



**City of Hamilton**  
**EMERGENCY & COMMUNITY SERVICES COMMITTEE**

**Meeting #:** 19-005  
**Date:** May 16, 2019  
**Time:** 1:30 p.m.  
**Location:** Council Chambers, Hamilton City Hall  
71 Main Street West

Tamara Bates, Legislative Coordinator (905) 546-2424 ext. 4102

---

1. **CEREMONIAL ACTIVITIES**
2. **APPROVAL OF AGENDA**  
(Added Items, if applicable, will be noted with \*)
3. **DECLARATIONS OF INTEREST**
4. **APPROVAL OF MINUTES OF PREVIOUS MEETING**
  - 4.1 May 2, 2019
5. **COMMUNICATIONS**
  - 5.1 Correspondence respecting Curling Facilities in Hamilton
    - 5.1.a Correspondence from Brad Hoad and Dave Serwatak
    - 5.1.b Correspondence from the Ontario Curling Association

**6. DELEGATION REQUESTS**

6.1 Angela Pugliese,

respecting our youth with developmental disabilities turning 18, being discharged and cut from services and funding from our Province, requesting for the City of Hamilton's Support, in Noah and Gregory's Bill "Insuring that supports continue with no gap in services upon a child's 18<sup>th</sup> birthday" (for a future meeting)

**7. CONSENT ITEMS**

7.1 Seniors Advisory Committee Minutes - March 1, 2019

**8. PUBLIC HEARINGS / DELEGATIONS**

**9. STAFF PRESENTATIONS**

**10. DISCUSSION ITEMS**

10.1 Requirements for a First Nation Host Community (HSC19024) (City Wide)

10.2 Intraosseous Needle Replacement (HSC19025) (City Wide)

**11. MOTIONS**

**12. NOTICES OF MOTION**

**13. GENERAL INFORMATION / OTHER BUSINESS**

**14. PRIVATE AND CONFIDENTIAL**

**15. ADJOURNMENT**



## **EMERGENCY & COMMUNITY SERVICES COMMITTEE MINUTES 19-003**

1:30 p.m.  
Thursday, May 2, 2019  
Council Chambers  
Hamilton City Hall  
71 Main Street West

---

**Present:** Councillors S. Merulla (Chair), E. Pauls (Vice-Chair), B. Clark, T. Jackson, N. Nann, and T. Whitehead

---

### **THE FOLLOWING ITEMS WERE REFERRED TO COUNCIL FOR CONSIDERATION:**

- 1. Request that the City of Hamilton Appeal to the Provincial Government to Pause the Plan to Change the Ontario Autism Program to Allow for Further Consultation (Item 8.3)**

**(Jackson/Nann)**

That the City of Hamilton request the Government of Ontario:

- (a) To maintain the Autism funding at its current levels and models;
- (b) To pause any changes to the Ontario Autism Program, pending further consultation with families and stakeholders, and
- (c) That funding would be tied to a needs-based model for clinically prescribed therapies.

**Result: Motion CARRIED by a vote of 6 to 0, as follows:**

YES - Councillor Ninder Nann  
YES - Councillor Tom Jackson  
YES - Councillor Esther Pauls  
YES - Chair Sam Merulla  
YES - Councillor Terry Whitehead  
YES - Councillor Brad Clark

**2. Reaching Home: Canada's Homelessness Strategy (HSC19008(a)) (City Wide) (Item 10.1)**

**(Clark/Nann)**

- (a) That the General Manager of Healthy and Safe Communities, or his designate, be authorized and directed to enter into and execute an Agreement with Employment and Social Development Canada to administer the Reaching Home Program as of April 1, 2019 and any ancillary agreements required to give effect thereto in a form satisfactory to the City Solicitor;
- (b) That the current temporary Social Policy Analyst position (1 FTE) be converted to a permanent position, to meet the additional Federal obligations, in the amount of \$97,178 funded through the Reaching Home administrative funding allocation, with no net levy impact, be approved; and
- (c) That the current temporary Senior Project Manager position (1 FTE) be converted to a permanent position, to meet the additional Federal obligations, in the amount of \$115,180 funded through the Reaching Home administrative funding allocation, with no net levy impact, be approved.

**Result: Motion CARRIED by a vote of 6 to 0, as follows:**

- YES - Councillor Nrinder Nann
- YES - Councillor Tom Jackson
- YES - Councillor Esther Pauls
- YES - Chair Sam Merulla
- YES - Councillor Terry Whitehead
- YES - Councillor Brad Clark

**3. St. Matthew's House – Request for Service Manager Consent to Sell Units (HSC19015) (Ward 3) (Item 10.2)**

**(Whitehead/Nann)**

- (a) That Council, in its capacity as Service Manager under the *Housing Services Act, 2011*, approve the request of St. Matthew's House to sell two properties comprised of nine housing units at 247 East Avenue North (five units) and 44 St. Matthew's Avenue (four units) subject to the following condition:
  - (i) that the sale proceeds be reinvested into St. Matthew's House Senior Support Program in partnership with both private and social housing landlords to maintain homelessness prevention for the aging population; and

- (b) That the General Manager of Healthy and Safe Communities Department or his designate be authorized and directed to reallocate the net existing operating budget for St. Matthew's House of \$111,700 from Dept ID 625084 to increase the Hamilton Housing Allowance Program operating budget to \$1.146M (Dept ID 626029) to offer additional housing allowances to approximately 30 households from the centralized wait list.

**Result: Motion, CARRIED by a vote of 6 to 0, as follows:**

YES - Councillor Nrinder Nann  
 YES - Councillor Tom Jackson  
 YES - Councillor Esther Pauls  
 YES - Chair Sam Merulla  
 YES - Councillor Terry Whitehead  
 YES - Councillor Brad Clark

**4. Recreation and Social Infrastructure at 430 Cumberland Ave. (Ward 3) (Item 11.1)**

**(Nann/Jackson)**

WHEREAS, CityHousing Hamilton located at 430 Cumberland Avenue aims to improve the quality of life of residents, specifically young families and youth with outdoor recreational, community garden and safety enhancements on site;

WHEREAS, this social infrastructure project requires further investment in order to be completed; and,

WHEREAS, funding will enable increased recreation, health and social benefits to the residents of 430 Cumberland Avenue;

THEREFORE, BE IT RESOLVED:

That a total of \$65,000 be invested in 430 Cumberland Avenue for playground equipment and a half basketball court be funded from the Ward 3 Discretionary Funds in the following way:

- (a) \$20,000 from the 2017 Ward 3 Discretionary Funds No. 3301709300;
- (b) \$45,000 from the 2018 Ward 3 Discretionary Funds No. 3301809300; and,
- (c) That the Mayor and City Clerks be authorized and directed to execute any required agreement(s) and ancillary documents, with such terms and conditions in a form satisfactory to the City Solicitor.

**Result: Motion, CARRIED by a vote of 6 to 0, as follows:**

YES - Councillor Nrinder Nann  
 YES - Councillor Tom Jackson

YES - Councillor Esther Pauls  
 YES - Chair Sam Merulla  
 YES - Councillor Terry Whitehead  
 YES - Councillor Brad Clark

**FOR INFORMATION:**

**(a) CHANGES TO THE AGENDA (Item 2)**

The Committee Clerk advised of the following change to the agenda:

**1. COMMUNICATIONS (Items 5.2 and 5.3)**

5.2 Correspondence from the Early Years and Child Care Division of the Ministry of Education respecting 2019 Child Care and Early Years Allocations

Recommendation: be received.

5.3 Correspondence from the Ministry of Municipal Affairs and Housing respecting Hamilton 2019-2020 Allocation

Recommendation: be received.

**2. DELEGATION REQUESTS**

6.1 Dianne McIntyre and Laura Delsey, respecting a Request that the City of Hamilton Appeal to the Provincial Government to Pause the Plan to Change the Ontario Autism Program, withdrew their delegation request.

**3. PUBLIC HEARINGS/DELEGATIONS (Item 8.1)**

8.1 Ruth Greenspan, John Howard Society of Hamilton, Burlington and Area, respecting the Hamilton Restorative Justice Initiative, requested that her delegation be rescheduled for a future meeting.

**4. DISCUSSION ITEMS (Added item 10.3)**

10.3 2019 Provincial Funding Update (HSC19023) (City Wide)

**(Whitehead/Pauls)**

That the agenda for the May 2, 2019 Emergency and Community Services Committee meeting be approved, as amended.

**Result: Motion CARRIED by a vote of 6 to 0, as follows:**

YES - Councillor Nrinder Nann  
 YES - Councillor Tom Jackson  
 YES - Councillor Esther Pauls  
 YES - Chair Sam Merulla  
 YES - Councillor Terry Whitehead  
 YES - Councillor Brad Clark

**(b) DECLARATIONS OF INTEREST (Item 3)**

There were no declarations of interest.

**(c) APPROVAL OF MINUTES OF THE PREVIOUS MEETING (Item 4)**

**(i) April 4, 2019 (Item 4.1)**

**(Whitehead/Jackson)**

That the Minutes of the April 4, 2019 meeting of the Emergency and Community Services Committee be approved, as presented.

**Result: Motion CARRIED by a vote of 6 to 0, as follows:**

YES - Councillor Nrinder Nann  
 YES - Councillor Tom Jackson  
 YES - Councillor Esther Pauls  
 YES - Chair Sam Merulla  
 YES - Councillor Terry Whitehead  
 YES - Councillor Brad Clark

**(d) COMMUNICATIONS (Item 5)**

**(Pauls/Jackson)**

That the following Communications be approved, as follows:

**(i) Correspondence from the Ministry of Children, Community and Social Services, respecting Addiction Services Initiative Wind-Down (Item 5.1)**

Recommendation: be received.

**(ii) Correspondence from the Early Years and Child Care Division of the Ministry of Education, respecting 2019 Child Care and Early Years Allocations (Item 5.2)**

Recommendation: be received.

- (iii) **Correspondence from the Ministry of Municipal Affairs and Housing, respecting Hamilton 2019-2010 Allocation (Item 5.3)**

Recommendation: be received.

**CARRIED**

**(e) PUBLIC HEARINGS/DELEGATIONS (Item 8)**

- (i) **Paul Empringham, Ancaster Minor Hockey, respecting the Protection of Interests and Availability of Ice for the Ancaster Minor Hockey League (Item 8.2)**

Paul Empringham addressed the Committee respecting the Protection of Interests and Availability of Ice for the Ancaster Minor Hockey League.

**(Clark/Whitehead)**

That the presentation from Paul Empringham respecting the Protection of Interests and Availability of Ice for the Ancaster Minor Hockey League, be received.

**CARRIED**

- (ii) **Nancy Silva-khan, respecting a Request that the City of Hamilton Appeal to the Provincial Government to Pause the Plan to Change the Ontario Autism Program to Allow for Further Consultation (Item 8.3)**

**(Pauls/Jackson)**

That Nancy Silva-khan be permitted to address the Committee for an additional 10 minutes in order to complete her presentation.

**Result: Motion CARRIED by a vote of 6 to 0, as follows:**

YES - Councillor Nrinder Nann  
 YES - Councillor Tom Jackson  
 YES - Councillor Esther Pauls  
 YES - Chair Sam Merulla  
 YES - Councillor Terry Whitehead  
 YES - Councillor Brad Clark

Nancy Silva-khan addressed the Committee respecting a Request that the City of Hamilton Appeal to the Provincial Government to Pause the Plan to Change the Ontario Autism Program to Allow for Further Consultation.

**(Clark/Nann)**

That the presentation from Nancy Silva-khan respecting a Request that the City of Hamilton Appeal to the Provincial Government to Pause the



Plan to Change the Ontario Autism Program to Allow for Further Consultation, be received.

**CARRIED**

For further disposition of this matter, refer to Item 1.

**(f) DISCUSSION ITEMS (Item 10)**

**(i) 2019 Provincial Funding Update (HSC19023) (City Wide) (Item 10.3)**

Paul Johnson provided an update respecting 2019 Provincial Funding Update (HSC19023) (City Wide).

**(Whitehead/Pauls)**

That Item 10.1, respecting 2019 Provincial Funding Update (HSC19023) (City Wide), be received.

**CARRIED**

**(g) GENERAL INFORMATION / OTHER BUSINESS (Item 13)**

**(i) Amendments to the Outstanding Business List (Item 13.1)**

**(Whitehead/Pauls)**

That the following amendments to the Emergency and Community Services Committee's Outstanding Business List, be approved:

**(a) Items considered complete and needing to be removed:**

- (i) Gage Hancharek respecting PLURD (Peace, Love, Unity, Respect, Dignity)**  
Addressed as Item 7.2 on today's agenda – Report HSC19022  
Item on OBL: EEE
- (ii) Requiring the City of Hamilton to be More Accessible to the Hearing Impaired**  
Addressed as Item 7.3 on today's agenda - -Report HUR17023(a)  
Item on OBL: WW

**Result: Motion CARRIED by a vote of 6 to 0, as follows:**

- YES - Councillor Nrinder Nann
- YES - Councillor Tom Jackson
- YES - Councillor Esther Pauls
- YES - Chair Sam Merulla
- YES - Councillor Terry Whitehead

YES - Councillor Brad Clark

**(h) ADJOURNMENT (Item 15)**

**(Jackson/Whitehead)**

That there being no further business, the Emergency and Community Services Committee be adjourned at 3:18 p.m.

**CARRIED**

Respectfully submitted,

Councillor S. Merulla  
Chair, Emergency and Community Services  
Committee

Tamara Bates  
Legislative Coordinator  
Office of the City Clerk

April 29, 2019

Mayor Mr. Fred Eisenberger &amp; City Councillors

Hamilton City Hall  
2nd floor - 71 Main Street West  
Hamilton, Ontario L8P 4Y5

Dear Mr. Eisenberger,

ClubLink Corporation's recent sudden closure of the Glendale Curling Club in Stoney Creek has left our city with approximately 400+ curlers without a club to curl in. Some are able to venture outside of the area, although a great majority of them will no longer have their winter recreation to stay active. As a city, we have a shortage of recreational facilities for curling within the East and West of Hamilton, both lower and Mountain areas, as well as Stoney Creek. The curling rinks that do still exist are dated, ageing, and will not exist within the next 5-10 years.

The opportunity to utilise this infrastructure in its current form would serve to enable the opportunity to continue to program recreational space for Hamilton residents where a clear and demonstrated demand is in place. If anything, the aging population that is supportive would benefit from this location within East Hamilton/Stoney Creek as it is transit supportive and is collocated with the existing community centre. The reuse of these facilities from an ice surface perspective would serve to limit any new proposals where a change in land use may be required such that a planning application would need to be submitted, reviewed, publicly vetted and ultimately debated by Council within the context of the best fit for these communities.

Traditionally, curling clubs have been a private enterprise type business and not a regular fixture within the City's recreational scope. We are hoping to help facilitate changes to this by investing our money into one of your buildings, that may no longer be able to offer hockey or ice surfaces as a viable option. Again, reusing or repurposing the existing infrastructure would be cost effective and provide a much-needed destination point for local and visiting curlers with the additional promise of economic development spinoffs from curlers who come to the area to take part in bonspiels.

We ask today for your assistance in providing a facility, that we can renovate and alter as needed, to form a public/private not-for-profit partnership with the City of Hamilton. The City has had opportunity to entertain such partnerships and has even played an important role in sharing in the community use of such facilities as demonstrated through the soccer facility at Redeemer university wherein the community has opportunity to benefit from the programming which takes place within their community. We would ask for a low rate annual lease back option of 5-10 years (or longer) in length, and the ability to use the facility to create a world class curling and training venue. The financial risk and exposure to the City would be minimal under our model.

We do have a window of opportunity to capitalize on this recent closure and we would like to have the renovated facility up and running by October 1, 2020.

As our population continues to age, we need to provide our seniors recreational activities to keep them moving. Curling is a sport that can be enjoyed life long, and as such can be enjoyed by our senior citizens well into their advancing age. We want to create this facility to provide an opportunity to continue the Canadian heritage of this great sport for youth, adults, and seniors alike. Bringing large professional events into the city to create jobs, drive revenue to local business, create a training ground for our Olympic athletes of tomorrow, and a place that all Hamiltonians can call their own.

We thank you for your time and consideration, and look for further opportunity to engage you with respect to our proposal.

Sincerely,

Brad Hoad

Dave Serwatuk



# ONTARIO CURLING ASSOCIATION

1400 Bayly Street, Unit # 10, Pickering, ON L1W 3R2

---

May 2, 2019

## SUPPORT LETTER – HAMILTON AREA CURLING

The Ontario Curling Association strongly endorses the group attempting to continue providing the sport of curling to the local Hamilton area. The sport of curling is an excellent activity for engaging the community in a sporting activity that is open to all and creates opportunities for youth to the senior demographic to become or remain active citizens.

The economic impact from a typical curling centre in Ontario is between \$1.8 – \$ 2.5 million annually from activities. CurlON would support this venture with further events that would impact the community annually. CurlON currently operates twenty-two Provincial Championships with an economic impact annually of \$ 4.0 million dollars. With a dedicated arena facility in the Hamilton area, CurlON would be able to schedule events annually that impact the economic opportunities for this facility and the local area. Other opportunities revolve around athlete performance training, with very few dedicated arena facilities in the Province of Ontario the potential for using a facility in Hamilton for athlete development from U-18 to Olympic levels and continuing the long tradition of winning by Ontario teams at National Championships would be secured.

CurlON welcomes the opportunity to work with the dedicated group who are working to maintain the opportunities for curling in the Hamilton area. The economic impact to the community from the sport's continuation will be felt by local businesses and the community for many years to come. A facility of this nature would quickly become the hotbed of curling activity in Eastern Canada and with proper growth and development could rival the Saville Centre in Edmonton, which is currently recognized as the development go to location in Canada for National and Olympic team programs.

I look forward to continuing discussions with the local community and working towards achieving this momentous action for the curling community in Hamilton and all of Ontario.

A handwritten signature in black ink, appearing to read "Stephen Chenier".

Stephen Chenier  
Chief Executive Officer / Executive Director  
CurlON

**Form: Request to Speak to Committee of Council**

Submitted on Monday, May 6, 2019 - 9:15 am

==Committee Requested==

**Committee:** Emergency and Community Services Committee  
(Previously Healthy & Safe Communities)

==Requestor Information==

**Name of Individual:** Angela Pugliese

**Name of Organization:**

**Contact Number:**

**Email Address:**

**Mailing Address:**

**Reason(s) for delegation request:** Requesting to speak to the Emergency Committee in regards to our youth with developmental disabilities turning 18, being discharged and cut from services and funding from our Province, requesting for the City of Hamilton's Support, in Noah and Gregory's Bill "Insuring that supports continue with no gap in services upon a child's 18<sup>th</sup> birthday"

**Will you be requesting funds from the City?** No

**Will you be submitting a formal presentation?** No



Hamilton

**Meeting Minutes  
Seniors Advisory Committee  
Friday, March 1, 2019  
10:00am – 12:00pm  
Rooms 192/193, City Hall, 71 Main Street West**

---

**In Attendance:** Bob Thomson (Chair), Jeanne Mayo, Marjorie Wahlman, Carolann Fernandes, Mary Sinclair, Doug Stone, Margaret Cheyne, Penelope Petrie, Ram Kamanth, Barry Spinner, John Kennard.

**Absent with Regrets:** Paula Kilburn, Karen Thomson.

**Guests:** John Hawker

**Also in Attendance:**

Jessica Bowen, Diversity and Inclusion

Liz Conti, Public Health

Lisa Maychak, Healthy and Safe Communities

---

**Welcome and Introductions**

**1. Changes to the Agenda**

**Addition of item:**

**7.1** AODA meeting update (Mary)

**7.2** Licensing of Lodges (J. Mayo)

**7. 3** Snow Clearing Policy

That the agenda of March 1, 2019 be approved as amended.

**(M. Wahlman / C. Fernandes)**

**CARRIED****2. Approval of Minutes**

That the minutes of December 7, 2018 be approved as presented.

(M. Wahlman / R.Kamanth)

**CARRIED****3. Presentations**

No presentation scheduled.

**4. Business / Discussion Items****4.1 Area Rating (J.Mayo)**

J. Mayo there is a 6-member panel who are going to discuss area rating. J. Mayo requested that the Chair invite both Councillors to come to an upcoming SAC meeting to give us an update on the area rating.

**4.2 Resignations**

(P.Petrie / M. Wahlman)

The committee accepted the resignations of Committee members Lou DeStephanis and George Hough.

As George Hough has submitted his resignation and is SAC's representative on MIRA, the committee has supported that Barry Spinner will be advised of any upcoming meetings in relation to MIRA.

**4.3 Senior's Award: Judging Panel**

The committee supported that Carolann Fernandes will sit as the representative of SAC on the judging panel for the Senior's Award.



## 5. Working Groups/Committees

### a) SAC – Housing Working Group (M. Sinclair)

M. Sinclair advised that the HWG is currently reviewing the application forms for housing. The working group is inquiring how to make adjustments on the applications forms. They hope to meet with the Director of Housing Services in upcoming months.

The next meeting is on March 19, 2019.

### b) SAC – Getting Around Hamilton Working Group (J.Mayo)

J.Mayo advised that the group has not met since November. The next meet is scheduled on Tuesday, March 5, 2019 at 3:00pm.

### c) SAC – Communications Working Group (B. Thomson)

No update at this time.

### d) Age Friendly Plan – Governance Committee (J. Mayo)

J. Mayo advised that on April 2, 2019 there is going to be a community meeting to receive the fourth annual report of the age friendly plan.

The report will be delivered at Michelangelo's and the launch for the consultation process to establish the next five-year plan. The event starts at 8:30am, where a continental breakfast will be provided, and then at 9:30am the event begins.

### e) Older Adult Network (D. Stone)

No update at this time.

### f) International Day of Older Persons Committee (D. Stone)

No update at this time.

**g) Seniors at Risk Community Collaboration (SARRC) (L. Conti)**

L. Conti advised that there has been a reduced number of meetings due to time limitations of members. There are 30-35 service provider organisations involved. The group is trying to generate some solutions for systemic challenges for the most vulnerable.

There was a very successful workshop held on hoarding. There were 130 housing providers present as well as Superintendents, landlords, property owners, city staff. The word spread and we had 20 participants from outside Hamilton.

There was also a representative from St. Joe's at West 5<sup>th</sup> on balancing compassion and enforcement.

**K. McMaster Institute of Research on Aging (L.Conti/L.Maychak)**  
No update at this time.

**L. Ontario Health Coalition (C. Fernandes)**

C. Fernandes shared the following information:

The current government has a new health care act called the people's health care act. There will be a super agency to replace the LHINS and 20 small health agencies that employ 10,000 people. The intent of agency is to oversee all facets of health; hospitals, primary care, long term care, home care, online media records. This infrastructure will allow for seamless access to care.

This new health care act has unprecedented power to order privatization. It will allow the invitation of for profit organisation to express interest. While the rhetoric sounds positive, this act can privatise anything.

There is a meeting of the Hamilton Health Coalition on March 15, 2019 at 7:00pm. The Ontario Health Collation will be

holding a rally at Queen's park beginning at 12:00pm on April 30, 2019. For more information or to register to attend, members can call 905-545-5514.

**M. Our Future Hamilton Update (P.Petrie)**

No update at this time.

**N. Senior of the Year Award (P. Petrie)**

P.Petrie advised that at present the judging panel is being put together. The nomination process is open and the deadline for submissions is March 29, 2019.

**6. Other Business**

**a. Update from Councillor Jackson**

Councillor Jackson provided an update on the budget process for 2019 and outlined that Council has another month's work in relation to finalising the budget.

There has been ongoing discussion about snow clearing throughout the City. Council has committed to looking at this for the 2020 budget. Staff have advised that the cost is would be 5 million dollars per year annually if the city wanted to clear 2500 kms of city sidewalks. The sidewalk clearing would target the highest pedestrian housing areas and seniors, those with daycare and childcare needs, disabilities, etcetera.

Snow angels program: there are 500 seniors on the waiting list. The program has been successful in matching 150-200 people. 300 people are on the waiting list.

We have tried to provide incentives, for those who assist in this program. Councillor Jackson advised that he put forward a motion to enhance the current snow angels program.

Transit requested a 14% increase. Normally that would be considered significant; however in light of the 10 year transit strategy, this is embedded into the 2.7% increase to the

budget city wide. The increased budget is to enhance routes and purchase more busses. There are improvements to the system is a part of the HSR budget.

Within the 2.7% we are hiring 10 more paramedics. That is included in the budget.

DARTS, came forward again needing a budgetary increase. They provide over 70,000 rides a year and each year that number is increasing. In spite of what seems to be overbudget, the justification and evidence is front of council and it is beyond dispute.

Councillor Jackson advised staff to request that Bob Paul attend a future SAC meeting to answer any detailed information about City snow clearing.

### **Area Rating:**

Councillor Jackson advised that there will be a subcommittee of Council. Councillor Jackson advised that it may would be appropriate at some point if one of 6 Councillors on that subcommittee attend a SAC meeting to hear and discuss the issues, including what eliminating area rating means for tax payers.

## **7. Business / Discussion Items**

### **7.1 AODA meeting update (M. Sinclair)**

M.Sinclair advised that there is an AODA meeting at Hamilton Health Sciences on March 7, 2019. She will attend and report back to the committee.

### **7.2 Licensing of Lodges (J. Mayo)**

J. Mayo: Advised of an article about lodging homes from February 15, 2019. Liz Conti advised that she would follow up and report back to the Committee.

B. Spinner advised that the committee was informed about the new student residence being built on Main street and

that they influenced the university to share a common area with seniors. This is a physical space where students and seniors would intermingle to have a study, living, learning community. On March 12, 2019, they are having an event and looking for volunteers to interact with 1<sup>st</sup> year university student living in residence.

## **8. Adjournment**


### **Next Meeting**

Friday, April 5, 2019



Hamilton

## INFORMATION REPORT

<b>TO:</b>	Chair and Members Emergency and Community Services Committee
<b>COMMITTEE DATE:</b>	May 16, 2019
<b>SUBJECT/REPORT NO:</b>	Requirements for a First Nation Host Community (HSC19024) (City Wide)
<b>WARD(S) AFFECTED:</b>	City Wide
<b>PREPARED BY:</b>	Connie Verhaeghe (905) 546-2424 Ext. 6038
<b>SUBMITTED BY:</b>	David Cunliffe Chief, Hamilton Fire Department Healthy and Safe Communities Department
<b>SIGNATURE:</b>	

### COUNCIL DIRECTION

At its meeting of April 24, 2019, Council referred Correspondence Item 5.2 from the Ministry of Community Safety and Correctional Services respecting providing emergency response assistance to First Nations Communities located in the Province through an agreement with the Government of Canada to the Healthy and Safe Communities Department for appropriate action.

### INFORMATION

Emergencies of varying scale and consequence occur in Ontario on an annual basis. Some of these emergencies threaten the life and safety of citizens to the extent that they must be evacuated from their homes and sometimes even their community to ensure their well-being. First Nation communities located on the James Bay river system experience annual flooding resulting in evacuations to Host Communities. There are two legal agreements that are required for the evacuation and hosting to be initiated. One is the signed legal agreement between the Province of Ontario and the Department of Indigenous Services Canada. The second agreement is a signed Memorandum of Understanding between the Province of Ontario and the local municipality. The City of Hamilton does not have a signed Memorandum of Understanding with the Province of Ontario to be a Host Community.

---

OUR Vision: To be the best place to raise a child and age successfully.

OUR Mission: To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner.

OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.

**SUBJECT: Requirements for a First Nation Host Community (HSC19024) (City Wide) - Page 2 of 4**

---

The process of evacuating a First Nations Community and becoming a Host Community is outlined below:

When an emergency within a First Nations community requires an evacuation, the Ontario Provincial Emergency Operations Centre (PEOC) in partnership with other provincial ministries will coordinate the evacuation. The PEOC will request municipalities and other First Nation communities in the province to act as Host Communities.

The principle that municipal communities are the first level of response during an emergency forms the basis of Ontario's strategy in partnering with municipalities to extend emergency assistance to First Nation communities. Under this approach, Provincial authorities are responsible for coordinating the overall program, and local municipalities and agencies provide specific services to ensure the needs of the evacuees are met.

In fulfilling this coordination role, the PEOC deploys Field Officers and other staff as required to affected First Nations and Host Communities during the emergency to act as liaisons and to assist in the delivery of services. Representatives from the Department of Indigenous Services Canada will also work with the host communities to coordinate the response efforts.

Coordination of services is also achieved through consultations with other partners including host community contacts, the Ministry of Health and Long Term Care, Ministry of Children, Community and Social Services, Department of Indigenous Services as well as the Chief of the First Nations community being evacuated. The goal is to ensure that all health and safety requirements of First Nations people are met during their evacuation.

Aside from a signed legal agreement to be a Host Community, the following factors are considered before confirmation of a Host Community:

- Ability to meet health care needs and requirements (i.e. local hospital, pharmacy and opiate rehab;
- Capacity to provide appropriate accommodation for the number and type of evacuees being received;
- Proximity of evacuee community to Host Community;
- Amount of time for which the Host Community is able to continue hosting;
- Amount of time needed for the Host Community to reach a state of readiness to accept evacuees;
- Type and amount of external support required;
- Ability to provide emergency social services; and,
- Ability to provide recreational activities for evacuees.

In addition, the following should be considered for evacuations that are anticipated to continue long-term (greater than 14 days):

- Ability to sustain evacuees for duration of a long-term evacuation;

---

OUR Vision: To be the best place to raise a child and age successfully.

OUR Mission: To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner.

OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.

**SUBJECT: Requirements for a First Nation Host Community (HSC19024) (City Wide) - Page 3 of 4**

---

- Capacity to provide additional services including:
  - continued schooling options for students;
  - day care; and,
  - pet care
- Ability to provide accommodations that will be comfortable over the long-term;
- Ability to provide social and health care services on a long-term basis;
- Ability to offer a space in which a small, temporary band office could be set up as well as telecommunications equipment; and,
- Capacity to provide entertainment and recreational services.

While municipalities play a key role in this process certain municipalities such as Cochrane, Kapuskasing, Thunder Bay and Timmins have established agreements with senior tier governments to be a Host Community. These Host Communities have long standing agreements and established logistical processes to ensure evacuees are welcomed. The signed agreements detail all services and the process for cost recovery. Some municipalities such as Timmins have a company that coordinates all services for evacuees. They have considered all aspects of being a generous and welcoming host. They service to the specific needs of Indigenous people. During this time, select hotels are used for evacuees only. Some hotels have hired an Indigenous Chief; while other hotels have cleared space for a tepee and cultural rituals.

This year the Office of the Fire Marshal Emergency Management sent letters (April 24, 2019, Council Agenda, Item 5.2) to municipalities asking if their municipality would consider the opportunity to be a Host Community for the 2019 James Bay flood season.

Hamilton could consider being a Host Community if there was a signed legal agreement with the provincial government outlining all issues pertaining to being a Host Community. Without an agreement outlining cost recovery and services to be provided, the City would be in a vulnerable position financially and in terms of liability. The legalities of an agreement would require a thoughtful process involving legal consultation between the Hamilton's Legal Services Division and the provincial government. The agreement would outline all services to ensure the health and safety of evacuees. This includes, but is not limited to shelter, registration and inquiry, culturally appropriate meals, sanitation, security, health care needs, clothing and laundry, transportation, family reunification, personal care, recreational activities, language translation services, and cultural needs. The agreement would also ensure that the City is reimbursed for any pre-planning activities in preparation for evacuees that are subsequently hosted in another community.

Accommodations would be one of the first considerations in hosting evacuees. A priority is to keep families together and this would mean the consideration of hotels and dormitories. The occupancy rate for hotels in Hamilton is lower than the Ontario average and would be difficult to accommodate a large number of evacuees. College and University dormitories are a consideration however dormitories are occupied with

---

OUR Vision: To be the best place to raise a child and age successfully.

OUR Mission: To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner.

OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.



**SUBJECT: Requirements for a First Nation Host Community (HSC19024) (City Wide) - Page 4 of 4**

---

spring/summer accommodations for special events. Use of arenas and recreation centres would be limited as city services facilitate a vast array of recreational programs for Hamilton residents. The city would also need to withdraw assistance if facilities were required for a municipal emergency.

The ability for the City of Hamilton to be a Host Community would take many months of preparation. Coordination with city departments and non-government agencies (Red Cross, Salvation Army, etc.) would need to be considered and would be part of the planning strategy. The experience for the evacuee could have psychosocial impact and must be part of the planning strategy.

There is considerable thought and careful planning that must be accomplished to be a Host Community. The evacuees are a community with a culture rich in diversity. It is critical that the Host Community consider all needs of the evacuee. To be a Host Community takes strategic planning and a process involving city departments, government and community agencies and consultation with the Indigenous community. With proper planning and a signed agreement there is an opportunity for Hamilton to be a Host Community.

**APPENDICES AND SCHEDULES ATTACHED**

None

---


OUR Vision: To be the best place to raise a child and age successfully.

OUR Mission: To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner.

OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.



**CITY OF HAMILTON**  
**HEALTHY AND SAFE COMMUNITIES DEPARTMENT**  
**Hamilton Paramedic Service**

<b>TO:</b>	Chair and Members Emergency and Community Services Committee
<b>COMMITTEE DATE:</b>	May 16, 2019
<b>SUBJECT/REPORT NO:</b>	Intraosseous Needle Replacement (HSC19025) (City Wide)
<b>WARD(S) AFFECTED:</b>	City Wide
<b>PREPARED BY:</b>	Russell Crocker (905) 546-2424 Ext. 7739
<b>SUBMITTED BY:</b>	Michael Sanderson Chief, Hamilton Paramedic Service Healthy and Safe Communities Department
<b>SIGNATURE:</b>	

**RECOMMENDATION**

- (a) That Council approve the standardization of Arrow® EZ-IO® Intraosseous Vascular Access System manufactured and sold by Teleflex Medical Canada Inc., pursuant to the City's Procurement Policy, Section 4.14, Policy #14 – Standardization, until December 31, 2027;
- (b) That the Arrow® EZ-IO® Intraosseous Vascular Access System devices, components and accessories be obtained on a single-source basis from Teleflex Medical Canada Inc.;
- (c) That the Chief of the Hamilton Paramedic Service, or his designate, be authorized and directed to enter into and sign, on behalf of the City of Hamilton, all negotiated agreements and all necessary associated documents with Teleflex Medical Canada Inc., with content acceptable to the General Manager of Healthy and Safe Communities Department, and in a form satisfactory to the City Solicitor for the purchase of the Arrow® EZ-IO® Intraosseous Vascular Access System devices, components and accessories; and,
- (d) That a sum not to exceed \$100,000 be authorized to be charged to 2019 Capital Project ID 7641951102 to fund the initial acquisition of Arrow® EZ-IO® Intraosseous Vascular Access System devices, components and accessories, with all subsequent costs to be charged to the Paramedic Service Operating Budget.

---

OUR Vision: To be the best place to raise a child and age successfully.

OUR Mission: To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner.

OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.

**SUBJECT: Intraosseous Needle Replacement (HSC19025) (City Wide) - Page 2 of 7****EXECUTIVE SUMMARY**

Hamilton Paramedic Service has an obligation to not only treat patient's illnesses and injuries with efficiency and knowledge, but to ensure that treatments provided are done so in a humane way. With improvements in technology in obtaining circulatory access through a patients' bone, Hamilton Paramedic Service is recommending the replacement of its current manual intraosseous needle, to a more humane and efficient device being used throughout the health care community.

This would be accomplished by the purchase of the Arrow EZ Intraosseous (IO) Needle that allows for circulatory access that cannot be obtained by conventional means. This type of access in critically ill/injured patients, allows the paramedic to give potentially lifesaving medications or fluids that would otherwise not be possible.

The Arrow® EZ-IO® Intraosseous Vascular Access System is proprietary to Teleflex Incorporated and there are no alternative Intraosseous Vascular Access systems suitable for use on both adult and paediatric patients available on the market.

Currently, Hamilton Paramedic Service uses a manual device that has limited use to the paediatric population and a higher risk of inadvertent injury to the paramedic. The proposed device can be used on both adult and paediatric patients and due to the ease of use, poses less risk of injury to the paramedic.

This advancement in technology has been adopted by several paramedic services in Ontario including but not limited to the City of Guelph, Six Nations First Nation, County of Brant, The Regional Municipality of York, ORNGE, The Regional Municipality of Halton and the County of Middlesex-London.

In the 2019 Budget, Council allocated \$172,000.00 in annual Block Capital funding for end-life replacement of in-service Paramedic Service helmets through Project ID 7641951102 (Paramedic Helmet Replacement). The replacement helmet which was selected in consultation with the Joint Occupational Health and Safety Committee (JOHSC) complies fully with all standards and requirements but is significantly less expensive than the item it replaced; with the full replacement requiring less than \$30,000 of the allocated funding to complete.

It's proposed that up to \$100,000 of this approved funding be authorised to be expended to fund the initial procurement of Arrow® EZ-IO® Intraosseous Vascular Access System devices, components and accessories, with all subsequent costs to be charged to the Hamilton Paramedic Service Operating Budget. All remaining funds in Project ID 7641951102 will then revert to the appropriate reserve. As a result, there is no additional impact to the net levy.

---

OUR Vision: To be the best place to raise a child and age successfully.

OUR Mission: To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner.

OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.

**SUBJECT: Intraosseous Needle Replacement (HSC19025) (City Wide) - Page 3 of 7****FINANCIAL – STAFFING – LEGAL IMPLICATIONS**

Financial: Initial roll out for this equipment has been estimated at approximately \$100,000 based on other paramedic service input. This cost is all inclusive and includes medical grade drills, needles, carrying cases and training devices. Once initial rollout is completed, needle replacement costs are comparable to the current needles being used. Drill replacement will be required at a cost of approximately \$300/unit, however the manufacturer states the drill is good for approximately 500 insertions or 10 years depending on a variety of factors. This cost is expected to be minimal as based on the numbers above, it is not expected that 500 insertions will be completed by any one paramedic and that in most cases the drill will be replaced at the 10-year mark provided optimal conditions are met.

This would prove beneficial in 3 ways:

- HPS could reprogram funds to a piece of equipment within its existing funding
- With both the I.O. needles and helmets purchased, there would still be a savings of \$50,000 to the tax levy
- Provide paramedics a piece of equipment that can be used to assist in the health and well-being of City of Hamilton residents

Staffing: There are no staffing implications associated with Report HSC19025.

Legal: Any agreements with Teleflex Medical Canada Inc., will be reviewed and approved for content by Legal Services.

**HISTORICAL BACKGROUND**

Hamilton Paramedic Service (HPS) is responsible for providing pre-hospital emergency care for people experiencing medical and/or traumatic injuries. With an annual call volume of approximately 70,000 events in 2018, HPS has seen an average increase of 5% per year during past years.

Advance Care Paramedics (ACP's) are specially trained to provide additional care that Primary Care Paramedic's (PCP) cannot under *Ambulance Act Regulation 257/00*. Although the conditions in which these medical procedures are infrequent, the ability to perform it in the pre-hospital care environment may result in a life being saved. To ensure continued proficiency in these specialized medical procedures, there are two key components that must be considered:

- Adequate initial and continued training
- Type of equipment used

---

OUR Vision: To be the best place to raise a child and age successfully.

OUR Mission: To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner.

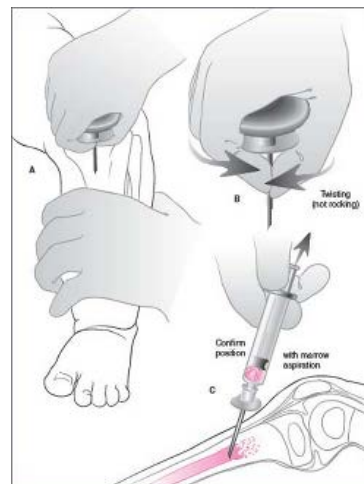
OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.

## **SUBJECT: Intraosseous Needle Replacement (HSC19025) (City Wide) - Page 4 of 7**

As one of the original paramedic services to employ ACP's in the Province of Ontario, HPS has long been considered a leader in paramedicine and must continue to keep pace with other paramedic services in Ontario to ensure optimal care for its residents.

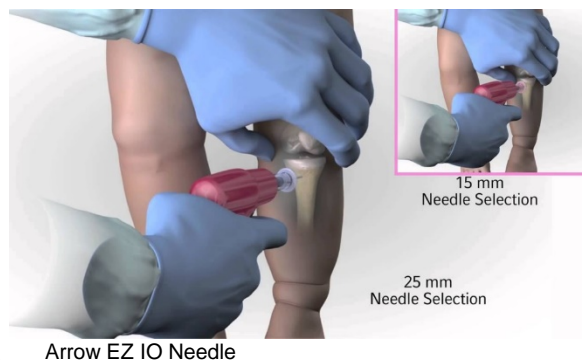
Intraosseous (I.O.) infusions have long been utilized in the pre-hospital care environment on paediatric patients, when intravenous (IV) initiation is difficult due to a variety of physiological factors. As a result, I.O.'s are routinely used on critically ill paediatric patients when drug and/or fluid administration is required. In more recent times, this procedure is used routinely on adults, where IV initiation is difficult or not possible.

The I.O. procedure has historically been performed manually, using a large needle with a "cork screwing" motion to insert it into the patient's bone. Completing this procedure manually is sometimes difficult on paediatrics, because of the increased movement of the limb while "cork screwing" the needle (as shown in diagram 1). This can also cause an inadvertent larger diameter hole being created which in turn can cause displacement of the needle. In addition to this, adult bones are "calcified" and therefore much harder in comparison to paediatrics, making the use of manual I.O. needles on this population not possible. Finally, due to the exposed needle and "cork screwing" action during insertion, there is a higher likelihood of inadvertent needle stick injuries to ACP's and the related exposure to blood borne pathogens.



**Diagram 1**  
Cook Medical IO Needle

In more recent times, the medical community has introduced much safer and more humane equipment to complete I.O. insertions. This involved the use of a medical grade drill and refined needles (as shown in diagram 2) that increase the success of the procedure in the following ways:



Arrow EZ IO Needle

1. Less likely to cause injury to the paramedic during the procedure because of the absence of the "cork screwing" motion being replaced by a drill
2. Less discomfort on the patient, as the drill can insert the needle within seconds, not minutes
3. Reduction in delay of venous access to administer fluid or drugs because of the procedure being completed within seconds

OUR Vision: To be the best place to raise a child and age successfully.

OUR Mission: To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner.

OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.

**SUBJECT: Intraosseous Needle Replacement (HSC19025) (City Wide) - Page 5 of 7**

4. Increased comfort level of the paramedic performing the procedure and therefore increased success of the procedure as the tactile application of the equipment is much simpler<sup>1</sup>

**POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS**

The proposed EZ Intraosseous Needle meets the requirements of the Ministry of Health and Long Term (MOHLTC) Land Ambulance Equipment Standards. In addition to this, they do meet all Health Canada standard for use on patients.

By-law 17-064 Procurement Policy, Section 4.14, Policy #14 – Standardization requires Council approval for any standardization of a Good where the standard results in a single source purchase of \$10,000 or greater.

**RELEVANT CONSULTATION**

The Centre for Pre-Hospital Education and Research (CPER) that is responsible for providing medical oversight and paramedic certification, has approved this piece of equipment for use.

Corporate Finance, Procurement Section has been consulted with respect to adherence to the City's Procurement Policy and have provided comment on this report.

**ANALYSIS AND RATIONALE FOR RECOMMENDATION**

I.O. initiation is a widely used and accepted practice in the medical and military communities for establishing venous access in critically ill or injured patients. Historically these needles have been manually inserted, which may have impeded the efficiency and safety of both the paramedic and the patients.

The Ministry of Health and Long-Term Care (MOHLTC) Provincial Equipment Standards for Ontario Ambulance Services standard regulates the specifications and quantities of equipment that must be carried on paramedic vehicles. Currently HPS uses the Cook I.O. needle, which meets regulatory requirements and therefore poses no immediate risk of being in violation of the legislation. After consultation of the applicable standards, it is confirmed that the proposed Arrow EZ-IO would also meet the required regulations set forth by the MOHTLC.<sup>2</sup>

---

<sup>1</sup> Centre for Pre-Hospital Education and Research. (2018, December 1). Advanced Care Paramedic - Medical Directives. Hamilton, Ontario, Canada

<sup>2</sup> Helm M, H. B. (2015, December). EZ-IO intraosseous device implementation in german Helicopter Emergency Medical Service. *Resuscitation*, 43-7

**SUBJECT: Intraosseous Needle Replacement (HSC19025) (City Wide) - Page 6 of 7**

The current Cook I.O. needle that is used by HPS can only be used on paediatrics that are <2 years of age. As a result, this does limit the paramedics options in obtaining venous access on patients >2 years of age, where IV initiation may be difficult or not possible.

In a recent review of 196,993 electronic patient care records (ePCR's), there were 330 (0.17%) cases where I.O. was attempted. It should be noted that these numbers reflect only paediatric attempts, as the current devices do not allow for use of person's >2 years of age. The intraosseous usage by paramedics chart is attached as Appendix "A" Report HSC19025.

As a result, it is suggested that the use of this procedure is limited and any additional assurance including continued training/familiarization of this procedure and improved equipment would be beneficial to ensure competence and confidence by paramedics.<sup>3</sup> In the past 10 years, advancements in I.O. technology for use by health care professionals including paramedics has assisted to eliminate the problems noted above. The Arrow EZ-IO is a device that uses a medical grade drill to insert I.O. needles in both paediatric and adult populations. This type of technology is now routinely used in both the hospital and military environments due to the efficiency, reduction in training costs and success of the procedure in using this device.

It should be noted that there are no clinical differences between the infusion of fluid or the administration of a drug via I.O. versus IV<sup>4</sup>. As a result, if IV initiation cannot be completed, the Advance Life Support Patient Care Standard (ALSPCS)<sup>5</sup> recommends the use of I.O. as an alternative route of venous access. In addition to this, the Centre for Pre-Hospital Education and Research who provides medical oversight for HPS, has only endorsed the use the Arrow EZ-IO for use on patients, which is currently being used by Guelph, Six Nations, Brant and Dufferin County Paramedic Services.

Although rare, complications of I.O. insertion by manual or EZ-IO device remain the same which include:

- Undetected extravation
- Fracture of the bone
- Fat or air emboli
- Soft tissue injury
- Compartment syndrome

<sup>3</sup> MOHLTC - Emergency Health Regulatory and Accountability Branch. (2018, May 1). Provincial Equipment Standards for Ontario Ambulance Services. Toronto, Ontario, Canada: Queens's Printer for Ontario

<sup>4</sup> Ohchi, K. N. (2015). Comparison of mechanical and manual bone marrow puncture needle for intraosseous access; a randomized simulation trial. *Springer Plus*

<sup>5</sup> Smith S, B. B. (2016). The effects of sternal intraosseous and intravenous administration of amiodorone in a hypovolemic swine cardiac arrest model. *American Journal of Disaster Medicine*, 11:271

**SUBJECT: Intraosseous Needle Replacement (HSC19025) (City Wide) - Page 7 of 7**

**ALTERNATIVES FOR CONSIDERATION**

None

**ALIGNMENT TO THE 2016 – 2025 STRATEGIC PLAN**

**Healthy and Safe Communities**

Hamilton is a safe and supportive city where people are active, healthy, and have a high quality of life.

**Our People and Performance**

Hamiltonians have a high level of trust and confidence in their City government.

**APPENDICES AND SCHEDULES ATTACHED**

Appendix “A” to Report HSC19025: Intraosseous Usage by Paramedics

---

OUR Vision: To be the best place to raise a child and age successfully.

OUR Mission: To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner.

OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.



## Appendix "A" to Report HSC19025

Page 1 of 1

## Intraosseous Usage by Paramedics

<b>Year 2016</b>	<b>111</b>
CTAS 1-Resus	111
Cardiac/Medical Arrest-(01)	99
350 - IV Cannulation Unsuccessful	96
358 - Intraosseous Cannulation Successful	4
Post Arrest-(55)	12
350 - IV Cannulation Unsuccessful	12
<b>Year 2017</b>	<b>116</b>
CTAS 1-Resus	116
Cardiac/Medical Arrest-(01)	95
350 - IV Cannulation Unsuccessful	93
358 - Intraosseous Cannulation Successful	4
359 - Intraosseous Cannulation Unsuccessful	1
Post Arrest-(55)	21
350 - IV Cannulation Unsuccessful	21
<b>Year 2018</b>	<b>103</b>
CTAS 1-Resus	103
Cardiac/Medical Arrest-(01)	76
350 - IV Cannulation Unsuccessful	67
358 - Intraosseous Cannulation Successful	6
359 - Intraosseous Cannulation Unsuccessful	4
Post Arrest-(55)	27
350 - IV Cannulation Unsuccessful	27
<b>Grand Total</b>	<b>330</b>