



PHAI MO staff helping to 'Keep the County Clean'

We're part of the community too

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The proceeds from the office's 50/50 draw are donated to local charities on a regular basis. Recent recipients include the Northumberland United Way and Zac Andrus' initiative to bring barrier-free facilities to the Jack Burger Sports Complex. Every year, the PHAI MO

supports the Salvation Army Community and Family Services "Adopt a Family" program, which provides Christmas hampers for local families. This past Christmas, PHAI MO staff donated enough funds to purchase presents for two Port Hope families.

Project Information Exchange and Property Value Protection Program

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Port Hope Area Initiative
Summer 2011

News



Moving the Port Hope Project forward

Local contractor building new access road

Construction is underway to build a new access road to the future Port Hope Long-Term Waste Management

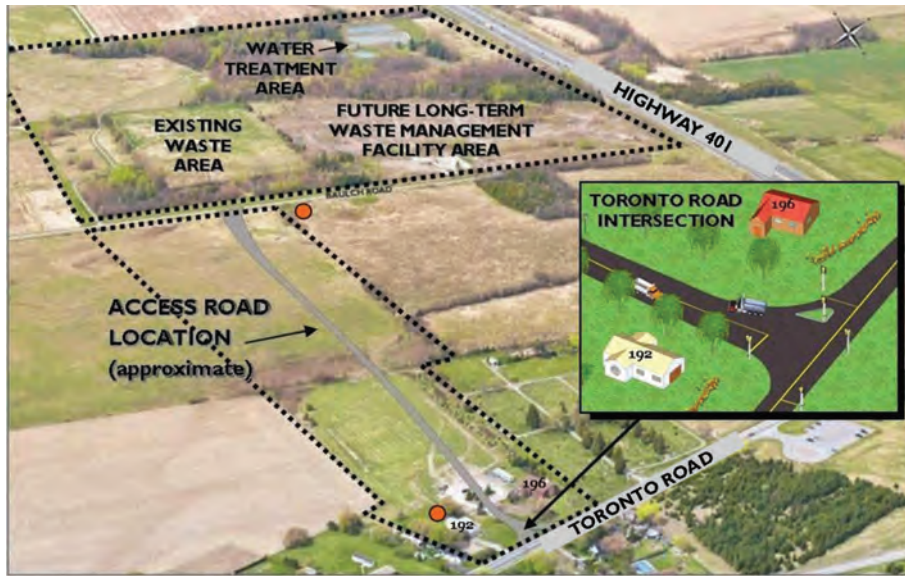
Facility (LTWMF). Local contractor, Behan Construction, started the job in May and – after a wet spring beginning – is now on track to complete the four-month project, on schedule, in September.

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"This contract will result in an 800-metre long, two-lane, paved road for the exclusive use of project vehicles," said Glenn Case, manager of project engineering with the Port Hope Area Initiative Management Office (PHAI MO). "It will also include a signalized intersection at Toronto Road and a landscaped berm to

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***** Government of Canada land boundaries ● Fixed high-volume air sampler locations

Aerial view of the Access Road route

Moving the Port Hope Project forward

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create a noise and visual barrier for those residing to the south.”

With a separate access road, trucks bringing waste to the LTWMF, from any of the three designated transportation routes, will avoid Marsh Road and Baulch Road – reducing the project impact on those residents living closest to the site.

“The construction of this new road demonstrates our commitment – made during the EA study – to safe transportation and reducing the impact of truck traffic on community residents,” said Case.

Construction of the access road was made possible by federal funding announced by the Minister of Natural Resources Canada in Port

Hope in February 2011. During Phase 2 – the construction and remediation phase of the Port Hope Project – some 85,000 trucks will travel in and out of the LTWMF via the access road. Phase 2 is expected to be approved for implementation in late 2011.

On-site air quality and weather monitoring

Throughout the construction of the access road, environmental technicians from the PHAI MO are monitoring air quality – using fixed air sampling stations (see map) and hand-held instruments to measure particulate (dust) levels in the air. Since the access road project does not involve the movement of contaminated soils, no radiological monitoring is required.



Air quality readings are taken and reported daily from various locations on the construction site

Readings taken with hand-held instruments give spot measurements of dust and enable mitigation actions to be taken, if necessary. This supports the PHAI MO’s commitment to look for early indications of potential air quality issues, and to deal with them long before there is any risk of

approaching the regulatory limits. The authority for dust and particulate measures on the access road is the Ontario Ministry of the Environment.

Results from the daily dust monitoring are posted on the project website at www.phai.ca.



Fixed high-volume air samplers monitor air quality continuously

Monitoring health and the environment

Environmental monitoring program refreshes the data used to measure project effects



Collecting and analyzing surface water samples from the lake, creeks and rivers



Monitoring air quality with high-volume air and radon samplers

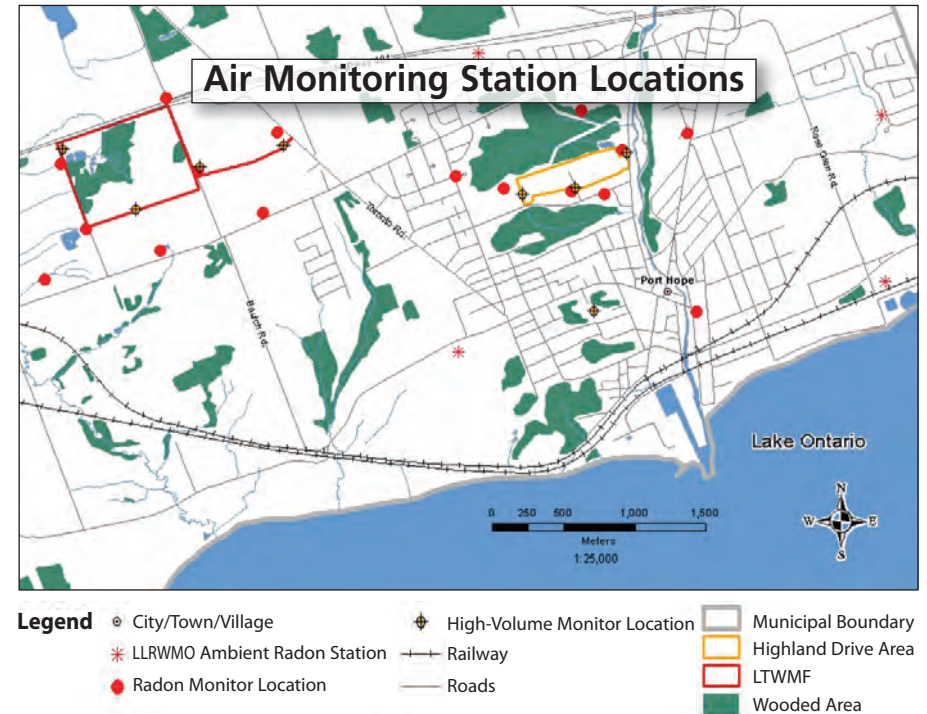
Over the past year, the PHAI MO staff has been carefully monitoring the environment in and around Port Hope to update the baseline data that describes the current state of the natural and socio-economic environments.

“Having an up-to-date snapshot of conditions, prior to the start of the project, allows more accurate measurement of the actual impacts once the remediation is underway,” said Laura Barzelatto, EA follow-up coordinator.

The data used to predict project effects was gathered a few years ago and subjected to detailed scientific assessment and review. That work

culminated with the 2007 Screening Report decision, by federal authorities, that the Port Hope Project was unlikely to cause significant project effects with mitigation actions taken into consideration.

- **air monitoring** at eight high-volume air monitoring locations and 16 radon monitoring locations (see map);
- **groundwater monitoring** at more than 35 groundwater wells;
- **surface water monitoring** at five surface water and sediment monitoring stations;
- **water level monitoring** in creeks and rivers;



- **weather monitoring** through continuous weather station data collection; and
- **noise monitoring** in a wide variety of residential and commercial areas.

Also now underway in the community are business and tourism surveys, as well as odour studies. The results of these efforts – together with the ongoing traffic counts, property value tracking and polls of resident’s communication preferences – provide the PHAI MO with a good picture of the pre-remediation, socio-economic environment.

Results of the monitoring activities will be published in an annual report that will be made available in the Project Information Exchange at 115 Toronto Road in Port Hope.



Noise monitoring in residential and commercial areas

Down to the last detail

Project designs and specs now 100 per cent complete

For more than a year, Port Hope Project engineers have been developing the project 'blueprints' – more than 1,500 detailed design drawings that delineate every aspect of each major site, the cleanup work required, and what each site will look like when the work is complete.

Accompanying these drawings are more than 10,000 pages of specifications (specs) outlining the technical rules and regulations that must be met for each site. These specs include all applicable federal, provincial and municipal standards, codes and permits – plus applicable guidelines from other authorities including the Ganaraska Region Conservation Authority, the Canadian Wildlife Service, Environment Canada and Transport Canada.

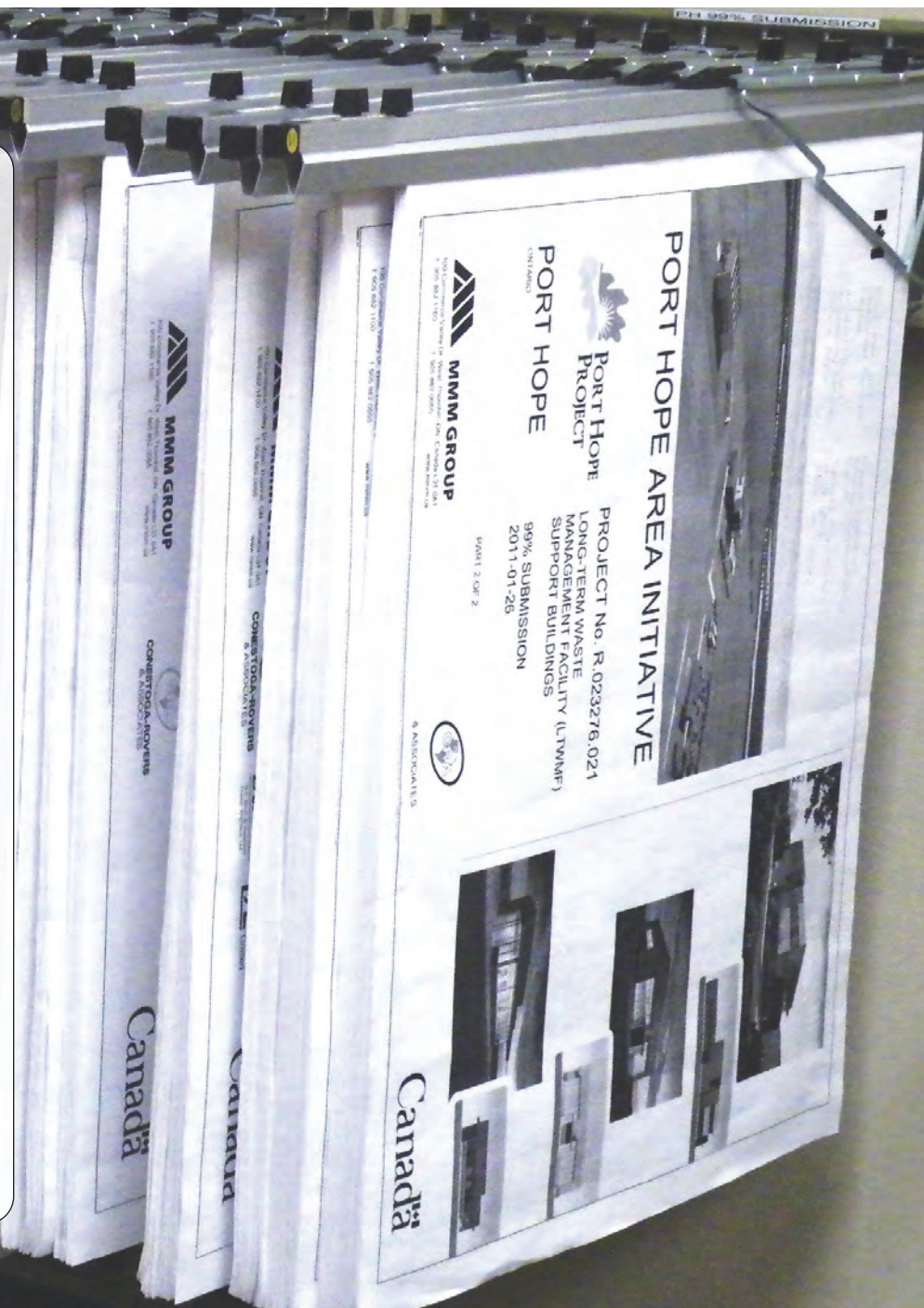
All of the detailed design drawings and specs have been subjected to rigorous review by subject-matter experts from Public Works Government Services Canada,



John Benson, senior project specialist and Glenn Case, manager of project engineering, review the detailed designs

Atomic Energy of Canada Limited and the Port Hope Municipal Peer Review team.

The design and construction documents are being finalized this summer. Once the authorizations for Phase 2 are in place, contracts will be tendered through the MERX system – the federal government's electronic tendering service (www.merx.com).



More than 300 detailed design drawings have undergone review and comment by subject-matter experts

Talking PVP

Educating property owners and real estate professionals a top priority



Christine Fahey, PHAI MO project director, provided the audience a project overview

As many as 60 residents and visitors – including many buyers and sellers – visit the PHAI’s Project Information Exchange every month to learn about the Port Hope Project and how the Property Value Protection (PVP) Program works.

The PVP Program is designed to protect sellers if they realize a loss on sale as a direct result of the clean-up project. Property owners in urban (Ward 1) Port Hope and parts of Ward 2 could qualify for compensation if they lose money on the sale of their home because of the activities of the Project. Since its inception almost 10 years ago, more

than \$1.5 million in compensation has been paid to some 30 claimants.

“The PVP program – as conceived in the legal agreement that created the PHAI – is working as it was intended,” said Christine Fahey, PHAI project director. “Our team of PVP specialists will continue to work hard to make Port Hope area residents and other important stakeholders – such as area real estate professionals – aware of the requirements for the program and to provide assistance to anyone needing help with the claim process.”

This spring, the PHAI MO presented a half-day seminar, entitled “What you

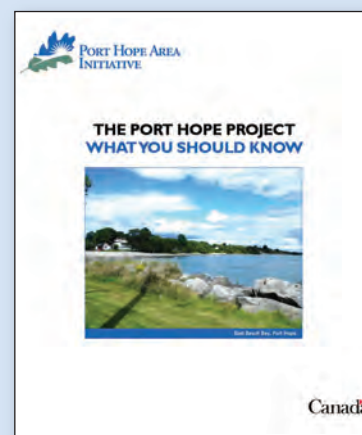
should know,” for more than 90 local real estate, appraisal and mortgage specialists. Sessions included an overview of the clean-up project and plans for the future by the project director; a detailed presentation on the PVP program and its qualifying criteria by Judy Herod, stakeholder relations officer; and supportive comments from Port Hope’s mayor, Linda Thompson, and the president of the Northumberland Hills Association of Realtors, Gord See.

“I have received positive feedback from many of my colleagues who found the session extremely thorough and informative,” said See. “The PHAI team did a very good job of getting the information across.”



Gord See, President, Northumberland Hills Association of Realtors speaks at the half-day PVP seminar

If you live in Port Hope, you should know about the Port Hope Project



Pick up your copy of this comprehensive new brochure at the Port Hope Area Initiative Project Information Exchange, 115 Toronto Road, Port Hope

Staff members are available every weekday from 9 am to 5 pm to provide information and answer your questions.

To receive your brochure by mail, please call 905-885-0291 or email info@phai.ca

A job well done

Property selected for trial remediation fully restored



Trial remediation property, December 2010

In June, a professional landscaping crew put the finishing touches on the restoration of a King Street property that had been the focus of a pilot project to demonstrate new procedures and approaches for the remediation of small-scale sites.

The work to remove contaminated soils from the property was completed last fall under the watchful eye of the Canadian Nuclear Safety Commission and with the return of good weather, this latest effort allowed the yard and gardens to be re-instated to their pre-project condition. A new retaining wall, deck, stairs, shed and patio have been installed and special site features that



Trial remediation property, June 2011

it was necessary to remove for the remediation— including specific plants and trees, statuary and a small pond – have all been replaced to the satisfaction of the homeowner.

A Citizen's Observer Group, chaired by resident Jack Goering, was involved in the trial project from its planning stages through to its completion. He called the restoration “a job well done” – praising the “beautiful garden shed” and a “very good pond.”

Lessons learned from the trial resurvey and restoration will assist the PHAI MO when it undertakes the full resurvey of 4,500 properties as part of Phase 2 project work.

We're part of the community too

For the nearly 50 members of the PHAI MO who live, work and play in the Municipality of Port Hope and surrounding areas, being involved and visibly supportive of the community's many events and initiatives – especially those improving safety and protecting the environment – is part of the job.

“We're part of the community too,” said Mark Giles, manager of stakeholder relations and communications. “Whether it's Canada Day, the Port Hope Fall Fair or fire safety programs for youth, we want to have a community

footprint – getting to know area residents, while building positive relationships and encouraging two-way communication.”

In April, an enthusiastic team of employees took up the “County of Northumberland's Annual Mayors' Keep the County Clean Challenge” – collecting garbage near the Toronto Road office. The PHAI MO also participated in the Canada Day Parade and lent its support to the Port Hope Fire Department's Inflatable Fire House, an educational program developed to teach children about fire safety. *continues back page*



The PHAI MO is a proud sponsor of Port Hope Fire Department's Fire Safety House



PHAI MO staff join Port Hope Lions in the 2011 Port Hope Canada Day parade