

Ontario Stewardship Ranger Program

2012

Eastern Region

Community Stewardship Council of Lanark
County & Leeds and Grenville Stewardship
Council

Kemptville District

Perth, ON

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1.0 Introduction

This year's Stewardship Ranger crew was another great success. The Stewardship Ranger Program in Lanark County was initiated during the pilot program in 1999 and has continued to be very successful in employing local youth and completing worthwhile community projects. This crew is funded through the MNR and the Community Stewardship Council of Lanark County. This summer, the rangers again were able to complete a variety of projects in all aspects of resource management and stewardship. Some of the highlights from this summer for the rangers were installing a Walleye spawning bed in the Mississippi River, building several fences to keep livestock out of wetlands, and seine netting fish with a MNR Biologist. Some education opportunities from this summer include a tour of the OMYA calcite quarry in Tatlock, a visit to the Museum of Nature in Ottawa, and participation in a Bioblitz on Otty Lake. All the rangers were very enthusiastic and hardworking throughout the summer and greatly enjoyed their time as an Ontario Stewardship Ranger.

2.0 Team Contact Information

Name of OSR Coordinator: Jeff Ward

Name	
Emily Verhoek	Team Lead
Natalie Pollock	Ranger
Shelby Featherston	Ranger
Brock Hendry	Ranger
Jesse Ballentine	Ranger

3.0 Team Photo (with names)



Yellow Helmets: Shelby Featherston, Jesse Ballentine, Brock Hendry, Natalie Pollock
Orange Helmets: Jeff Ward, Emily Verhoek

4.0 Project Summary

4.1 Project Descriptions

Proj. #	Project Title	Work Description	Work Location	Program Area *	Total Person Days (# of days on a project x 5 people) **
1	Prep	Collecting and preparing equipment for summer's work.	Perth	District	1 day x 5 people = 5
2.	Fence Building	Build a split rail cedar patent fence on a landowners property to keep cows out of a wetland	Fallbrook	Lands and Waters	3 days x 5 people = 15
3.	Fence Building	Assist in building patent fence on Community Pasture to keep cows out of wetland areas	Leeds	Lands and Waters	9 days x 5 people = 45
4.	Murphy's Point Provincial Park	Clearing a hiking trail within the park. Removing prickly ash that began to encroach on the path.	Murphy's Point Provincial Park	Recreation	0.5 day x 5 people = 2.5
5.	Otty Lake BioBlitz	Cleared and marked trails on Boy Scout Camp Property. Assisted with inventory of species on the property. Helped to take down camp.	Whispering Pines Boy Scout Camp	Fish and Wildlife	2 days x 5 people = 10
6.	Frog Bit Removal	Canoeing around the shoreline of the lake to look for and remove any invasive Frog Bit.	O'Brien Lake	Fish and Wildlife	1 day x 5 people = 5
7.	Cataraqui Trail	Repairing a old railway bridge, clear blocked culverts, filling potholes along the trail, clearing fallen trees, and reinforcing the sides of the trail to deter beavers from destroying it.	Cataraqui Trail between Chaffey's Locks and Smiths Falls	Recreation	3 days x 5 people = 15
8.	Baird Trail	Clearing brush and putting up trail markers along a hiking trail owned by the county and conservation authority. Repair an exiting boardwalk.	Baird Trail near Lanark, ON	Recreation	3.5 days x 5 people = 17.5
9.	Spawning Bed	Washing rock of sediment before it is lowered into the Mississippi River by a crane. Once placed in the river, rangers helped to spread the rock evenly over the river bed.	Innisville, ON	Fish and Wildlife	2 days x 5 people = 10
10.	White Lake Fish Hatchery	Tour of the facility. Use a water pump, shovels, and brooms to spray 3 large concrete outdoor fish ponds. Clear brush from behind a hatchery building.	Sharbot Lake, ON	Fish and Wildlife	2 days x 5 people = 10
11.	Clean-up	Cleaning up vehicle and equipment for future use.	Perth	District	1 day x 5 people = 5

Total # of Person Days Spent On Projects 140

4.2 Total Person Days per Program Area

	F&W	L&W	Forests	Recreation	District	Community	Aboriginal	PERSON DAYS TOTAL
Person Days per Program Area	35	60	0	35	10	0	0	140

4.3 Projects Recommended for 2013

Title	Description	Location	Contact (Name, Organization and Number)
Fence Building	Assist in building patent fence on Community Pasture to keep cows out of wetland areas	Leeds	Donna O'Connor 613-812-5826
Murphy's Point Provincial Park	Clearing a hiking trail within the park. Removing prickly ash that began to encroach on the path.	Murphy's Point Provincial Park	Tobi Kiesewalter 613-267-5060
White Lake Fish Hatchery	Tour of the facility. Use a water pump, shovels, and brooms to spray 3 large concrete outdoor fish ponds. Clear brush from behind a hatchery building.	Sharbot Lake, ON	Tim Drew 613-335-2115 x 223

5.0 Partnership Summary

5.1 Partnerships Overall

Partner Name	Contact Name	Contact Info
Ron Kerr	Ron Kerr	613-267-7294
Leeds and Grenville S.C.	Donna O'Connor	613-812-5826
Murphy's Point Provincial Park	Tobi Kiesewalter	613-267-5060
Otty Lake Association	Karen Hunt	mkhunt@ripnet.com
Centre for Sustainable Watersheds	Barb King	613-929-1991
Rideau Valley Conservation Authority	Sarah Macloed	613-692-3571
Catarqui Trail	Pat McNamee	613-546-7773
Mississippi Valley Conservation Authority	Craig Cunningham	613-259-2421 x229
Lanark Fish and Game Club	Wendel Crosby	613-259-3450
White Lake Fish Hatchery	Tim Drew	613-335-2115 x223

Total Number of Partners: _10_____

5.2 Aboriginal Partnerships

Name of First Nations Community / Organization	Contact Name	Contact Info

Total Number of Aboriginal Partners: 0

5.3 Partnerships Recommended for 2013

Recommendations for new partnerships next year

Partner	Location	Details	Contact Info
Leeds and Grenville S.C.	Donna O'Connor	More fencing is still needed on Leeds Community Pasture	613-812-5826
Murphy's Point Provincial Park	Tobi Kiesewalter	Trail clearing can be completed yearly	613-267-5060
Centre for Sustainable Watersheds	Barb King	Rehabilitation projects possible.	613-929-1991
Rideau Valley Conservation Authority	Sarah Macloed	Conservation projects possible.	613-692-3571
Cataraqui Trail	Pat McNamee	Trail maintenance can be completed yearly	613-546-7773
Mississippi Valley Conservation Authority	Craig Cunningham	Trail maintenance on the Baird trail can be completed yearly.	613-259-2421 x229
Lanark Fish and Game Club	Wendel Crosby	Periodic wildlife habitat projects are funded.	
White Lake Fish Hatchery	Tim Drew	Fish ponds can be cleaned yearly.	613-335-2115 x223

6.0 Education Summary

6.1 Education Overall

Description of Activity	Location	Person Days (# days x 5 people)
Health and Safety Training	Kemptville MNR	5
First Aid Training	Kemptville MNR	5
Purden Conservation Area	Watson's Corners	2.5
Bear Training	Kemptville MNR	5
Murphy's Point Silver Queen Mine Tour	Murphy's Point Provincial Park	2.5
ORKA Canoe Training	Foley Mountain CA	5
Museum of Nature	Ottawa	5
Tour of Tatlock Quarry and Plant	Tatlock/Perth	5
Seine Netting in the Tay River	Perth	5
Seeing Wonders of Lanark County	Lanark County	2.5
Forestry Day	Lanark County	5

6.2 Percentage of Time Spent On Education

A. Total # Person Days Spent On Education <i>(from above)</i>	47.5
B. Total # Person Days Spent On Projects <i>(from Section 4.1)</i>	+ 140
C. Total # Person Days For Entire Program $(A + B)^*$	=187.5
D. Total Percentage of Time Spent on Education $(A \div C)^{**}$	= 34%

6.3 Ecological Sustainability for Youth (ESY) Education

	Mod. 1 (Yes/No)	Mod. 2 (Yes/No)	Mod. 10 (Yes/No)	Other(s) <i>(specify #)</i>
ESY Modules Completed	<i>no</i>	<i>no</i>	<i>no</i>	

6.4 Education Recommended for 2013

Title	Description	Location	Contact
Museum of Nature	learning about wildlife and geology of Canada by viewing exhibits and displays	Ottawa	www.nature.ca
Seine Netting	learn how to set a seine net and handle/identify local fish	Tay River or other local water body	Area Biologist in Kemptville
Tour of Tatlock Quarry	Tour of Tatlock Quarry and Plant. Learn about how the local resource is extracted and how the resource is used.	Tatlock and Perth	Drew Lampman 613-267-5367 x283 drew.lampman@omya.com
ORKA Canoe Training	Basic Canoeing Level 2 is designed to introduce the novice or relatively inexperienced canoeist to paddling. The emphasis is on mastering the fundamentals of canoeing along with a strong grounding in water safety and safe canoeing practices.	Foley Mountain Conservation Area	Barry Irish birish@cogeco.ca 613-634-4177
Murphy's Point Provincial Park	Tour of the Silver Queen Mine in Murphy's Point Provincial Park where you learn about mining and resource use in Lanark County	Murphy's Point Provincial Park	Tobi Kiesewalter tobi.kiesewalter@ontario.ca 613-267-5060
Forestry Day	Tour of different types of forests in Lanark County and how to identify local trees. Learn about how forests are managed and monitoring techniques.	Public forests in Lanark County	Jeff Ward jeff.ward@ontario.ca 613-267-4200 x 3401

7.0 Injuries & Incidents

7.1 Injury Summary

Purpose: To collect data concerning injuries within the Ontario Stewardship Ranger Program and to address the injuries in an effort to reduce and prevent their occurrence in the future.

Injury		Cause			Treatment		Result	
Type of Injury	Work Related*	Recreation Related**	Other Cause (specify)***	Detailed Explanation	First Aid Req'd	Medical Aid Req'd****	Time Lost (in days)	Employee Terminated
Tick bite	X			Bit by a tick while working in a forested area	X	X	0	
Poison ivy	X			Brushed up to poison ivy while clearing a trail	X		0	
Poison ivy	X			Brushed up to poison ivy while clearing a trail			0	

*Injury occurred during work hours for the purposes of doing work for employer

**Injury occurred during recreation that was supervised and/or approved by employer (e.g. while camping)

***An injury that does not fall into the other two categories

****Medical treatment sought and WSIB Form completed

7.2 Recommendations for Avoiding Such Injuries

Type of Injury	Recommendation
Tick Bite	Continue to ensure that rangers wear long pants and shirts and apply bug spray with DEET when working in areas that could have ticks. Teach them how to check for ticks and remind them to do it each night when they get home.
Poison Ivy	Teach the rangers how to identify poison ivy and point it out every time you see it. Remind them to not touch the bottoms of their work boots or tools after working in areas that could have poison ivy.

7.3 Incidents Summary

Purpose: To collect data on incidents within the Ontario Stewardship Ranger Program in order to address any concerns in an effort to reduce and prevent incident occurrence in the future. Incidents include any occurrence or action adversely affecting routine operations of

the work site or resulting in the dismissal of an Ontario Stewardship Ranger (e.g. vehicle accidents, behaviour problems with rangers, problems with partners, etc.)

Incident Type	Detailed Description	Location	Date
n/a	n/a	n/a	n/a

8.0 Media Coverage

Have all Stewardship Rangers signed media release forms? Yes X___ No ___

IF not, please provide the names of those who haven't: _____

Pitch	Staff Lead	Publication	Date	Reporter	Headline and Lead

9.0 Final Program Evaluation Summary

9.1 Likes, Dislikes & Recommendations

Top Five things the Rangers enjoyed MOST about your summer:

1. Netting fish
2. Learning how to build a fence
3. Meeting new people
4. Getting to work in a variety of places
5. Going to the Museum of Nature

Top Five things the Rangers enjoyed LEAST about your summer:

1. Cleaning out the block culvert
2. Bugs
3. Prickly Ash
4. Working in the same place for 8 day
5. Early start times

Ranger recommendations to make this program better:

1.
2.
3.
4.
5.

10.0 Memorable Quotes (Rangers, Team Leads, or Partners commenting on program or experiences)

Team Lead/ Ranger/ Partner	Full Name	Quote
Ranger	Shelby Featherston	"I learned many new useful skills, met some very interesting people, and enjoyed my summer as a ranger."
Ranger	Brock Hendry	"I learned many projects that MNR does on a daily basis and I am more considerate/knowledgeable of wildlife habitat."
Ranger	Natalie Pollock	"I learned so many things about natural resources this summer in detail and I also gained independent working skills when given certain tasks."
Partner	Karen Hunt	<p>"On behalf of the Otty Lake Association's 2012 BioBlitz Planning Committee, I would like to thank you again for your participation in and contributions to the 2012 Otty Lake BioBlitz. It was a great coming together of members of our community and many scientific experts and knowledgeable people - all superbly supported by a number of our community partner organizations.</p> <p>Thanks to your tremendous sharing and teaching, it was an excellent opportunity for members of our Otty Lake community to learn more about some of the flora and fauna with whom they share the Otty Lake watershed area."</p>

11.0 Best Practices & Recommendations

11.1 Best Practices

Category	Best Practice
Administration	Have Daily Project Report sheets printed off ahead of time so they can be filled out every morning before you leave for the day's project. This will make your final report easier as you will have a detailed account of the daily activities.
Aboriginal Communities	
Communications	
Education	Have several museum/indoor activities ready in case of poor weather.
	Keep field guides in the truck to look up any species you don't know.
Health & Safety	Have a health and safety binder in the truck with all require documents
Partnerships	Contact partners several days before the project to confirm.
Recreation	Get the students to keep their bathing suits in their bag so you can go for a swim after a hot day of work.
Work	Take lots of water breaks!
	Encourage rangers to take a leadership role. Consider allowing each of them to be in charge of one day's tailgate talk.

11.2 Recommendations

Category	Recommendation
Administration	Have a table of common hazards to make daily HIRAs quicker.
Aboriginal Communities	Give suggestions and information about how to initiate aboriginal contacts.
Communications	Make a toolkit to allow leads to easily set up media opportunities including possible options and contact information.
Education	Encourage more education to be incorporated within the work.
Health & Safety	Have copies of the accident reporting forms in the orientation binder so they can be photocopied and ready for the summer.
Partnerships	
Recreation	
Work	

APPENDICES

Appendix A	Operational Expenses (ODOE)
Appendix B	Program Events Calendar
Appendix C	Minimum Top Five Project / Recreational Photos

Appendix A Operational Expenses (ODOE)

2012 OSR EXPENSES

Team Name: Lanark County Ranger Crew
Team Lead Name: Emily Verhoek

TRAVEL *(incl. field lunches, TL travel to Sudbury for training, parking, mileage)*

Date	Amount	Description
12-Jun-12	\$47	windshield wipers
26-Jun-12	\$106	truck servicing
26-07-12	\$12	parking at museum
	\$154	bush lunches for team lead
Total:	\$319	

TOOLS & EQUIPMENT (including Photography expenses)

Date	Amount	Description
23-08-12	\$ 40	photo prints for photo albums
05-07-12	\$8	ice packs
05-07-12	\$90	safety glasses
05-07-12	\$60	sunscreen/bug spray
Total:	\$198	

OTHER (Training, Final BBQ)

Date	Amount	Description
26-07-12	\$92	museum of nature
23-08-12	\$103.54	food for final BBQ
19-07-12	\$245	canoe training
23-08-12	\$ 402.46	Sweatshirts
23-08-12	\$44.77	Photo albums & frames
31-08-12	\$59.80	Work day refreshments
Total:	\$945.57	

GAS

Date	Amount	Description
18-06-12	\$28.72	24.5L fuel
22-Jun-12	\$53.22	43.23 L fuel
26-Jun-12	\$44.57	38.45 L fuel
6-Jul-12	\$65.22	55.3 L fuel
12-Jul-12	\$37.80	32.44 L fuel
26-Jul-12	\$95.04	77.9 L fuel
3-Aug-12	\$140.34	117 L fuel
17-Aug-12	\$73.90	73.9 L fuel
23-Aug-12	\$41.81	41.81 L fuel
TOTAL:	\$580.62	

Truck Lease

Cost per Month	\$
# of Months	#
Total Cost	\$

Total Expenses

Travel	\$319
Tools & Equipment	\$198
Gas	\$580.62
Truck	\$0.00
Other	\$945.57
Total	\$2,043.19

Appendix B Program Events Calendar

July 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2 CANADA DAY HOLIDAY	3 RANGERS START KV- Health and Safety @ 9:30	4 KV- Health and Safety @ 8:15	5 KV- First aid @ 8:30	6 TIMESHEET Jane's to pick up equipment Purden C...	7
8	9 Build Fence with Ron Kerr in Fallbrook @ 9:15	10 Build Fence with Ron Kerr in Fallbrook @ 9:15	11 Build Fence with Donna O'Connor in Athens @ 9:30	12 Bear Training in KV @ 10:30- 1:30	13 Build Fence with Donna O'Connor in Athens @ 8:00	14
15	16 Murphy's Point with Toby @ 9:00	17 BIOBLITZ Otty Lake	18 BIOBLITZ Otty Lake	19 Canoe Course	20 TIMESHEET Build Fence with Ron Kerr in Fallbrook @ 9:15	21
22	23 Build Fence with Donna O'Connor in Athens @ 8:00	24 Build Fence with Donna O'Connor in Athens @ 8:00	25 O'Brian Lake Frogbit removal with @ Barb King's	26 Baird Trail	27 Build Fence with Donna O'Connor in Athens @ 8:00	28
29	30 Build Fence with Donna O'Connor in Athens @ 8:00 Ranger Evluations	31 Tour of Tatlock Quarry with Drew Lampman @9:30	1 Chaffey's Locks with Pat McName @ 10:00	2 Chaffey's Locks with Pat McName @ 10:00	3 Chaffey's Locks with Pat McName @ 10:00	4

August 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
29	30 Build Fence with Donna O'Connor in Athens @ 8:00 Ranger F. ...	31 Tour of Tatlock Quarry with Drew Lampman @9:30	1 Chaffey's Locks with Pat McName @ 10:00	2 Chaffey's Locks with Pat McName @ 10:00	3 TIMESHEET Chaffey's Locks with Pat McName @ 10:00	4
5	6 CIVIC HOLIDAY	7 Build Fence with Donna O'Connor in Athens @ 8:00	8 Build Fence with Donna O'Connor in Athens @ 8:00	9 Seine Netting with Scott Smithers on the Tay River	10 Build Fence with Donna O'Connor in Athens @ 9:30	11
12	13 Baird Trail	14 Forestry Day and Assessment with Jeff	15 Setup for Spawning Bed Wonders of Lanark County T...	16 Walleye Spawning Bed in Innisville with Wendell Crosby	17 TIMESHEET Walleye Spawning Bed in Innisville with Wendell Crosby	18
19	20 White Lake Fish Hatchery @ 9:30	21 White Lake Fish Hatchery @ 9:30	22 Baird Trail Fix Boardwalk	23 Equipment and vehicle cleanup	24 TIMESHEET (R) LAST DAY	25
26	27	28	29	30	31 TIMESHEET	

Appendix C

Minimum Top Five Project / Recreational Photos

