

Report EMSR-TAPS-13-14

To: Chair Milne and Members of the Transportation and Public Safety Committee

From: Wendy Bieman, Quality Assurance Manager and Public Access Defibrillation Coordinator

Meeting Date: May 22, 2014

Subject: To provide an update and options for sustainability in regards to the Grey County Public Access Defibrillation program. (PAD)

Status: Recommendation adopted by Committee as amended per Resolution TAPS67-14 May 22, 2014; Endorsed by Council June 3, 2014 per Resolution CC73-14;

Recommendation

WHEREAS the Grey County Public Access Defibrillation (PAD) program is approaching a replacement cycle for many sites and options for program sustainability are being explored;

NOW THEREFORE BE IT RESOLVED THAT Report EMSR-TAPS- 13-14 be received for information;

Background

The Grey County Public Access Defibrillation (PAD) program has been in place since 2007 and now has 122 units located throughout the county in both public and private buildings. The County has automatic external defibrillators (AEDs) in all public and separate high schools, several primary public schools, every community centre, recreation facility and arena in Grey County. Personnel at all sites have received AED and CPR training after the placement of their AED unit. Grey County Paramedic Services continues to play a supportive role to the current AED sites and advocate for future schools, legions, curling clubs, and other recreational sites to obtain an AED.

Grey County PAD has recently completed round 6 of the Ontario Defibrillator Access Initiative (ODAI) where 8 AED's were received. Also this year, 20 units were received

from the national AED hockey program which replaced units more than 5 years old and placed AED's in any hockey arenas within Ontario that did not have an AED. The only requirement for the arenas to obtain the AED was that 10 local citizens/staff needed to be trained in CPR/AED awareness.

Grey County PAD has also provided educational support for all AED sites which includes AED reviews and educational material on our website. The County also aids in scheduling cardiopulmonary resuscitation (CPR) certifications and re-certifications as well as mass CPR events held within the County. The program has hosted two mass CPR events in conjunction with the Heart and Stroke Foundation.

In addition, Grey County PAD will go to sites and download all information on the AED after use on a patient and deliver that information to the appropriate medical authorities. Grey County PAD will also assist with troubleshooting for sites that have any issues with their AED, cabinets or alarms. This service to date has been provided at no cost to the sites.

Options for Sustainability

Currently Grey County PAD does not have a dedicated program coordinator but utilizes the resources from Paramedic Services staff. With the growth of the PAD program and the focus AED's are now given both provincially and nationally this program is expected to continue steady growth in the future. Many Paramedic Services in Ontario have included a dedicated PAD program staff member to meet the need and sustain the program, as well as providing public education and helping with healthy communities, health fair education, mass CPR events and general public service education activities. Such positions are either full or part time roles depending on the County/Region size.

Most PAD programs do not pay for the consumables such as defibrillator pad replacement, battery replacement, or repairs as this is each site's responsibility. ZOLL Medical has now told us that biomedical testing does not need to be completed on their units as it is just a recommendation for old units being refurbished to ensure they are in good working order. Each site should budget for approx. \$150.00 per year to purchase consumables; for sites with multiple AED's this cost is further reduced with large volume order discounts.

The Simcoe County PAD program has 1 full time coordinator with approximately 600 AED units in the County; some of these units are in a single site. Each site has an annual fee of \$300.00 per year to cover the cost of administrative support, one training session per year (per site, not per unit), a tracking program to manage expiry dates of materials with reminders to the sites, troubleshooting help, downloading of data, debriefing for sites as required, and a courtesy unit program for use if a site's unit

requires repair. Much of this program is run with money recovered from the Heart and Stroke Foundation when donated AED's are implemented and the annual fee from sites.

The Grey County PAD manages close to 120 units and with some donation rounds providing 20-40 units per round this number could grow quickly. Consideration of a casual or part time PAD program coordinator would be prudent. Currently there is hesitation to accept new units through Heart and Stroke donation programs as the program is expanding beyond the available staffing capacity currently allocated to this program by the department (The program is overseen by the EMS Quality Assurance Manager). The Grey County Paramedic Services Scheduler position has designated hours per week for PAD program work and this has been helpful in meeting the needs of the current program size. Expected future growth of the program, however, will be a challenge to support with the current staffing allocation.

With the recent arena donations to replace units over 5 years old we have been able to supply the PAD program with a service loaner for any site that may need their unit to go in for repair. This has been gained at no charge to the program. With training monies from the Heart and Stroke Foundation the program has had sites trained and now can boast 200 citizens trained in CPR just in the last round alone. This is quite an accomplishment. To date this program has provided CPR training to approximately 1300 citizens with the County of Grey.

A current list of all AED sites both private and public is included at the end of this report.

Financial / Staffing / Legal / Information Technology

Considerations

To complete all needed administrative, support, site visits and oversight, consideration should be given to the appropriateness of creating a casual position of 2 days per week (7 hours/day) to sustain the growth within the PAD program. This position could oversee PAD related business as well as support the community with public education and CPR training and awareness. This position could also serve as the County's go to trainer for first aid, CPR and other training currently contracted out by departments at this time. This position would be support for all departments of the County in regards to mandatory first Aid and CPR training and would save in costs of delivering the training for many areas of the County of Grey. With program expansion the lack of available hours to dedicate to this program will stunt growth and the Grey County PAD program will suffer. The program will need to consider a dedicated coordinator to ensure growth and quality.

Grey County PAD program also has a website and public email address within the County of Grey's home page for the public to access and gain information on AED's and the County program. This site also has support and information for current sites to read and download if they require any forms, check sheets or information about the AED's. Each site has signed an agreement with Grey County to ensure all legal and liability issues are covered.

For more information on the Grey County Public Access Defibrillation (PAD) please contact: greycountypad@grey.ca

Currently, the Grey County PAD program has received funding through donations from Heart and Stroke Ontario as well as privately purchased units. The Heart and Stroke Foundation will refund money for training and consumables to a predetermined amount for each AED allotted to Grey County. This cost recovery process requires that a minimum of 10 citizens per site are trained in CPR and use of the AED. The cost of administrative support to the sites is not recovered.

To date Grey County PAD has been involved in 3 saves which directly involved an AED placed in a facility within the County of Grey. Many of these units have been utilized on Grey County citizens in attempts to save a life. The program is currently strong and functioning to meet needs but is struggling with maintaining the current service level due to lack of staff hours available.

Link to Strategic Goals / Priorities

Goal 2 - Enabling Healthy and Resilient Communities

The Public Access Defibrillation program fully encompasses the above goal as both residents and visitors to Grey County will be better served under the direst of circumstances.

Respectfully submitted by,

Wendy Bieman

Quality Assurance Manager and Public Access Defibrillation Coordinator,

Director Sign Off: *Miké Muir, Director, Grey County Paramedic Services*

Grey County Public Access Defibrillator Site List

Facility	Year of AED Installation
H&P Centre - Pool	2006
Dundalk Arena	2006
Bayshore Community Centre (3 units)	2007
Owen Sound Regional Rec Centre 2 units	2007
Ayton Arena 2 units	2007
Neustadt Arena 2 units	2007
Durham Arena 2 units	2007
Grey Roots Museum & Archives	2007
Owen Sound Family Y	2007
Flesherton Arena	2007
Hanover Family Centre	2007
Durham Fitness Center	2007
Grey County Admin Building	2007
Markdale Arena 2 units	2007
Shallow Lake Community Centre	2007
Kilsyth Arena	2007
Osprey Arena	2007
Euphrasia Memorial Hall 2 units	2007
Maxwell Community Hall	2007
Stodthart Hall	2007
Kimberley Hall	2007
Flesherton Kinplex	2007
Meaford Arena	2007
Meaford Hall	2007
Woodford Hall	2007
Meaford Curling Club	2007
Kemble Arena	2007

Facility	Year of AED Installation
Public Offences Building	2007
Chatsworth Arena	2007
Williamsford Community Center	2007
Keady Arena	2007
Thornbury Harbour	2007
Beaver Valley Community Centre	2007
Town Of Blue Mountains Admin office	2007
L.E. Shore Library	2007
Flesherton Legion	2007
St. Georges Anglican Church	2007
Dundalk Proton Community School	2007
Highpoint community School	2007
Desboro Arena	2008
Flesherton Family Practice	2008
Markdale Heath Clinic	2008
Faith Lutheran Church	2008
Owen Sound & North Grey Public Library	2008
Grey Bruce Health Unit	2008
Clarksburg Legion	2008
H&P Centre	2009
Hanover Civic Centre	2009
Hanover Civic Centre – Fire Dept.	2009
Participation Lodge	2009
Neustadt Community Centre	2010
Durham Community Centre	2010
Transcontinental RBW Graphics	2010
Plunge Aquatic Centre	2010
Lutherranch	2010

Facility	Year of AED Installation
Hillcrest Community School	2010
Beaver Valley Community School	2010
Hanover Heights Community School	2010
Scenic Caves	2010
Silent Valley Park	2011
First Christian Reform Church	2011
Craigleith Ski Club	2011
Bayshore Community Centre 2 nd unit	2011

Facility	Year of AED Installation
Bluewater Curling Club	2012
Durham Curling Club	2012
Meaford Public Library	2012
Blue Dolphin Pool	2012
Southgate Public Library	2012
Southgate Municipal Office	2012
Southgate Senior's Centre	2012
Optimist Club of Egremont Township	2012
Regional Recreation Centre 2 nd unit	2012
Harrison Park	2012
Kiwanis Soccer Complex	2012
Owen Sound YMCA 2 nd Unit	2012
Hanover Public Library	2012
P&H Centre 2 nd Unit	2012
Flesherton Public Library	2012
Walter Harris Memorial Library	2012
Grey Highlands Municipal Office	2012
West Grey Municipal Office	2012
West Grey Public Library	2012
Durham Town Hall	2012
Centennial Hall	2012
Alexandra Community School	2012
Beavercrest Community School	2012
Derby Public School	2012
Dufferin Elementary School	2012
Egremont Community School	2012
Holland-Chatsworth Central School	2012
MacPhail Memorial Elementary School	2012
Meaford Community School	2012

Facility	Year of AED Installation
Normanby Community School	2012
Osprey Community School	2012
Spruce Ridge Community School	2012
Sullivan Community School	2012
Sydenham Community School	2012
Bruce Grey Catholic School Board	2012
Holy Family School	2012
Notre Dame Catholic School	2012
St. Basil's School	2012
St. Peter & St. Paul School	2012
Abbeyfield House of Durham	2013

Roxy Theatre	2014
Chatsworth Legion	2014
Feversham Museum	2014
South Grey Museum Flesherton	2014
Dundalk Pool	2014
Chatsworth Township Office	2014
Billy Bishop Regional Airport	2014
Golden Mile Club Chatsworth	2014
Neustadt Library	2014
St. Georges Anglican Church (2 units)	2014
Walter's Falls community Centre	2014