energy conservation.

Location: Trinity and area

Proponent: Bonaventure-English Harbour Development Association

Project: Keeping our Past Alive

Team: Fallon Walters (Team Leader), Crystal Butler, Stephanie Smith, Nicholas Stead

The **Bonaventure-English Harbour Development Association Green Team** was involved in the development and implementation of cultural workshops and camps in the Trinity area. The Team was trained in the art of mat hooking and then organized and helped to facilitate mat hooking workshops for community members and tourists. The Green Team designed and hooked a mat throughout the summer which had their project name “Keeping the Past Alive” and a traditional Newfoundland scene on it. The Team also assisted in the development of educational day camps, targeted at youth, relating to the historic sites in Trinity with a special emphasis on games and craft activities of the past.



The Green Team assisted in the maintenance of a heritage garden at the Hiscock House and was involved in ‘Eerie Evening’ guided hikes. The Team was involved in ‘Children’s Day’ which included traditional games, entertainment and food that would have traditionally been served at a school or, Sunday school picnic in the past. In addition, the team planned and carried out Environmental Awareness Days during which they helped to educate the public about climate change and the importance of energy conservation.

Western Projects

Location: Dunfield Park, Corner Brook

Proponent: Dunfield Park Community Centre

Project: Capturing our Community: Dunfield Park Trail Maintenance and Beautification

Team: Meaghan Noel (Leader), Scott Stewart, Ella Campbell, Kayla Young



presentations, BBQ's, activities for children and group clean-ups.

The Dunfield Park Capturing our Community Green

Team embarked on a beautification project for the Dunfield Park area of Corner Brook. The team held two major clean-ups of the area, implemented recycling initiatives within the community and encouraged local residents to work together to maintain the physical integrity of the area. The team spent several weeks reshaping an existing trail that was extremely run down and constructing 250 feet of walking trail through the center of the community. In addition, wooden stairs were installed, sod was laid in bare areas, and vegetation was planted throughout Dunfield Park. The team hosted several community events including information sessions,

Location: Corner Brook

Proponent: City of Corner Brook

Project: City of Corner Brook Paper/Cardboard Recycling Program

Team: Stacey Perry (Team Leader), Allan Park, Melissa Donahue, Annette Hiscock



The City of Corner Brook Paper and Cardboard

Recycling Green Team worked throughout the city of Corner Brook to promote and strengthen the Summer Recycling Program. The initial component of the project consisted of a door-to-door campaign to make homeowners aware of the recycling program and to distribute information pamphlets and blue bags to help residents kick-start the process. The Green Teams spent the next few weeks inspecting blue bags and providing homeowners with a report card outlining what they had recycled correctly and incorrectly. The team collaborated with Scotia Recycling for a portion of the project and distributed information to local businesses

encouraging them to recycle as well. The team used exploratory research to assess the recycling behaviours of the residents in the area and developed a database to track the information retrieved from their research efforts.

Location: Codroy Valley

Proponent: Intervale Associates Inc. and Marine and Mountain Zone Corporation

Project: Codroy Valley Piping Plover Guardianship Program

Team: Lori Gillis (Team Leader), Wallace Gale, Cathy Downey, Victoria Hynes

The Codroy Valley Piping Plover Guardianship

Green Team was one of the two Piping Plover Guardianship projects held in the Western region this year. The Guardianship projects are part of a much larger initiative that focuses on protecting the Plover, a Canadian listed endangered species. The project was based on the underlying objective to promote the protection and recovery of the Piping Plover. The Green Team monitored the Plovers that nested on the beaches in the Codroy Valley area without disturbing their immediate habitat. In addition the team collected various data on the number and location of nests, nesting pairs, and eggs as well as the amount of pedestrian traffic on the beach and other important variables. The team



educated local residents and tourists about the problems surrounding the Piping Plover and what can be done to help in the protection of the endangered species. Finally, the team organized environmental activities for kids in the area.

Location: Burgeo Sandbanks Provincial Park
Proponent: Marine and Mountain Zone Corporation
Project: Burgeo Sandbanks Provincial Park Piping Plover Guardianship Program
Team: Benjamin Vatcher (Leader), Megan Billard, Gina Billard, Carolyn Green



The Burgeo Piping Plover Guardianship Green Team was one of the two Piping Plover Guardianship projects held in the Western region this year. The Green Team monitored the Plovers that nested on the beaches in Sandbanks Provincial Park. The team collected various data on the number and location of nests, nesting pairs, and eggs as well as the amount of pedestrian traffic on the beach and other important factors that could potentially impact the species. The team educated local residents and tourists about the problems surrounding the Piping Plover and assisted Park employees with interpretation. Finally the team embarked on several additional projects around

Sandbanks Provincial Park including the construction of two sections of boardwalk to complement the existing boardwalk network, beach clean-ups and general park maintenance.

Location: Port au Port Peninsula
Proponent: Community Education Network
Project: Engaging Communities Green Team
Team: Jillian Ridgeley (Leader), Desmond Woods, Tammy Bridger, Candace Drake

The Engaging Communities Green Team ran summer programs throughout the Port au Port Peninsula with the objective of encouraging youth participation in their various initiatives. The team was to engage youth ages 7-11 in activity camps that focused on the Mi'kmaq culture and French traditions of the Port au Port Peninsula as well as environmental education, all through an asset-based approach. They held three week-long activity camps in Piccadilly, Lourdes, and Cape St. George, as well as three day-long camps in Campbell's Creek, Three Rock Cove, and Sheaves Cove. At the end of the summer, the team participated in a large day-long event to celebrate the culture of the Port au Port Peninsula.



Location: Stephenville Crossing
Proponent: Community Youth Network, Stephenville Crossing Environmental Conservation Committee, Eastern Habitat Joint Venture
Project: Adventures in Stewardship – Youth Connections Green Team Project
Team: Lori White (Leader), Shane Young, Jonathon Strickland, Amanda Bennett

The Stephenville Crossing Youth Connections Green Team worked with the youth and kids of the area to promote Guardianship and Stewardship in a fun and interactive way. The team held camps for local youth that focused on stewardship activities, environmental themes and cultural heritage preservation. Activities included hikes, bike rides, beach walks, campfires, an overnight excursion to Sandy Point and day-long camps. The second major component of the project involved a Piping Plover guardianship campaign in which the team raised awareness about the endangered shorebird in the community of Stephenville Crossing. The team attended community events and educated local residents and tourists of the need to protect the endangered species and its habitat.



Northern Projects

Location: L'anse aux Meadows

Proponent: L'anse aux Meadows National Historic Site

Project: L'anse aux Meadows Guides and Interpreter Interns

Team: Sarah Bussey (Team Leader), Matthew Patey, Toby Colbourne, Stephanie Decker



During the summer, **the L'anse aux Meadows Interpreters and Interns Green Team** learned the history of the Vikings from Vinland and acted as Vikings at the L'anse aux Meadows National Historic Site. Through their interpretative activities and interactions with tourists, more than ten thousand people were educated about the Norse settlement that was established in L'anse aux Meadows over 1000 years ago. In addition, the Team organized and produced the materials for a Teacher's Institute Worksop. The team produced metal embossing kits, wool spinning kits, 'Nine Man Mills' game kits, and nole binding kits. At the end of the summer, the team hosted a Teacher's Institute in which they

introduced local Teachers to Norse activities and traditions and distributed the Viking kits for teachers to bring back to their classrooms.

Location: Raleigh

Proponent: Raleigh Historical Corporation and Limestone Barrens Habitat Stewardship Program

Project: Restoration of Old Root Cellar & Stewardship Program - Raleigh

Team: Robyn Greene (Team Leader), Greg Randell, Miles Blake, Marteen Smith

The Raleigh Green Team was responsible for working with, and completing tasks for, two Project Proponents – the Raleigh Historical Corporation and the Limestone Barrens Habitat Stewardship Program. Initially the team was responsible for restoring an old-fashioned root cellar that would be used to store vegetables during the fall and winter months. The team tended to a heritage garden within the community and created a book titled 'Facts and Fables of Raleigh'. For the second part of the project, the team raised awareness of the Limestone Barrens and the need to protect this rare habitat and delicate ecosystem. In addition, they completed a survey on the rare plant *Crepis nana* and assisted students from Memorial University in their research efforts on Burnt Cape. The main goals of the project were to promote awareness of the Limestone Barrens and to restore the cultural integrity of historic Raleigh.



Location: Port au Choix

Proponent: Limestone Barrens Habitat Stewardship Program

Project: Stewardship Program – Port au Choix

Team: Amanda Frost (Team Leader), Lorilynn Billard, Lindsey Payne, Adam Cornick



The Port au Choix Green Team was responsible for raising awareness of the Limestone Barrens primarily through interpretative tours of the Barrens. The team worked closely with a Parks Canada interpreter and educated local residents and tourists of the importance of protecting and preserving the rare plant species found in this fragile habitat. In addition, the team held community clean-ups and worked with the Town Council to maintain old documents and slides. The team also organized several events to 'creatively' promote the Limestone Barrens within the community and to educate individuals on environmental issues. These events included a week-long kids camp and Port au Choix's first-ever 'Limestone Barrens Pageant'.

Location: Hawke's Bay

Proponent: Eastern Habitat Joint Venture

Project: Municipal Wetland Stewardship Project

Team: Nikki Ryan (Team Leader), Mark Kelly, Adam Fudge, Aaron House

The Hawke's Bay Green Team worked with Eastern Habitat Joint Venture to prepare materials on Otter Pond, a wetland habitat within their community. One of the team's primary tasks was to prepare a plant dictionary once a sample of each of the wetland's flora species had been collected, pressed and mounted. Using a canoe, the team monitored Otter Pond on a daily basis and created an inventory of all bird and wildlife sightings over the duration of the project. From their observations, the team assessed the degree of human impact on the wetland and reported their findings. The project also consisted of a community awareness component in which the team developed and administered surveys to local residents to gauge the level of knowledge on the Municipal Wetland Stewardship initiatives that were taking place within the community.

