

Land Reclamation Program

Annual Report

December 2002



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In 2002, the City of Greater Sudbury's Land Reclamation Program continued its dedication toward a greener Sudbury. With a work crew of more than 150 individuals, the Program was able to plant over a half a million tree seedlings. With the completion of the fall plant, the total number of trees planted within the City boundaries now exceeds seven and a half (7.5) million. The area behind the soccer field at Laurentain University ('Pilgrim Hill') was reclaimed and assistance was given to the Junction Creek Stewardship Committee in liming portions of the Nickeldale sub-watershed. A total of 10 hectares of land was limed.

The following table summarizes some of the activities that occurred:

Task	Result 2002	Total Completed
Area Limed	10ha	3,314ha
Area Fertilized	-	3,135ha
Area Seeded	-	3,015ha
Trees Planted	505, 048	7,731,449

Funding Partners

Ontario Works (OW)
City of Greater Sudbury (CGS)
Vermillion Forest Management (VFM)
INCO Limited
Health and Social Services / CGS
Falconbridge Limited
FedNor
Summer Job Service / YMCA Employment
Services
DOMTAR / Nickel District Conservation
Authority
Sudbury earthdancers
Tree Canada Foundation (TCF)/Human
Resources Development Canada (HRDC)
International Society of Arboriculture (ISA)



Other Partners

Junction Creek Stewardship Committee Rainbow Routes / Trans Canada Trail Sudbury Community Foundation





2) LABOUR Page 2

a)Land Reclamation

The bulk of the Labour force this year was made up of participants from the Ontario Works program. This labour enabled us to complete our targets by planting the trees that were both purchased and donated to the Program. Other technical positions were also made possible through funding agencies. These positions included a Marketing and Development Intern, an Administrative Assistant, and a Researcher. The Land Reclamation Program provided a Researcher for seven months, a Geographic Information System (GIS) Technician for seven (7) months, two positions for a Foreperson, for 7 months each, a Crew Foreperson for six (6) months and six (6) summer students for 4 months.



b) Ontario Works

The Land Reclamation Program and Health and Social Services "partnered" again, to facilitate the Community Placement component of the Ontario Works Program. Five different sessions were offered, each ranging in duration from 8 to 13 week periods. In total, 100 positions were made available for 200 participants, to work two days a week, at eight hours per day. The period of participation extended from May 6th to October 24th.

The individuals who participated on the Program planted tree seedlings and "greened" barren landscapes by spreading agricultural limestone. In addition to assisting with the 2002 Land Reclamation Program, these individuals received job experience, a current work history, a letter of reference, certified Workplace Hazardous Materials Information System (WHMIS) training as well as job search skills.

Our "partnering" with Ontario Works has been a success for both the Program and the participants. Many individuals have gained valuable work experience and have become employed. Upon completion of their work session, participants took part in an information session to discuss the Program activities. Questions were asked to determine what improvements and efficiencies could be made. The intent of this session was to provide all participants a forum for discussing their ideas as well as an opportunity to learn what issues remain challenges for improvement. Several suggestions were made and should be investigated for the 2003 season.



Issues include: -bus driver and quad operator be supplied with a form of communication (radio or phone)

-a radio should be supplied at meeting locations in the field to act as a homing beacon

-the City's safety training session should be geared more towards the type of work the participants are engaged in (ie. Bears, West Nile Virus, getting lost)



c)FedNor - Youth Internship Initiative

The Program was successful in their 2001 application for funding from FedNor for a Marketing and Development Intern. The goal with this position is to market the remaining copies of the book "Healing the Landscape" as well as land reclamation technology. The fully funded position was filled on September 10, 2001, for a one year term. However, the incumbent left the position on January 11, 2002. The position remained vacant for 5 months at which time the position was re-posted as a unionized position, with a wage increase above the funding amount. The position was filled on June 10, 2002, with an end date of Feb. 22, 2003.

d) Human Resources Development Canada (HRDC)

The Land Reclamation Program was not successful in their 2002 application for HRDC Job Creation Partnership funding. However, extensions of the 2001 funding allowed for an Administrative Assistant position from March 18th to May 24th. This enabled the smooth start to the 2002 Program operation, lending support to the hiring of individuals and participants from Ontario Works. Funding for the Researcher position ended on February 15th, with no extension.

e) Summer Job Service / YMCA Employment Services

The YMCA summer student programs have been a partner with the Land Reclamation Program again this year, providing wage subsidies for 5 of the 6 summer students over a 12 week period. Summer students are an important component of the field activities for the Land Reclamation Program, driving the project vehicles, loading vehicles with equipment and materials as required, and taking on added responsibility beyond the regular duties of tree planting and liming activities.





f) Volunteers

Over 20, 000 tree seedlings were planted by more than 500 volunteers who assisted with the Program this year. These volunteers were involved in a variety of organized groups or clubs. The volunteer program provides educational opportunity on environmental issues, information on the City's Land Reclamation Program, as well as tree planting experience.





LABOUR STRUCTURE - 2002 Land Reclamation Program

Program	Number of Positions	Cost to City	Activity
City of Greater Sudbury Temporary/Summer Students	5	80%	tree planting, liming
City of Greater Sudbury Temporary/Summer Students	1	100%	tree planting, liming
City of Greater Sudbury Temporary Employees	6	100%	Supervisor, Foreperson (2), Crew Foreperson, GIS Technician, Researcher
FedNor	1	20%	Marketing and Development Intern
Human Resources Developme Canada (Job Creation Partnership)	ent 2	NIL	Researcher, Administrative Assistant
Ontario Works	100	NIL	tree planting, liming

TOTAL 115



3) EVENTS

a) Coordinator of Environmental Initiatives

On February 22nd, members of the VETAC Committee and City of Greater Sudbury staff bid a fond farewell to Dan Napier, former Coordinator of Environmental Initiatives, who left the Program and the City to pursue other opportunities. On July 8th, the position was filled by Stephen Monet, Ph.D. At the July VETAC meeting, members welcomed Stephen as part of our team and look forward to continued success of the Land Reclamation Program.



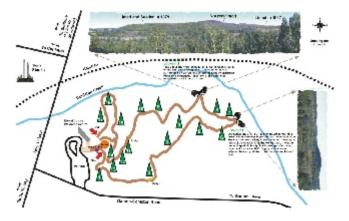
b) Jane Goodall Reclamation Trail Opening, Coniston

As part of her itinerary while in Sudbury, Dr. Jane Goodall of the Jane Goodall Institute requested a private meeting with members of VETAC. In celebration of her visit, and interest in the activities of the Land Reclamation Program, the trail behind the Nickel Centre Welcome Centre was officially opened on May 7th as the "Jane Goodall Reclamation Trail".





The 1km trail was created through the efforts of the Land Reclamation Program and its many hundreds of volunteers and employees. This trail demonstrates the results of liming, grassing and tree planting, and features two lookout points which illustrate the healing of the landscape over a 30 year period. The purpose of the trail is to showcase the activities of the Land Reclamation Program to the community and visitors alike, and to promote local tree planting activities in everyone's community.





The annual Tree Giveaway was held Friday, May 10th and Saturday, May 11th at the New Sudbury Shopping Centre. Almost 10,000 tree seedlings were distributed by more than 10 volunteers. The tree species given out included the very popular Cedar and White Spruce.

Once again, for anyone who brought in a sample, Cambrian College was on hand to conduct soil testing for pH levels and the Master Gardeners provided gardening and landscaping advice. Again this year we used this opportunity to promote the book "Healing the Landscape," and the display was a successful advertising tool.

The purpose of this event is to let the community know about the activities of the Land Reclamation Program and promote tree planting in our community. Many interested individuals' and strong supporters donated to the "collection box," which totaled \$1,212.04.



d) Appreciation Lunches

Appreciation lunches were held for the participants of the Ontario Works Program. At these events, participants were thanked for their participation in the Land Reclamation Program and for their compliance to the Ontario Works Program. Awards, in the form of Program T-shirts and hats, were distributed to participants with outstanding attendance and dedication to their Placement. In all, four lunches were held to encompass the two main sessions (12 weeks each), as well as the two crews per week (Monday-Tuesday and Wednesday-Thursday groups). On July 23rd and 25th, this event took place at Fielding Park in Walden where people were able to relax in the beautiful landscape and watch some of the waterfowl which inhabit the park. On October 22nd and 24th, lunches were held at King's Buffet on the Kingsway, and were a great hit with the participants. These lunches were a great success, as it makes the participants feel a part of something important, and appreciated by many people.









e) 75th Anniversary of Old Age Security Pension, Pioneer Manor, Sudbury

A ceremony was held on Tuesday, October 15th, 2002, at 11:00a.m. at Pioneer Manor to commemorate 75 years of public pensions in Canada. Speakers at the event included the Honourable Diane Marleau, MP for Sudbury, Mr. Ron Dupuis, Deputy Mayor for the City of Greater Sudbury, Ms. Deena Morrison, on behalf of the Director of Human Resources Development Canada, Mr. Paul Thususka, Tree Canada Foundation representative, and Ms. Catherine Sandblom, Acting General Manager for Health and Social Services.

Over 50 citizens and residents were in attendance to the event. The guest list included representatives of City Council, the Mayor's and Council Committee on Seniors Issues, staff and residents of Pioneer Manor, VETAC Committee Members, the City's Land Reclamation Program staff and participants, Rainbow Routes Association as well as others. A reporter from The Sudbury Star, a local newspaper, was also in attendance.

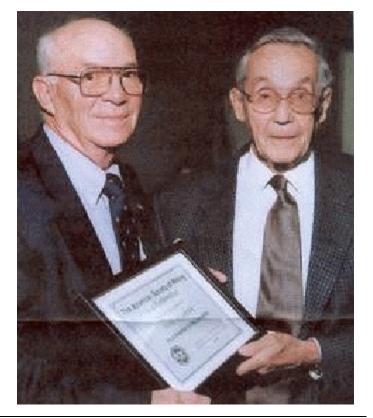


The delegates and Pioneer Manor residents and volunteers were invited to plant a ceremonial tree in the courtyard. A plaque, provided by HRDC with all the sponsor logos, will be placed in a prominant location at Pioneer Manor.

Land Reclamation was successful in securing this funding from Tree Canada Foundation for this event, in which75 trees were planted at the Pioneer Manor site, including 10 large stock Red Oak trees.

f)"Pioneer in Reclamation" Award Presentation

Tim Richmond, Director of the American Society of Mining and Reclamation, attended a VETAC meeting on October 16th, to present Mr. Tom Peters, committee member, with the "Pioneer in Reclamation" award for his efforts in turning INCO tailings and other stressed lands from black to green. Mr. Peters' work on tailings began in the mid-1950s long before reclamation was a community concern. He was able to establish vegetation on stressed industrial lands through innovation, trial and error, and probably a little luck. If not for the efforts of Tom Peters and others like him we likely would not be so advanced in our efforts to re-vegetate our community.





g)WHMIS Training

For all the participants who successfully completed their Land Reclamation placement, certified WHMIS training was provided on December 12th. After the session, all participants were reminded to include this training on their resumé, as it may be a beneficial tool in obtaining future employment.

4) Educational Presentations/Tours/Field Trips

a) Roots and Shoots Conference, Laurentian University, Sudbury

The Jane Goodall Institute's annual "Roots and Shoots Conference", hosted by Science North and held at Laurentian University on May 7th was a grand event this year with Jane Goodall's presence to kick off the event. After a keynote address from Jane Goodall herself, students from the Rainbow District School Board, Sudbury Catholic District School Board, le conseil scolaire catholique du Nouvel-Ontario and conseil scolaire du district du Grand Nord de l'Ontario participated in workshops, forums and field trips designed to improve our environment, schools and communities.



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The Land Reclamation Program provided over 100 participants with the liming experience on a hill off South Bay Road, which is part of the Laurentian University Ski Trails. Three 2-hour sessions were provided: one in English and two in French. Students, teachers and parents were able to experience first hand the manual labour involved in reclaiming barren landscapes. They carried lime bags to the site and spread the limestone on the barren hills.

It was the intent that participants would share what they have learned during the conference with others, thus spreading hope and inspiration for a better future, one person and one idea at a time.

b) Regional Heritage Fair

Laurentian University hosted the 6th annual Sudbury Regional Heritage Fair, which took place May 9th and 10th. The campus was buzzing with activity as 2,300 students, teachers and parents gathered for the event. On May 10th, Dr. Peter Beckett, Chair of VETAC, provided two half hour presentations on the Land Reclamation Program in Sudbury and had a question and answer period. On May 23rd, Dr. Beckett provided a repeat performance for a group of students from Saskatoon participating in the 2002 Saskatoon Regional Heritage Fair. These visitors, grade 6 to 10 students, traveled to the City of Greater Sudbury as part of an ongoing exchange program with the Sudbury Regional Heritage Fair.

c) World Youth Day - Days in the Diocese, Sudbury

On July 20th, the Land Reclamation Program and VETAC Committee hosted an "Ecology Day" for 200 pilgrims aged 18 to 34 involved in World Youth Day, an international event. Youth from many different countries were introduced to the history of the Sudbury area and the Land Reclamation Program through a bilingual presentation delivered by Dr. Peter Beckett, Chair of VETAC, and Kathy McDonald, VETAC Committee member. After a lunch break, the pilgrims were led up a mountain ('Pilgrim Hill') behind the Laurentian University soccer field, where they participated in hands on reclamation activities, including liming, fertilizing, seeding and tree planting.



Afterwards, a tour of the Jane Goodall Reclamation Trail put all their efforts into perspective, as the self guided trail meanders through various stages of reclamation activities that began more than 25

years ago.







d)Educational Liming and Tree Planting/LU and Guelph

On October 5th, as part of a land reclamation tour, 30 students enrolled in biology at Laurentian University obtained "hands-on" experience by spreading limestone and planting trees. Led by Dr. Peter Beckett, chair of VETAC and professor of biology at Laurentian University, students reclaimed a portion of land as part of the Upper West Branch of Junction Creek Restoration effort. During a weekend field trip to Sudbury, 20 students enrolled in restoration ecology at the University of Guelph practiced the 'Sudbury Technique' by adding limestone and by planting tree seedlings near Pilgrim Hill at Laurentian University. Earlier on November 9th, the students learned about the environment of Sudbury through a series of lectures in which VETAC members Graeme Spiers and Peter Beckett participated.

5)Communication/Marketing Efforts

Communicating the trials and triumphs of landscape restoration in the Sudbury area is an important step in preserving the natural environment in our area as well as around the world. If awareness is increased about the devastation that can result from industrial operations, we are one step closer to ensuring prevention, not rehabilitation. By sharing our experiences and learning from others, we can ensure we are taking all necessary steps to improving the environment in which we all live.

a)Land Reclamation Computer Video

An educational video on the history of the Sudbury environment and the practices of the Land Reclamation Program was produced in April. The video is bilingual, approximately two and a half minutes in duration and geared toward a grade six audience. It is anticipated that this video will be available on the website in the near future, and has already been used by committee members at presentations to youth groups.



b)Seminars

The following table outlines the various seminars that VETAC members have made presentation about the Land Reclamation successes in Sudbury:

Date	Presenter	Audience	Location
February 21	Tina McCaffrey, Supervisor of Environmental Initiatives	International Society of Arboriculture Ontario (ISAO) 53rd Annual Educational Conference and Trade Show	Windsor, ON
February 22	Dan Napier, Coordinator of Environmental Initiatives and Dr. Peter Beckett, Chair of VETAC	Dr. Mikhail Kozlov, University of Turku, Finland	Sudbury, ON
May 27	Bill Lautenbach, Planning Services, vice-chair of VETAC	Canadian Institute of Planners Annual Conference	Vancouver, BC
September	Dr. Graeme Spiers, Committee Member and Dr. Peter Beckett, Chair of VETAC	International Nickel Conference (Outcome: Russia-Sudbury Liaison Group)	Murmansk, Russia
October 2	Dr. Peter Beckett, Chair of VETACand Dr. Stephen Monet, Coordinator of Environmental Initiatives	Canadian Institute of Foresters Tour	Bryston's on the Park, Copper Cliff,ON, Jane Goodall Reclamation Trail, Coniston, ON
October 21	Dr. Stephen Monet, Coordinator of Environmental Initiatives	Association of Municipalities of Ontario (AMO) 2002 Counties and Regions Conference	Howard Johnson Hotel, Sudbury, ON
November 15	Dr. Stephen Monet, Coordinator of Environmental Initiatives	Quebec television documentary series entitled "L'esprit des lieux"	INCO Greenhouse, Copper Cliff, ON









6) Sudbury Community Foundation - Tree Fund

In July 1993, the Lougheed Family and Staff presented Council with a \$10,000 donation to establish a Tree Foundation. This donation represented 1,000 people in the region who were having a tree dedicated in their memory by the Lougheed/ Jackson and Barnard Funeral Homes. Lougheed's Limited further committed that they would dedicate a tree (at \$10.00 a piece) for the families they have served on an ongoing basis. Once the Sudbury Community Foundation became incorporated, the opportunity to continue this fund on a permanent basis presented itself. The Foundation is capable of accepting donations from other sources, keeping them separated and also issuing receipts for Income Tax purposes.

On August 7th, 1997, the City entered into a partnership with the Sudbury Community Foundation and established the Greater Sudbury Tree Fund. All donations made to the Sudbury Community Foundation - Tree Fund are pooled and invested. The capital of the Fund and any additions to the Fund, up to the sum of two million dollars, are to be held permanently by the Foundation and invested. Only the interest income generated will be distributed as a grant.

In the event that the Fund has not reached the sum of two million dollars, and a period of 5 years from the date of the agreement has passed, the Foundation is to commence making disbursements of the interest, ensuring that the income is applied for the following charitable purposes:

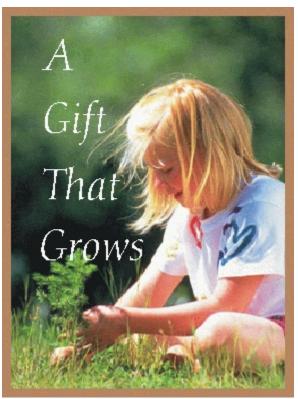
to preserve, protect, restore and improve area watersheds, forests and ecosystems situated within the City of Greater Sudbury including, without limitation, by means of tree planting of all kinds, vegetation planting and ecosystem improvements

At year end, April 30, 2002, the endowment fund balance was \$125,945.63. The accumulated interest income of \$1,424.74 was recapitalized. Although the five year term came to pass in August of this year, we hope to keep rolling the interest income back into the fund until such time that the amount is of substantial significance and the Program has real need for financial assistance at the time.

Donations to the fund can be made in several capacities. Both Lougheed/Jackson and Barnard Funeral Homes and the Cooperative Funeral Homes have committed to make donations. The Land Reclamation Program also has two campaigns to generate donations; "A Gift that Grows" and revenues generated from the sale of the book "Healing the Landscape", both are summarized below.

a)A Gift That Grows Campaign

This campaign has enjoyed another successful year with more than 20 people donating to the Sudbury Community Foundation -Tree Fund, generating \$500.00. This program helps to celebrate an event or commemorate a memorial, by planting a tree seedling in dedication to someone special. These trees are planted in the Tom Davies Commemorative Forest, located within the Lake Laurentian Conservation Area. The fund contributes a variety of trees to this forest such as White Pine, Red Pine, Jack Pine, White Cedar, Tamarack, Red Oak and White Spruce.





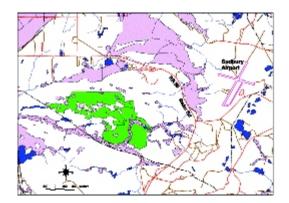
b)"Healing the Landscape" Revenues

In April of this year, \$12,335.00 was deposited into the Tree Fund, representing revenue generated from the 2001 sales of the book "Healing the Landscape". As of year end 2002, \$19,297.24 has been deposited, representing the revenue generated from the 2002 book sales. In a presentation delivered to the Community Foundation in November of 2001, the Land Reclamation Program hoped that donations to the Tree Fund from the sales of the book would generate between \$40,000 and \$45,000. Thus far, sales of the book have achieved almost 80% of the lower amount.

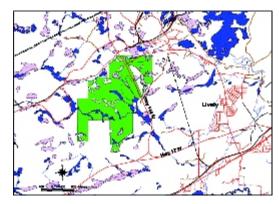
7) PROJECTS

a)Partnership with The Vermillion Forest Management Company Ltd. (VFM)

This fall marked the end of our partnership with VFM, with the planting of almost 230,000 tree seedlings. The seedlings, provided by VFM, were planted on Crown land situated near the old Radar Base and off the Highway 144 Bypass in Lively. The first phase of our partnership began in the fall of 2001 with phase two and three executed in the spring and fall of 2002. In total, our partnership has seen the planting of almost 350,000 tree seedlings. The spring plant proved to be exciting with both seedlings and tree planters transported to the site by helicopter.







b)Upper West Branch Restoration Project

The Junction Creek Stewardship Committee, supported by Ecoaction 2000, is trying to improve the water quality in Junction Creek by altering the landscape around the sensitive headwaters of Junction Creek. The Stewardship Committee requested our partnership in an effort to move and spread crushed limestone at a site located behind Tracks and Wheels on Hwy 69 North as part of the Upper West Branch Restoration Project. In all, the Land Reclamation crew assisted in moving 24 tons of limestone in that area.

Dr. Peter Beckett, chair of VETAC, also assisted the Junction Creek Stewardship Committee in several volunteer days. On June 8th about 150 Cadets participated in a liming day with some trees planted as well. A liming day was scheduled for community volunteers on September 14th and again on September 28th. Trees were also planted in the watershed on the latter date. About 50 volunteers participated on each day.

We hope to continue this partnership in the future, and plans have been made to plant trees in this watershed as part of the 2003 Land Reclamation Program. Work crews will also be made available to assist in any liming activities the group has planned for next season.



i) Annual Updates

Records of past and present reclamation sites are very important to plan future efforts as well as monitor the survival and quality of previously planted and reclaimed sites. With this type of mapping, a cumulative map can be constructed by overlaying or adding all activities from year to year. In this format, Land Reclamation progress can be clearly defined. This year we have completed GIS mapping for the following:

Tree Planting Sites (2002)
Tree Planting Sites (1979-2001)
Grassing and Greening (1978-2001)
Monitoring and Research Sites (1978 to 2001)
Junction Creek Proposed and Clean-Up Sites (1999 - 2002)
Proposed Land Reclamation Sites (2003+)

ii)Internet Application

Future plans are in progress to develop interactive mapping. All of the Land Reclamation activities will be available via the Internet. Layers such as tree planting sites, grassing and greening sites, research and monitoring sites, proposed reclamation sites will be available. This service will allow anyone interested to see where we have been and follow where we are going with the Land Reclamation Program activities.

iii)Five Year Plan

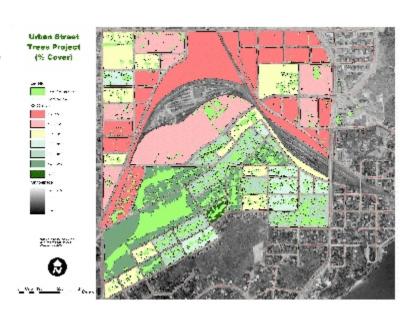
We have utilized GIS to assist with the development of a five year plan which started in 1999. The Five Year Plan identifies the future direction for the Program and outlines what areas are left for reclamation and tree planting activities. This guide is used as a tool for planning yearly programs as well as providing an overall outlook for the Program. The capability of GIS, allows us flexibility in creating drawings with various pieces of information.

iv)Urban TreeScape Inventory

An Urban Ecosystem Analysis to provide the framework for long-term planning for the City's trees using a geographical information system (GIS) will be initiated in 2003. The Analysis will involve both coarse-scale and fine-scale examinations of vegetation cover and will contribute not only to long-term planning but would also create the information system (IS) infrastructure required for tree planting and maintenance operations.

Canopy cover and impervious cover are digitized from high-resolution ortho-photos. The results are used in ArcView to generate maps of various canopy cover and impervious surface cover classes. Environmental services rendered by the canopy cover in terms of stormwater capture and air pollution reduction will be estimated.

A street tree census is also required for planning and operations. Various attributes of the trees are also collected from the census, such as species, diameter-at-breast-height (dbh), condition, overhead utilities present, etc. These data will become part of the street tree database.



v)Web Page Development

The Web Page for the Land Reclamation Program is currently operational. Our site explains the Program and related activities. It is hoped that we will continue to improve and develop the site and make it user friendly, interesting and informative. Please visit our website at www.city.greatersudbury.on.ca.

d) Monitoring and Research

The monitoring of plantings is critical in ensuring the success of the Program through continuous improvement. Research is also conducted to assess the viability of new techniques for vegetation establishment. Below is a list of several projects that are currently part of the monitoring and research component of the Land Reclamation Program.

Monitoring of Soil Acidity After Liming
Urban Reforestation Type Planting (sites # 251 and # 252)
Late Season Tree Planting Sample Plots
Tree Survival Sampling- Spring Stress Study
Monitoring of various species planted
Leaf Compost Experimental Plots
Long Term Effect of Liming on Stream pH
Mycorrhizal Inoculated Tree Seedling Survey



e) Marketing

i)"Healing the Landscape"

Since its launch in March 2001, Healing the Landscape has succeeded in illustrating Sudbury's environmental achievements to citizens and delegates around the world. The year 2002 saw 634 books sold or donated to various delegates, institutions, and private citizens, leaving 775 copies left to be sold.

Healing the Landscape is a bilingual, hard-covered, coffee table book that tells the fascinating story of Sudbury's re-greening efforts through inspirational, award-winning text, and exquisite photographs taken of the Sudbury landscape. It was created as a Millennium Project by the Vegetation Enhancement Technical Advisory Committee (VETAC) to celebrate the reclamation of the devastated Sudbury area. In April 2002, the Alberta Society of Professional Biologists awarded author Nicola Ross the Peggy Thompson Publication Award for her contributions to the book.

This year's overall marketing strategy was a great success. The distribution network for Healing the Landscape was greatly expanded as over 15 new distributors volunteered shelf space in their stores for the sale of the book. Participation in festivals and conferences also helped to increase public awareness and support.



The 2002 Christmas campaign strategy focused on securing the support of local businesses and corporations. Christmas flyers were mailed to numerous companies encouraging them to purchase copies of Healing the Landscape as Christmas gifts for employees, clients, and visiting delegates. A "corporate special" was implemented, enabling businesses to purchase thirteen copies for the price of twelve. In conjunction with this campaign, a story about Healing the Landscape was published in the Northern Life to renew local interest in the book. In total, 257 copies of Healing the Landscape was sold during the Christmas season to community members and corporations.

Books were available for purchase over the Christmas season for \$39.95 + GST at Tom Davies Square, Lively Public Library, Chelmsford Public Library, Chapters, Black Cat Too!, Whizards-Science North, Muirheads, Laurentian University, Cambrian College, Collège Boréal, Just For You Cards & Gifts, Plaza 69 Pharmacy, Craft Boutique, Backyard Birder, Lively IDA Gifts, Azilda Pharmacy, Designer Bouquets and Monuments, Dowling IDA, Levack IDA, Nickel Centre Pharmacy, Coniston Guardian Pharmacy, Mogensen Moccasin Co., Princeton Place, and White Rose. All proceeds generated from the sale of the book are donated to the Sudbury Community Foundation Tree Fund to further the re-greening effort in the Greater Sudbury area.

Distribution of Books

	Donations	Confirmed Sales
Pre 2002	3450	1591
2002	10	634
Books Left to go	40	775
TOTALS	3500	3000

ii) Land Reclamation Expertise

A marketing plan for the Land Reclamation program was created to determine if Sudbury's Land Reclamation "formula" could be sold to other communities. The plan addressed the need for increased awareness in the global society in order to effectively sell the "formula" to interested communities and organizations as well as the need for pricing structure and terms of sale. This marketing plan has not yet been implemented due to the desire to first increase support and awareness within the Sudbury community for the Land Reclamation Program's efforts.

8)Media

Several media covered the progress and/or activities of the Land Reclamation Program. Media coverage was positive and responded to many of our programs and events, including the opening of the "Jane Goodall Reclamation Trail", and the Annual Tree Giveaway.

i) Newspapers ii) Television

iii)Radio

Sudbury Star Northern Life MCTV Evening News MCTV News at Noon

BC Radio Q92

Local Cable (Prevue Channel)



9)Financial Summary

The Land Reclamation Program was very fortunate to receive funding and material from outside "partners". The cost of this years' Program exceeded \$800,000.00. The City of Greater Sudbury contributed almost \$148,000.00. Therefore, the City's contribution to the Program was 19% of the total cost, with the remaining 81% of the Program costs financed from other partners. The following chart summarizes the financial contributions, including "in-kind" contributions of labour and material.

Program Contributors	Weeks	Number	Source	Amount
Ontario Works Program HRDC - Job Creation Partners FedNor Summer Job Service	2,300 ship 17 31 60	200 2 1 5	Provincial Federal Federal Provincial	\$368,000.00 \$7,021.00 \$13,020.00 \$3,600.00
Vermillion Forest Management CGS - Health and Social Servinco Ltd. Falconbridge Limited Sudbury earthdancers International Society of Arboric	ices		NGO Provincial Mining Co. Mining Co. Private Private	\$67,806.51 \$30,000.00 \$25,000.00 \$18,000.00 \$1,160.00 \$75.00
MATERIALS (Trees) Tree Canada Foundation/HRE Vermillion Forest Management INCO Ltd. NDCA		75 229,242 30,000 10,088	Private NGO Mining Co. Private	\$1,000.00 \$68,772.60 \$9,000.00 \$3,026.40
Sub-Total City of Greater Sudbury Contr City Tree Purchase Reserve	ibution			\$615,481.51 \$147,895.00 \$83,920.00
GRAND TOTAL				\$847,296.51

The 2002 Land Reclamation Program was successful. All of the goals and expectations for the Program were met.

Several challenges are being explored for 2003, these include:

Initiate the TreeScape initiative

Digitize ortho photos of tree canopy for former City area

Conduct street tree canopy census

Keep the Land Reclamation Program in the public eye to maintain community support Plan event(s) to celebrate the 25th anniversary of the VETAC committee operation

Conduct watershed mapping

Secure long-term commitments from funding "partners"

Initiate projects and programs proposed by VETAC subcommittees

Establish a long term tree supply

Initiate a program to broadcast municipal compost as a substitute for lime/fertilizer application

Maintenance, including updates to the website

Develop the next 5 Year Plan that incorporates suggestions from VETAC (Nov. 2002)

11) 2002 Quick Summary

- 505,048 tree seedlings were planted in 2002
- 10 ha or 24 acres of land was limed, at locations behind the Laurentian University soccer field, and in the Nickel Dale sub watershed
- Over 150 individuals participated in the Program through Ontario Works
- 2 individuals participated in the Program through Job Creation Partnership
- over 500 volunteers participated in this year's program, planting trees throughout the City
- almost 10,000 tree seedlings were given away to residents of the City of Greater Sudbury
- to date, 7,731,449 tree seedlings have been planted throughout the City of Greater Sudbury as a part of the Land Reclamation Program





Funding Partners

Ontario Works (OW)

City of Greater Sudbury (CGS)

Vermillion Forest Management (VFM)

INCO Limited

Health and Social Services / CGS

Falconbridge Limited

FedNor

Summer Job Service / YMCA Employment Services

DOMTAR / Nickel District Conservation Authority

Sudbury earthdancers

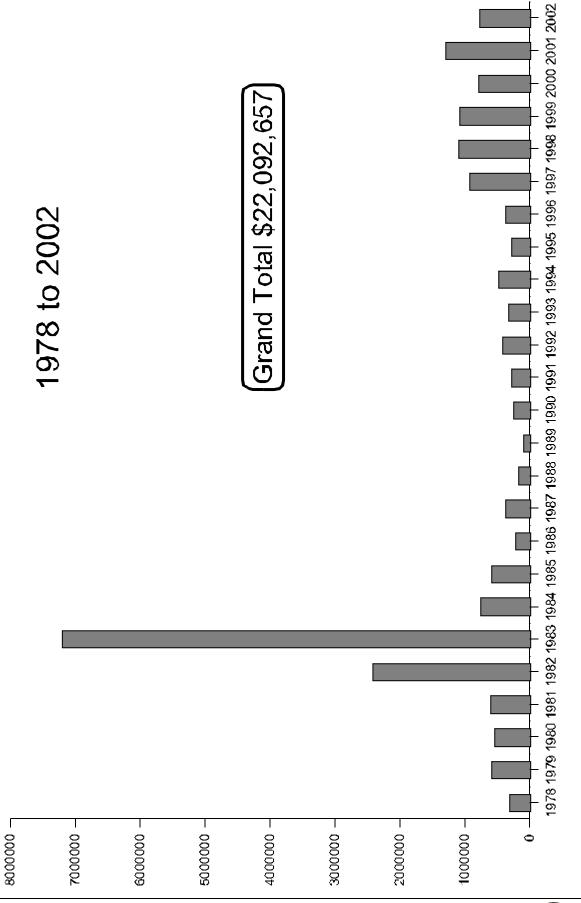
Tree Canada Foundation (TCF)/Human Resources Development Canada (HRDC) International Society of Arboriculture (ISA)

Other Partners

Junction Creek Stewardship Committee Rainbow Routes / Trans Canada Trail Sudbury Community Foundation

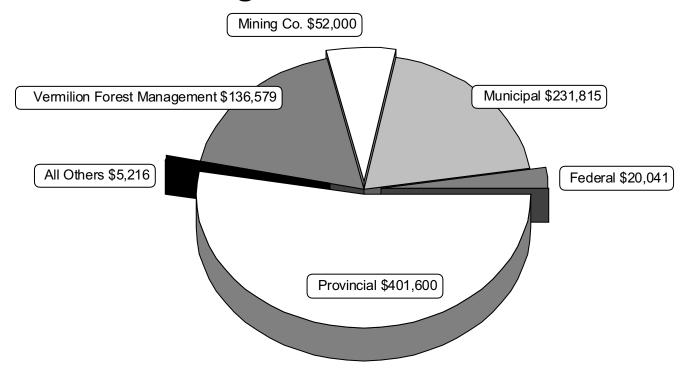


Yearly Program Costs

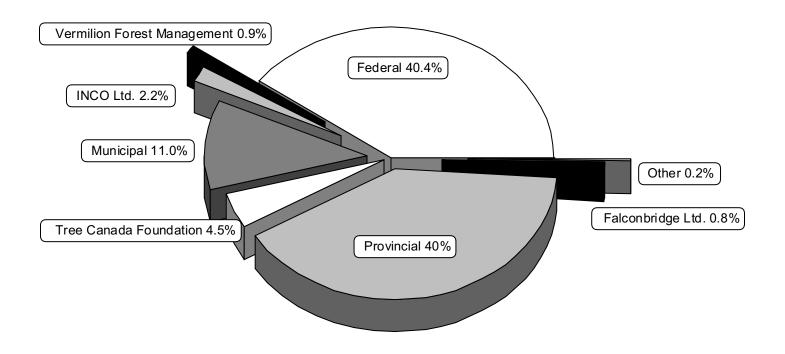




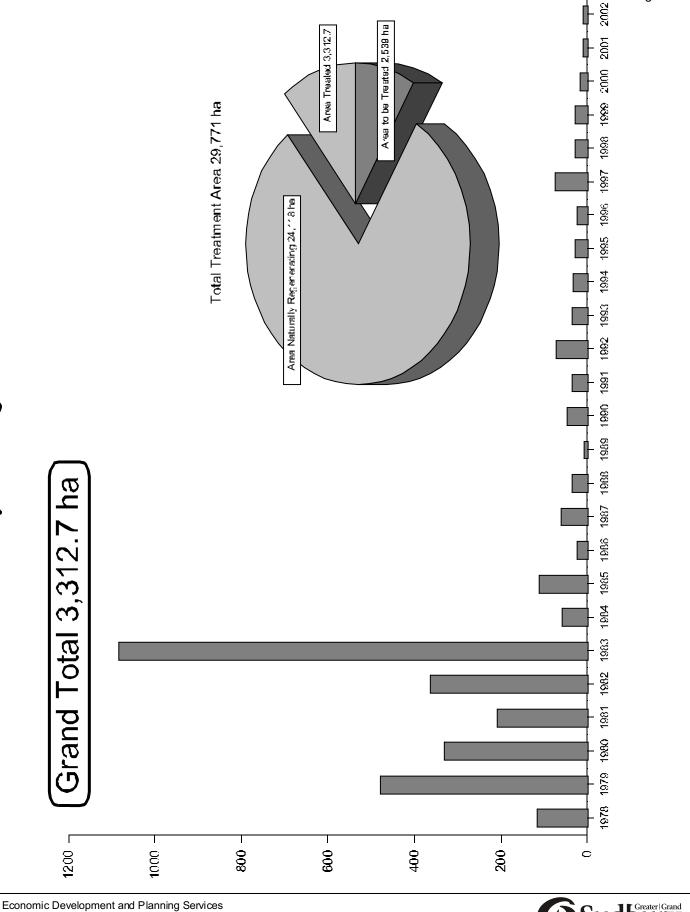
Funding Contributions 2002

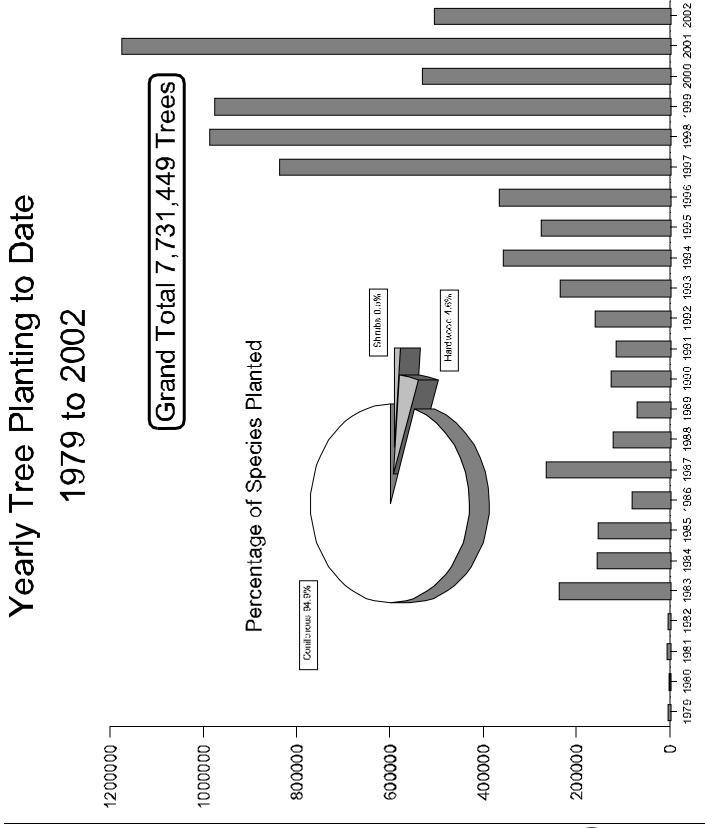


Overall Financial Contributions 1978 to 2002



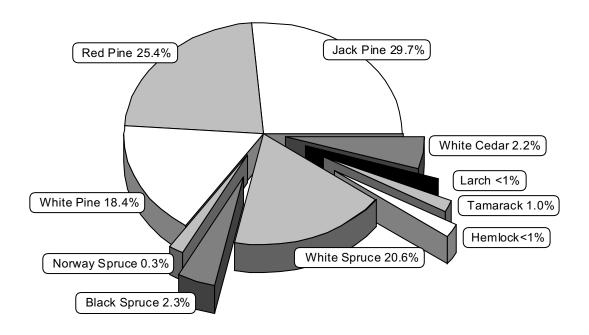
Yearly Liming to Date 1978 to 2002



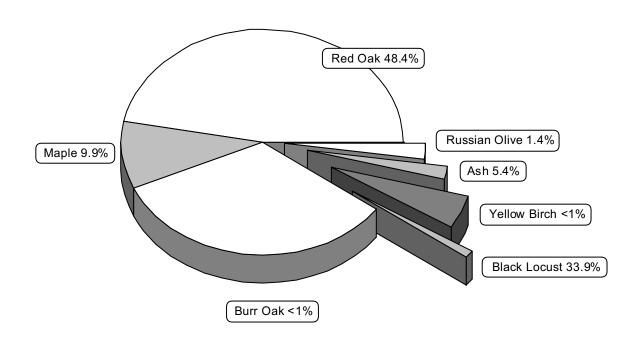


Percentage of Species Planted

Coniferous Species Planted 1979 to 2002



Hardwood Species Planted 1979 to 2002

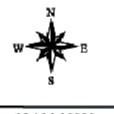












Date: 06 / 01 / 2003

Dwg: YGG02

Source: OBM, VETAC

