



The Regional Municipality of Durham

COUNCIL INFORMATION PACKAGE

March 29, 2018

Information Reports

- [2018-INFO-48](#) Commissioner & Medical Officer of Health – Program Reports
- [2018-INFO-49](#) Commissioner & Medical Officer of Health – 2017 Annual Vector Borne Disease Report

Early Release Reports

There are no Early Release Reports

Staff Correspondence

There is no Staff Correspondence

Durham Municipalities Correspondence

1. [Town of Whitby](#) – re: Memorandum from Suzanne Beale, Commissioner of Public Works, regarding the Closure of Rossland Road – Lake Ridge Road to Cochrane Street starting July 3, 2018 for approximately 5 months

Other Municipalities Correspondence/Resolutions

There are no Other Municipalities Correspondence/Resolutions

Miscellaneous Correspondence

There are no Miscellaneous Correspondence

Advisory Committee Minutes

1. Durham Region Roundtable on Climate Change (DRRCC) – [March 9, 2018](#)
2. Durham Agricultural Advisory Committee (DAAC) minutes – [March 20, 2018](#)
3. Durham Environmental Advisory Committee (DEAC) – [March 22, 2018](#)

Members of Council – Please advise the Regional Clerk at clerks@durham.ca by 9:00 AM on the Monday one week prior to the next regular Committee of the Whole meeting, if you wish to add an item from this CIP to the Committee of the Whole agenda.



The Regional Municipality of Durham Information Report

From: Commissioner and Medical Officer of Health
Report: #2018-INFO-48
Date: March 29, 2018

Subject:

Program Reports

Recommendation:

Receive for information

Report:

1. Purpose

- 1.1 To provide an update on Durham Region Health Department (DRHD) programs and services.

2. Highlights

- 2.1 DRHD reports for January – March 2018 include the following key highlights:
- a. Health Analytics, Policy & Research – Health Analytics Information Products and Ethics updates;
 - b. Health Protection – Healthy Environments, Part 8 Ontario Building Code (Sewage Systems), Safe Water and Transparency Framework updates;
 - c. Healthy Families Program updates;
 - d. Healthy Living Program updates;
 - e. Infectious Diseases – Immunization and Infectious Diseases Prevention & Control updates; and
 - f. Paramedic Services – Administration, Logistics, Operations and Quality Development updates.
- 2.2 Boards of health are required to “superintend, provide or ensure the provision of the health programs and services required by the [Health Protection and Promotion] Act and the regulations to the persons who reside in the health unit served by the board” (section 4, clause a, HPPA). In addition, medical officers of health are required to “[report] directly to the board of health on issues relating to public health concerns and to public health programs and services under this or

any other Act” (sub-section 67.(1), HPPA). Accordingly, the Health Information Update is a component of the Health Department’s ‘Accountability Framework’, which also may include program and other reports, Health Plans, Quality Enhancement Plans, Durham Health Check-Ups, Performance Reports, business plans and budgets; provincial performance indicators and targets, monitoring, compliance audits and assessments; RDPS certification; and accreditation by Accreditation Canada.

Respectfully submitted,

Original signed by

R.J. Kyle, BSc, MD, MHSc, CCFP, FRCPC, FACPM
Commissioner & Medical Officer of Health

ABBREVIATIONS

- ACP – Advanced Care Paramedic
- APHEO – Association of Public Health Epidemiologists in Ontario
- BETTER – Building on Existing Tools To Improve Chronic Disease Prevention and Screening
- BHV – Blended Home Visiting
- BOHs – Boards of Health
- CA – *An Act respecting cannabis and to amend the Controlled Drugs and Substances Act, the Criminal Code and other Acts (Cannabis Act)*
- CAC – Community Advisory Committee
- CAMH – Centre for Addiction and Mental Health
- CCC – Child Care Centre
- CCS – Canadian Cancer Society
- CDPS – Chronic Disease Prevention and Screening
- CE LHIN – Central East Local Health Integration Network
- CHC – Community Health Centre
- CIHR – Canadian Institutes for Health Research
- CWIS – Cold Warning and Information System
- DO – Designated Officer
- DRHD – Durham Region Health Department
- DRPS – Durham Regional Police Service
- DWA – Drinking Water Advisory
- ECCC – Environment and Climate Change Canada
- ED – Emergency Department
- ERC – Ethics Review Committee
- ESW – Emergency Service Worker
- FSP – Family Service Plan
- FV – Family Visitor
- HBHC – Healthy Babies Healthy Children
- HC – Health Canada

- HCP – Health Care Provider
- HP – Health Protection Division
- HQ – Headquarters
- IDA – In-Depth Assessment
- IPAC – Infection Prevention and Control
- KE – Knowledge Exchange
- LCBO – Liquor Control Board of Ontario
- LH – Lakeridge Health
- LTCH – Long-Term Care Home
- LSPA – *Lake Simcoe Protection Act, 2008*
- MBTA – *Mandatory Blood Testing Act, 2006*
- MOHLTC – Ontario Ministry of Health and Long-Term Care
- MTO – Ontario Ministry of Transportation
- NCAST – Nursing Child Assessment Satellite Training
- NutriSTEP® – **N**utrition **S**creening **T**ool for **E**very **P**reschooler
- OBC – *Ontario Building Code*
- OHIP – Ontario Health Insurance Plan
- OPHS – *Ontario Public Health Standards: Requirements for Programs, Services, and Accountability*
- OPP – Ontario Provincial Police
- OSDUHS – Ontario Student Drug Use and Health Survey
- PCAC – Primary Care Advisory Committee
- PCP – Primary Care Paramedic
- PHN – Public Health Nurse
- PHO – Public Health Ontario
- PHU – Public Health Unit
- PIPE – Partners in Parenting Education
- PSS – Personal Services Settings
- PVNCCDSB – Peterborough Victoria Northumberland and Clarington Catholic District School Board
- RCT – Randomized Control Trial
- RDPS – Region of Durham Paramedic Services

- RKES – Research and Knowledge Exchange Symposium
- SDWS – Small Drinking Water Systems
- UOIT – University of Ontario Institute of Technology
- U of T – University of Toronto
- WHO – World Health Organization



Health Analytics, Research & Policy

REPORT FOR JANUARY – MARCH 2018

Health Analytics Information Products

[Cannabis-related emergency department \(ED\) visits at a glance](#)

In 2016, there were 373 cannabis-related ED visits in Durham Region residents. Accidental poisoning from cannabis consumption was the most common reason for visiting the ED. The ED visit rate for Durham Region males was 1.4 times higher than females while the rate in Durham Region youth aged 15 – 19 years old was 12.5 times higher than adults 35 years of age and older. Since 2007, the rates for cannabis-related ED visits steadily increased for Durham Region residents and provincially: for males and females; and for youth, young adults and older adults.

<https://www.durham.ca/en/health-and-wellness/cannabis-emergency-department-visits.aspx>

[Quick facts: Students' opinion about cannabis legalization, Quick facts: Usual source of cannabis, Quick facts: Secondary school student's frequency of using cannabis in the past year, and Trends In: Past Year Cannabis Use](#)

In Durham Region, 28% of secondary school students used cannabis in the last year, and this rate has not changed significantly since 2009.

<https://www.durham.ca/en/health-and-wellness/resources/Documents/HealthInformationServices/HealthStatisticsReports/CannabisLegalizationStudents.pdf>

<https://www.durham.ca/en/health-and-wellness/resources/Documents/HealthInformationServices/HealthStatisticsReports/CannabisSource.pdf>

<https://www.durham.ca/en/health-and-wellness/resources/Documents/HealthInformationServices/HealthStatisticsReports/CannabisUseSecSchool.pdf>

<https://www.durham.ca/en/health-and-wellness/resources/Documents/HealthInformationServices/HealthStatisticsReports/TrendsInPastYearCannabis.pdf>

Quick Facts: Past year opioid use, and Trends In: Opioid use in students

In Durham Region, 10% of students used prescription opioid pain relievers non-medically in the last year; this rate has declined since 2009.

<https://www.durham.ca/en/health-and-wellness/resources/Documents/HealthInformationServices/HealthStatisticsReports/PastYearOpioidUse.pdf>

<https://www.durham.ca/en/health-and-wellness/resources/Documents/HealthInformationServices/HealthStatisticsReports/Opioid-Use-Trends-in-Students.pdf>

Ethics

In the period of January – March 2018, the ERC approved 1 study, titled: Evaluating Breastfeeding Resources for Mothers, Fathers, Partners and other Co-parents.

Principal Investigator/Research Lead: Jennifer Abbass Dick, Assistant Professor, Faculty of Health Sciences, UOIT.

Co-Principal Investigators/DRHD Leads/Co-Investigators: Dr. Winnie Sun, Faculty of Health Sciences, UOIT; Dr. William Goodman, Faculty of Business and Information Technology, UOIT; Dr. Cindy-Lee Dennis, U of T; Sarah Brennenstuhl, Research Data Analyst, U of T; Shannon Gainey, Program Manager, DRHD; Amber Newport, PHN, DRHD; Joanne Huizinga, PHN, DRHD; Fangli Xie, Epidemiologist, DRHD.

Expected completion date: December 31, 2018.

Respectfully submitted,

Original signed by

R.J. Kyle, BSc, MD, MHSc, CCFP, FRCPC, FACPM
Commissioner & Medical Officer of Health



Health Protection

REPORT FOR JANUARY – MARCH 2018

HEALTHY ENVIRONMENTS

The extreme cold winter weather experienced late 2017/early 2018 highlighted the need for a CWIS. DRHD in partnership with MOHLTC will co-lead the development of a provincial harmonized CWIS. A project of this proportion will require the participation and expertise of various agencies including ECCC, HC, MOHLTC, PHO and PHUs as well as others. The vision is to follow a similar development process and stakeholder engagement as was used in the development of the HWIS that was piloted during the 2015 Pan-Am and Para Pan-Am games. Although planning is in its infancy, the goal is to pilot a CWIS by December 2018.

PART 8 OBC (SEWAGE SYSTEMS)

The OBC was amended by Ontario Regulation 315/10 which establishes and governs mandatory on-site sewage system maintenance inspection programs to be administered by principal authorities (e.g., BOHs, conservation authorities and/or municipalities) in certain areas.

Inspections were initially required in specific areas located within 100 metres of the Lake Simcoe shoreline. Phase II of the LSPA extends to land located within 100 metres upland of other lakes or ponds and permanent rivers and streams in the Lake Simcoe watershed.

Both the Townships of Brock and Uxbridge entered into agreements with DRHD for the management of this program within their respective jurisdictions. In 2017, a total of **293** inspections (**119** in Brock Township and **174** in the Township of Uxbridge) were conducted. Two summer students will continue to inspect properties identified as requiring inspection between late May and the end of August 2018.

SAFE WATER

As in past years, HP staff will collect bacteriological water samples in accordance with the *Operational Approaches for Recreational Water Guideline* from local public beaches to determine if they are safe for swimming.

Beginning on June 4, **14** public beaches will be routinely monitored for water quality. Activities carried out at each beach include obtaining water samples to be analysed for elevated levels of bacteria to advise area residents and visitors of the beaches that are safe for swimming. In addition, those beaches with elevated levels of bacteria are posted as unsafe for swimming with appropriate signage.

Each week after test results are reviewed, they are posted on durham.ca, distributed via social media and sent to the members of the media to assist with public notification of beach postings.

TRANSPARANEY FRAMEWORK

To support enhanced transparency in the public sector and promote public confidence in the public health system, BOHs are required to ensure public access to pertinent information through disclosure. The purposes of public disclosure include helping the public to make informed decisions to protect their health and sharing information about the work of BOHs and associated level of investment. The Transparency Framework: Disclosure and Reporting Requirements summarizes the types of information that BOHs are required to publicly disclose in accordance with the OPHS.

At a high level, BOHs will be required to publicly disclose a summary report on each routine and complaint based inspection of specific settings, including: food premises; public pools and spas; PSS; tanning beds; recreational camps; licensed CCCs; and SDWS. In addition; convictions of tobacco and e-cigarette retailers, IPAC lapses, DWAs for SDWS and status of beach water quality. DRHD currently posts food premises inspection results on DineSafe Durham and a summary report of convictions on-line.

HP is currently preparing a detailed work plan and schedule to ensure all inspection results are posted on-line in 2018, similar to DineSafe Durham. This includes a portal interface with the information system, stakeholder discussions and a communication plan.

Respectfully submitted,

Original signed by

Ken Gorman
Director, Health Protection Division



Healthy Families

REPORT FOR JANUARY – MARCH 2018

Healthy Babies Healthy Children

The HBHC program supports families in the early years from pregnancy until school entry to achieve developmental potential. Families that have been identified with risk on the HBHC screen and confirmed through an IDA are offered referral to the program, which provides home visits by a PHN and FV. Between January 1 and February 28, **797** HBHC screens were received from local families. There were **92** IDAs administered and of those, **58%** were rated moderate or high-risk. A total of **46** new referrals were made to the BHV program during this time period and **1,023** home visits were made to families by PHNs and FVs.

There are currently **302** families participating in the BHV program. During the course of their involvement in the program, families are supported to achieve their goals according to a personalized FSP. Much of the work with parents in the HBHC program focuses on building their core capabilities. This is essential not only to their own success as parents, but also to the development of the same capabilities by their children. Core capabilities include skills such as:

- Being able to make plans, carry them out, and set and meet goals
- Concentrating on what's most important at any given time
- Having the ability to control how clients respond to emotions and stressful situations
- Noticing people and situations in the environment and how to fit into the picture
- Being able to adapt to changing situations

FSP goals provide the framework for PHNs and FVs to support parents to develop these skills. Between January 1 and February 28, **58** families achieved one or more goals on their FSP.

Goals such as healthy attachment teach parents how to foster creative play and social connection with their children and teach them how to cope with stress and regulate their emotions; skills which are crucial for learning and development. PHNs administered **73** NCAST assessments with caregivers and their infants/children. These assessments are designed to identify how well the dyad is communicating and any areas for further development with respect to attachment. In follow up to the NCAST assessments, FVs facilitate PIPE activities with families to promote and enhance positive interactions between caregivers and their infants/children. Parents learn to establish routines, model social behavior, and create and maintain supportive, reliable relationships with their children. Between January 1 and February 28, FVs facilitated **71** PIPE activities with families.

Nutrition Screening for Preschoolers

The early years are an important period for cognitive, behavioural and physical development. A healthy diet is critical to support optimal growth and development. During this time, children are also learning to taste and enjoy different foods while developing eating habits that will last a lifetime.

Families play a central role in the formation of health behaviours in early childhood. Nutrition screening is a way to help them identify nutrition concerns and learn what support is available to them. NutriSTEP® is a scientifically validated questionnaire used to assess eating habits and identify nutrition problems in children aged 3 to 5 years. The screen is designed to be completed by a parent or primary caregiver with results helping families identify areas they need to work on with their child.

Between 2016 and 2017, the NutriSTEP® screening tool was implemented for all HBHC families with children 3 - 5 years of age. Using an assisted referral method, FVs distributed screening tools to eligible clients, reviewed screening results with them and supported families with appropriate referral resources when necessary. An evaluation was conducted during the same time period through a self-administrated paper survey completed by parents and caregivers. The questionnaire was distributed and collected by FVs during home visits. The main purpose of the evaluation was to examine:

- Helpfulness of the tool to identify family concerns about nutrition, physical activity and sedentary behaviour
- Changes that parents planned to make after completing the tool
- Screening scores and parents' feelings about them
- Helpfulness of an assisted referral model when completing the screening tool

Among the families surveyed, **57%** reported the screening tool made them more aware of their children's nutrition and eating habits; **52%** were more aware of their children's physical activity level; and **48%** indicated the tool increased their awareness of sedentary behaviour habits. The most commonly reported changes that parents planned to initiate were: decreasing screen time (**55%**), introducing more healthy foods (**31%**), and increasing their child's physical activity level (**27%**). Many (**43%**)

parents/caregivers were “not surprised” at the results of their children’s screen and reported feeling “reassured”, “happy”, and/or “relieved”. Finally, respondents found it “very helpful” (**63%**) or “somewhat helpful” (**22%**) to have someone with knowledge of the screen to help them review and understand the results.

This approach to implementing nutrition screening in the preschool population enabled DRHD to address the importance of early identification of nutrition issues in a high-risk population. For those with identified concerns, there was opportunity to access appropriate services for follow-up. The data will be used to inform future program planning related to the use of the NutriSTEP® screening tool.

Expanding Breastfeeding Services

When breastfeeding support is offered to women, the duration and exclusivity of breastfeeding is increased. Support includes community accessibility, emotional support and self-esteem-building, practical help and social connections through peer groups. Accessible breastfeeding support to residents living in north Durham has been re-established through our partnership with LH. Prior to the fire at the LH Port Perry hospital in August 2017, DRHD and LH collaborated to provide breastfeeding clinics twice a week. As of February 2018, temporary breastfeeding services have opened at the Port Perry Medical Associates clinic in partnership with LH. The clinic is open Mondays and Thursdays, with breastfeeding support provided by a PHN and LH lactation consultant. Breastfeeding services will continue at this location until the Port Perry hospital reopens.

As a means to raise awareness of DRHD breastfeeding groups, the Healthy Families social media working group developed a two minute video blog, also known as a vlog. The vlog was filmed at the Ajax breastfeeding group and includes the lived experience of a mom attending the group. On February 1, 2018 the vlog was posted to Durham Healthy Families social media portals including YouTube, and has since received over **5,000** views.

Respectfully submitted,

Original signed by

Jean Nesbitt
Director, Population Health Division
Chief Nursing Officer



DURHAM
REGION
HEALTH
DEPARTMENT



Healthy Living

REPORT FOR JANUARY – MARCH 2018

Healthy Living

Research has shown that many Ontarians do not participate in all the CDPS activities that could keep them healthy. Previous studies have found that a prevention practitioner, a nurse who works with HCPs and their practices, can be effective at improving the uptake of CDPS activities.

DRHD is working with researchers from Sunnybrook Health Sciences Centre, St. Michael's Hospital and the U of T to implement the BETTER HEALTH: Durham Study. Funding for this study is provided by CIHR and CCS for the period from February 2017 –December 2020.

The goal of this study is to adapt the BETTER intervention from a family practice setting to a community-based strategy in designated areas in Durham Region.

The study objectives are:

1. To help people in the designated areas identify personal goals related to CDPS activities
2. To evaluate whether the BETTER intervention is effective in helping people achieve their goals and explore whether the intervention could work in other settings
3. To share results with government and other PHUs in Ontario and across Canada

Previous work by the researchers identified areas in Ontario with low household income, low cancer screening rates, and low access to primary care services. DRHD is recruiting individuals aged 40 - 64 years living in several designated areas or “clusters” within priority neighbourhoods of Oshawa and Whitby.

The BETTER intervention consists of supportive meetings between a PHN who has received specialized training as a prevention practitioner and individuals aged 40 - 64 years to review recommended CDPS. The prevention practitioner will assist participants to identify goals for accomplishing CDPS activities in the next 6 months. Promotion,

recruitment of participants and delivery of the BETTER intervention have been adapted to meet the needs of the residents through a variety of community engagement strategies including:

- Outreach with community partners and agencies including but not limited to:
 - 5 libraries, 9 recreation centres, 6 pharmacies, 7 clinics, 4 senior centres, 2 shelters, 4 recreation clubs and 3 food banks
 - CAC consisting of 19 members which includes 2 community representatives
 - PCAC consisting of 12 members which includes local HCPs and 2 CE LHIN representatives

To date there have been 5 KE activities implemented:

- October 2017 the “BETTER HEALTH Durham - protocol for a cluster RCT of BETTER in community and public health settings” was published in BMC Public Health Journal and a presentation was provided at DRHD RKES
- November 2017, a poster presentation “BETTER HEALTH Durham: a protocol for a cluster RCT of prevention practitioners engaging residents of low-income neighbourhoods in collaboration with public health and primary care” was provided at the Trillium Primary Care Research Conference and the North American Primary Care Research Group
- November 2017, a presentation “Fostering Partnerships and Moving Data to Action in an Evolving Public Health Landscape” was provided at the APHEO conference

Additional information can be found at: www.durham.ca/BETTER

Harm Reduction Program Enhancement

As per the MOHLTC mandate, DRHD is responsible for 3 areas of focus related to opioid overdose and harm reduction:

1. Developing a local opioid response plan
2. Developing a centralized naloxone distribution system for eligible community organizations
3. Developing an early warning and surveillance system

In Durham Region:

- Opioid related ED visits have increased from 160 in 2013 to 274 in 2016 (Ontario Agency for Health Protection and Promotion [PHO], 2017)
- Opioid related deaths have increased from 18 in 2013 to 41 in 2016 (PHO, 2017)

- 10% of local secondary students and 8% of elementary students reported using prescription opioid pain relievers non-medically in the past year. This demonstrates that non-medical use of prescription opioid pain relievers by students remained stable since the previous survey in 2015, but significantly declined since 2007 (OSDUHS)

Local opioid response requirements include building on and leveraging existing programs and services to increase access to programs and services. It is expected that PHUs will engage stakeholders and identify partners to support development and implementation of a local overdose response plan, informed by a population health and situational assessment to identify local needs, gaps, community challenges and issues.

As follow up to the Durham Opioid Forum, DRHD shared the Durham Opioid Forum Report with community partners to illustrate forum results and feedback provided by the **92** participants, including:

- Information shared by key partners and stakeholders about the situation locally
- Data requirements
- Key aspects of an opioid response plan as well as an early warning system

A task force was convened to move this work forward in a collaborative manner. Currently the task force consists of representation from **14** agencies, as well as individuals with lived experience. To date, the task force has identified strategic goals and directions along with 6 priority areas for action.

Naloxone distribution requirements for PHUs include assuming the role of naloxone ordering and distribution leads for community organizations, which are responsible for distributing naloxone to their clients/patients. Responsibilities also include providing training on: recognizing the signs of overdose; reducing the risk of overdose; and administering naloxone in cases of opioid overdose. PHUs are required to collate data from community organizations, support policy development at community organizations, and increase awareness of community organizations of naloxone availability.

To date, **4** eligible community organizations have received naloxone training and DRHD is also working with the **8** local municipal fire services. Additionally, approximately **75** representatives from the PVNCCDSB received training related to the signs and symptoms of overdose, and how to respond to an overdose, including the administration of naloxone. The issue of stigma and how it impacts an individual's life path, including drug addiction, was also addressed.

The public health requirements related to opioid overdose early warning and surveillance include involving relevant sector partners to establish formal data collection and reporting mechanisms to identify surges in opioid overdoses, and development of an integrated community response including an action plan to respond to surges in opioid overdoses. To date, discussions by the task force have focused on data needs, data sources and strategies for an early warning and surveillance system.

Cannabis Legalization

According to WHO, Canada has one of the highest rates of cannabis use in the world, with youth currently having the highest rates of use. In Durham Region, **33%** of secondary school students report using cannabis in the past year and almost 1 in 10 (**8%**) report they have used cannabis **40** times or more in the last 12 months. As well, **62%** of youth report that getting cannabis locally is easy. According to CAMH, the existing approach to cannabis has not deterred young people from using cannabis. As well, Canadians who carry a criminal record for cannabis possession have difficulty finding employment, housing, entering college or university and travelling.

Evidence indicates that a public health or health focused approach to cannabis legalization, which includes strong regulations, can effectively reduce youth use and related harms.

In April 2017, the Federal Government introduced the CA aimed at legalizing and regulating recreational cannabis in Canada as of July 2018. The CA includes legislation that restricts youth access to cannabis, includes safeguards to protect youth from being encouraged to use cannabis, and creates new offences for those adults who sell cannabis to youth. The CA also proposes stronger drug and alcohol-impaired driving measures and deterrents.

In November 2017, Ontario introduced legislation to regulate the use and distribution of recreational cannabis. The provincial retail system will be overseen by the LCBO. Under the proposed approach, approximately **150** standalone stores will be opened by 2020, including **40** stores by July 2018, rising to **80** by July 2019. Online distribution will also be available to service all regions of the province.

To date, the Ontario Ministry of Finance and the LCBO have identified **3** locations for stand-alone cannabis stores in Durham Region: Ajax, Oshawa and Whitby. To prepare for the legalization process, a regional workgroup was convened in order to discuss local implications. Departmental/Divisional representatives include: DRHD, DRPS, Legal, Planning, Social Services and Works. A meeting was held on February 23 to discuss legislation updates, regional updates and ongoing support to local municipalities.

DRHD continues to share information on cannabis legalization with community stakeholders. On January 8, DRHD staff attended a meeting hosted by the City of Oshawa, which also included representation from the Town of Whitby and Town of Ajax. Additionally, DRHD has provided information and support to **7** partner organizations including community agencies and local schools. DRHD participated in a meeting with public health representatives from across Ontario, in order to develop common data indicators for cannabis surveillance. As well, DRHD provided a written submission through the provincial feedback process related to proposed places of use regulations under the provincial *Cannabis Act, 2017*.

DRHD staff along with DRPS and OPP attended the *Weed out the Risk Facilitator Training* on March 12. This is an awareness raising program delivered by Springboard with support from MTO that engages youth on the issue of smoking cannabis and driving.

Respectfully submitted,

Original signed by

Jean Nesbitt
Director, Population Health Division
Chief Nursing Officer



Infectious Diseases

REPORT FOR JANUARY – MARCH 2018

IMMUNIZATION

The goal of DRHD in regard to influenza, in accordance with the OPHS, is to reduce or eliminate the burden of influenza in Ontario.

During this current 2017/2018 influenza season, individuals 6 months of age and older who live, work or go to school in Ontario can receive influenza vaccine free of charge at a variety of sites (i.e., primary care providers, CHCs, hospitals, LTCHs, participating workplaces and pharmacies).

Prior to the launch of the influenza season, DRHD nurses conducted vaccine fridge inspections of all participating sites to ensure compliance with the OPHS and to provide HCPs with information and resources to support ongoing proper vaccine storage and handling practices. DRHD nurses continued to provide ongoing communication and educational resources to HCPs to assist in educating their clients about the importance of receiving influenza vaccines and to ensure that the administered vaccines retain their potency to achieve optimal influenza vaccination uptake.

Between October 2017 and February 2018, DRHD distributed **164,250** doses of influenza vaccines to HCPs, with **58,180** doses distributed to participating pharmacies. The wide distribution of influenza vaccines to pharmacies has made receiving the flu shot easier and more accessible locally.

Children under 5 years of age and those without OHIP are identified as the priority population that requires additional support from DRHD to facilitate receipt of the influenza vaccine. Trained pharmacists can only administer influenza vaccines to individuals 5 years of age and older with a valid OHIP card. In addition, children under 5 years of age, especially those under 2 years of age are at greater risk of complications from influenza. Children at this younger age are more likely to get infected by the influenza virus or develop influenza-related complications because their immune systems are still developing. Therefore flu immunization is considered the best protection against getting and spreading the flu.

Evidence shows that children under 19 who are noted to be at risk for being under immunized include those who are in foster care, not registered with a HCP, some minority ethnic groups, non-English speaking families, children of single or teenage parents, vulnerable children such as those who are asylum seekers or homeless and those with physical or learning disabilities (NICE, 2009). The evidence also suggests that low socioeconomic status is the strongest predictor for the under-immunization of children and adults (Alberta Health Services, 2007).

As a result of the identified priority population needs, a total of **7** community immunization clinics were held in various locations in November and December 2017. In addition, DRHD catch-up clinics also provide influenza vaccines for identified priority and high-risk clients at HQ during this influenza season. To date, **203** influenza immunizations have been administered at local clinics.

To promote the importance of the influenza vaccine, a media release was issued on October 12, 2017 which resulted in **2** radio interviews and **1** television interview. In addition, DRHD nurses attended **5** community events where the influenza vaccine was promoted and resources were distributed. Information was also disseminated through durham.ca and DRHD newsletters. Posters promoting influenza messaging were also distributed to all local CCCs and schools.

Throughout November and December 2017, **28** social media posts were created for the DRHD Twitter and Facebook pages to promote flu immunization. In addition, **12** interactive Facebook posts targeted at parents were created for the Durham Healthy Families Facebook page where PHNs responded to parent's questions and comments in real time. The influenza posts consistently reached over **2,000** users, with the posts related to pregnancy and the flu vaccine reaching over **4,300** people. Together, these posts resulted in **749** likes, shares and comments.

DRHD will continue working in collaboration with key stakeholders, including primary HCPs and CHCs to bring awareness of the importance of immunizing with influenza vaccine and making it accessible to everyone in the region.

INFECTIOUS DISEASES PREVENTION AND CONTROL

DRHD is required to ensure 24/7 response to reports of infectious diseases of public health importance, calls from DOs about suspected exposures among ESWs, and vaccine storage and handling alarms within DRHD. Calls are managed after hours, according to the OPHS. In 2017, nurses on standby received **27** calls after-hours. The calls included:

- **18** immediately reportable infectious diseases
- **4** vaccine fridge alarm calls
- **1** DO call
- **4** misdirected calls

One training session was provided to orient new nursing staff to the after-hours standby responsibilities. This included a review of the diseases that must be reported after-hours and the process for case and contact management. New staff was also oriented to the after-hours standby equipment and communication processes. Specific information was provided to ensure everyone was aware of the location and method of accessing all DRHD vaccine fridges at multiple area offices. Training also included a description of the DO role and the types of calls that may come from these key stakeholders after hours.

DOs are appointed from: ESWs, firefighters, paramedics and police officers. DOs are able to obtain advice from the standby nurse after-hours about possible ESW exposures to infectious diseases. To prepare ESWs for this role, DRHD staff provided training to newly appointed paramedics and supervisors. The training included information about the purpose of the DO program, the process for assessing risk of exposure to infectious diseases, the process for submitting an application under the MBTA, as well as several case-based learning scenarios to demonstrate the potential situations that may require a call to the after-hours standby nurse.

There were **4** calls that were inappropriately directed to the after-hours standby nurse. Feedback was provided to the call centre that dispatches the after-hours calls with suggestions for improvement of its call management algorithm.

Respectfully submitted,

Original signed by

Jean Nesbitt
Director, Population Health Division
Chief Nursing Officer

Original signed by

Ken Gorman
Director, Health Protection Division



Paramedic Services

REPORT FOR JANUARY – MARCH 2018

ADMINISTRATION

RDPS has completed the MOHLTC certification review and has successfully met the legislated requirements for certification as a land ambulance operator in the Province of Ontario. This will be the 5th consecutive certification since the provincial download in 2000.

As such RDPS has received the Ambulance Service Review Draft Report which summarizes the inspection conducted from November 21-23, 2017.

RDPS has been commended by the MOHLTC for its efforts in the areas of; preparation for the certification inspection; level of service; vehicle equipment and supplies; and quality assurance.

John Riches, Superintendent Professional Standards was the RDPS team lead and was assisted by Administrative Assistant Pauline Hunt. Front line paramedic staff deserve particular recognition for their efforts in contributing to a successful review.

LOGISTICS

The Sunderland station became operational on January 26, 2018. The official ground breaking ceremony will be held on April 18, 2018.

RDPS has taken possession of three of nine front line replacement ambulances. These are expected to be in service in Spring 2018.

OPERATIONS

Increased demands on RDPS staff continue as a result of higher than normal call volumes and increases in paramedic off load delay at local hospitals. Collaboration with local hospital partners continues in an effort to address the off load challenges.

Warren Beckett, Sean Murray, and Carrie Wallace were the successful candidates to the RDPS Operational Superintendent position selection process. RDPS congratulates and welcomes Warren, Sean and Carrie to its team.

QUALITY DEVELOPMENT

RDPS has begun the recruitment process for part-time PCPs and ACPs. These recruits are expected to commence orientation on May 13, 2018.

Brock Bodashefsky, and Jessica Whitman were the successful candidates for the RDPS Quality and Development Facilitator positions.

Respectfully submitted,

Original signed by

Troy Cheseboro
Chief/ Director



The Regional Municipality of Durham Information Report

From: Commissioner and Medical Officer of Health
Report: #2018-INFO-49
Date: March 29, 2018

Subject:

2017 Annual Vector-Borne Diseases Report

Recommendation:

Receive for information

Report:

1. Purpose

- 1.1 To provide an update on Durham Region Health Department's (DRHD's) Vector-Borne Diseases (VBD) Program.

2. Background

- 2.1 DRHD's VBD Program includes the implementation of the Region's West Nile Virus (WNV) Control Plan. This plan includes larval mosquito surveillance and a larviciding program associated with catch basins, storm water management ponds and standing water. Between mid-June and September, DRHD also conducts adult mosquito surveillance that includes trapping of adult mosquitoes and sending these samples to be speciated and tested for the presence of WNV and Eastern Equine Encephalitis (EEE) virus. In addition, the program includes surveillance for EEE, Lyme disease (LD), malaria, plague, tularemia and yellow fever.
- 2.2 Effective 2008, all local public health agencies are required to prepare and submit an annual summary report to the Ontario Ministry of Health and Long-Term Care.
- 2.3 DRHD's 2017 Annual VBD Report which provides a summary of surveillance and control activities as well as surveillance results is available on the Region's website at: <https://www.durham.ca/en/health-and-wellness/resources/Documents/VBD2017YER.pdf>.

3. Highlights

3.1 The 2017 Annual VBD Report includes the following information:

- a. The report provides an executive summary which summarizes the scope of the VBD Program and the surveillance and control activities undertaken in 2017. Some of the successes and challenges related to the VBD Program are listed in the report as well.

Surveillance results related to WNV, EEE and LD are included from 2013 to 2017 as well as plans for surveillance and control activities for 2018.

- b. The number of adult mosquitoes trapped, identified and tested for WNV from 2013-2017 along with the positive WNV pools (batches) and percentage of mosquito species that are known to amplify WNV in the bird population or transmit WNV to humans are summarized. A total of 35 pools (batches) of adult mosquitoes have tested positive for WNV in Durham Region since 2013. There were 10 WNV positive pools of mosquitoes identified in Durham Region in 2017.
- c. There were 8 confirmed human cases of WNV reported in Durham Region between 2013-2017; of these, 3 were reported in 2017. In both 2015 and 2016, there was 1 confirmed and 1 probable case of WNV reported.
- d. A summary of vector control measures (catch basin and surface water larviciding) is provided. Since 2003, catch basins on Regional and municipal roadsides and selected properties have been larvicided. Roadside catch basins are treated with larvicide 3 times a season with 21 days separating each treatment.
- e. The number of standing water sites that have been monitored and treated since 2013 is provided. The number of standing water sites monitored has increased from 365 to 405 over the past 5 years while the number of larvicide treatments ranged from 625 in 2015 to 1,119 in 2017. There were 966 larvicide treatments in 2017.
- f. The total number of stagnant water complaints on private property investigated during the last 5 years is summarized. There were 127 complaints investigated between 2013 and 2017. In 2017, 28 complaints were investigated.
- g. A summary of WNV and LD from the Rapid Risk Factor Surveillance System (RRFSS) which provides information on residents' awareness and personal protective behaviours related to mosquito and tick bites and household protective behaviours related to mosquito bites is also included.
- h. There were 82 confirmed and 28 probable human cases of LD reported in Durham Region from 2013 to 2017. In 2017 there were 40 confirmed human

cases, which is a dramatic increase from previous years. Twelve of the 40 confirmed cases reported that their tick exposures most likely occurred within Durham Region.

- i. Both active (dragging) and passive tick surveillance results have revealed the presence of positive ticks within Durham Region.
- j. In 2017 there were 4 cases of malaria, and 0 human cases of EEE, plague, tularemia and yellow fever reported in Durham Region.

Respectfully submitted,

Original signed by

R.J. Kyle, BSc, MD, MHSc, CCFP, FRCPC, FACPM
Commissioner & Medical Officer of Health



Memorandum to Council

Public Works Department

To: Mayor and Members of Council

CC: M. Gaskell, Chief Administrative Officer
 C. Siopis, Manager of Corporate Communications
 C. Harris, Town Clerk
 Region of Durham, Regional Clerk

From: Suzanne Beale, Commissioner of Public Works

Date: March 27, 2018

File #: N/A

Subject: Closure of Rossland Road – Lake Ridge Road to Cochrane Street

Acknowledged by M. Gaskell, Chief Administrative Officer	
Original	To: CIP
Copy	To: S. Siopis
C.C. S.O.C. File	
Take Appr. Action	

Dear Mayor Mitchell and Members of Council:

Please be advised that on July 3, 2018, Rossland Road West will be closed from Cochrane Street west to Lake Ridge Road for approximately 5 months to allow for the completion of the outstanding Highway 412 MTO works, installation of a deep sanitary trunk sewer and the widening of Rossland Road West as related to the West Whitby Major Roads project works (reference Public Works Report: PW 14-17).

The road is planned to be opened by the end of the year 2018. The plan is for the full widening to be completed by year end but as a minimum if there are unforeseen delays, the road is to be opened to at least its current capacity. Any further works to complete the construction would be completed in 2019 and are not to require a full closure.

It should also be noted that the Town and Region of Durham staff have worked closely together in an effort to mitigate construction impacts of the major construction projects in the area. In particular, the Region had planned to initiate the construction of the Brock Street widening north of Rossland Road to Taunton Road in 2018. While the Brock Street construction does not require a full closure, undertaking the works at the same time as the Rossland Road closure would create significant traffic impacts in the area.

Given the significance of the Rossland project to the Town's development plans, the Region has agreed to deferring Brock Street construction to early 2019. The timing for adjacent intersection works in 2019/2020 would also be shifted accordingly. This is with

the understanding that Rossland Road would be re-opened at the latest before the end of the year so that advanced works (e.g. temp signals) on Brock Street can commence over the Winter/Spring. The Region's Cochrane St/CPR bridge is also planned for Summer 2018 rehabilitation work and will involve some lane restrictions and temporary signal work, however the impacts could be addressed to a certain extent through staging. The Town also has a provisional item in its resurfacing contract to do resurfacing work on Rossland Road west of Cochrane Street, which would occur during the closure when traffic volumes are reduced.

Staff at the Region and Town have endeavoured to coordinate works to the best of our ability, recognizing the demands of growth and development, and in light of the MTO area projects, to address and mitigate the broader transportation network interests and impacts.

Local (only) access will be permitted between Cochrane Street and McQuay Boulevard to service All Saints Catholic Secondary School, Donald A. Wilson Secondary School, Whitby Iroquois Soccer Club, and the Kingdom Hall Church. Access between Lake Ridge Road and McQuay Boulevard will be restricted to construction vehicles only.

Please refer to the attached map for your reference.

Public Notifications will be provided to Emergency Services (Fire / Police / EMS), the School Boards, Durham Transit, the Town of Ajax, Whitby Iroquois Soccer Club and the Kingdom Hall Church. Additionally, the Public Notification will appear in the local paper publications.

Advance signage notifying motorists of the closure is anticipated to be installed one month prior to the closure.

Prior to the road closure, there will be on-going construction activities (e.g. installation of sediment control measures and relocation of hydro poles) in this area managed through appropriate on-site traffic management and monitored by Town staff.

Public Works realizes the closure will be disruptive and communications regarding the project will be ongoing to the public to provide status updates on its progress.

Should you have any questions regarding the above, please do not hesitate to contact me.

Regards,

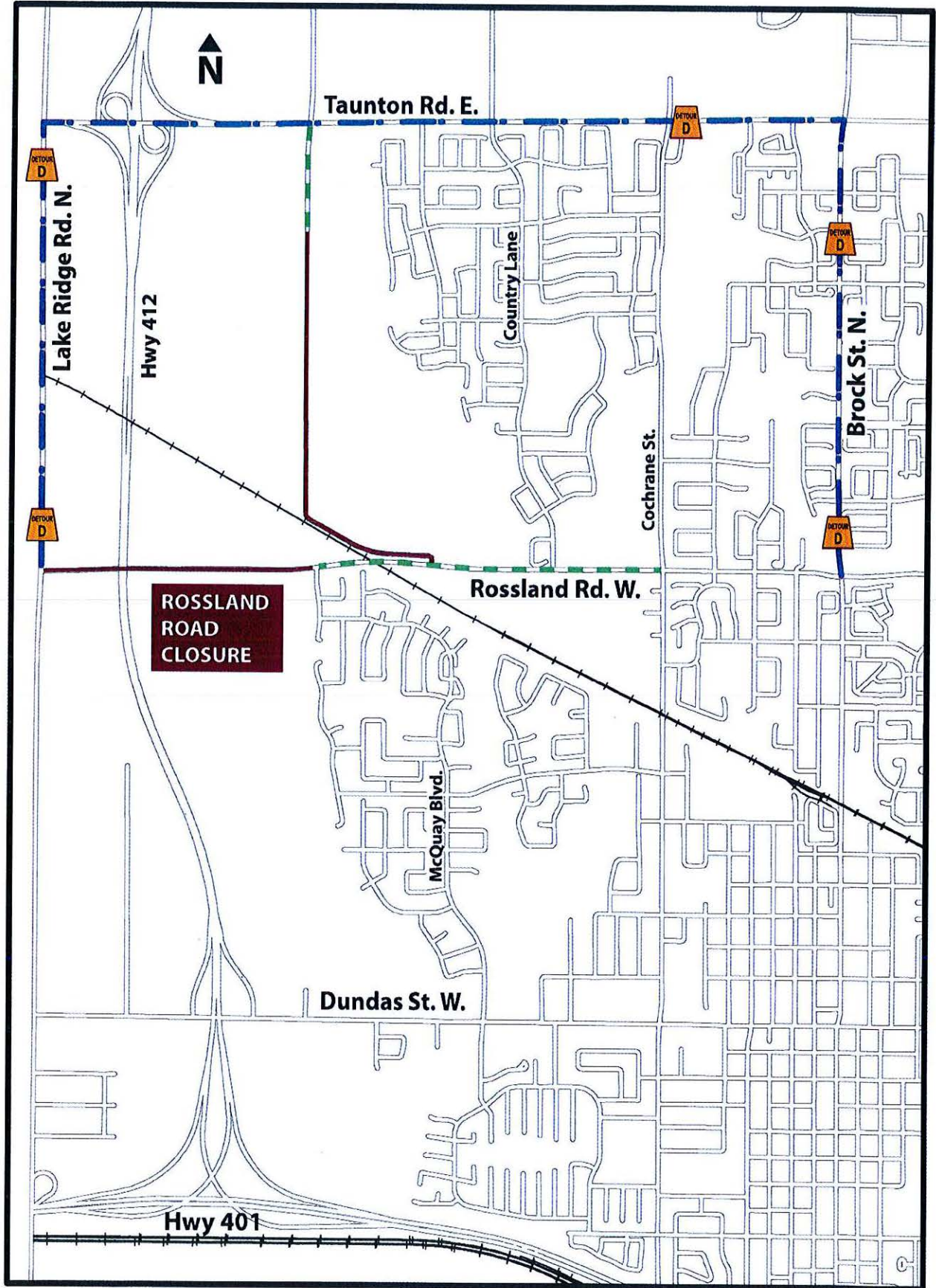


Suzanne Beale, P.Eng, PTOE
Commissioner of Public Works

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sbv1.docx

ROSSLAND ROAD WEST CONSTRUCTION PROJECT

Detour Route



— Full Closure - - - Local Traffic Only — DETOUR D — Detour Route

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 2097.

The Regional Municipality of Durham

MINUTES

DURHAM AGRICULTURAL ADVISORY COMMITTEE

March 20, 2018

A regular meeting of the Durham Agricultural Advisory Committee was held on Tuesday, March 20, 2018 in Boardroom 1-B, Regional Municipality of Durham Headquarters, 605 Rossland Road East, Whitby at 7:32 PM

Present: Z. Cohoon, Federation of Agriculture, Chair
T. Watpool, Brock, Vice-Chair
E. Bowman, Clarington
B. Howsam, Member at Large
J. Henderson, Oshawa
K. Kemp, Scugog
K. Kennedy, Member at Large
G. O'Connor, Regional Councillor
D. Risebrough, Member at Large
B. Smith, Uxbridge
B. Winter, Ajax

Absent: F. Puterbough, Member at Large, Vice-Chair
H. Schillings, Whitby
I. Bacon, Member at Large
G. Taylor, Pickering

Staff

Present: K. Kilbourne, Project Planner, Department of Planning and Economic Development
L. MacKenzie, Program Coordinator, Department of Planning and Economic Development
P. Veiga, Supervisor, Waste Management Services, Works Department, left the meeting at 8:02 PM
N. Prasad, Committee Clerk, Corporate Services – Legislative Services

1. Adoption of Minutes

Moved by K. Kemp, Seconded by B. Howsam,
That the minutes of the Durham Agricultural Advisory Committee meeting held on February 13, 2018 be adopted.

CARRIED

2. Declarations of Interest

There were no declarations of interest.

3. Delegation

A) Bob Broadstock, Quarter Racing Owners of Ontario Inc. (QROOI), Ajax Downs

B. Broadstock, Quarter Racing Owners of Ontario Inc. provided a verbal presentation with regards to the quarter horse racing industry. He stated that there are concerns that the Ajax Downs Casino will be moved to a proposed development, Durham Live, in the City of Pickering. B. Broadstock stated that having the Ajax Downs Casino connected with the race track helps keep the quarter horse racing industry viable, primarily from the sharing of costs and attraction of the gaming facility. He stated that if the Ajax Downs Casino is moved, the costs, property taxes, and maintenance of the facility would have to be covered solely by the race track operator. QROOI is investigating race track options, including looking at other potential locations in Durham, should the gaming facility be relocated.

B. Broadstock advised that approximately 300 families in Durham Region depend on the horse racing industry for their livelihood. He also advised that 25,000 acres of land in Durham Region is farmed to support the horses in the industry and that the industry draws in other services that have broader benefits for the local agricultural community, such as high quality veterinary services. B. Broadstock stated that should the Ajax Downs Casino be moved, it is important that there be provisions in place to ensure the continued viability of quarter horse racing in the community.

Discussion ensued with regards to the economic importance of the horse racing industry to Durham Region.

Moved by K. Kemp, Seconded by B. Winter,

That we recommend to the Committee of the Whole for approval and subsequent recommendation to Regional Council:

That whereas the quarter horse racing industry is an important part of the rural economy in Durham Region, a letter of support be provided to support the quarter horse racing industry and related businesses in Durham Region.

CARRIED

4. Presentation

A) Peter Veiga, Supervisor, Waste Management Services, Works Department, Region of Durham, Bale Wrap Recycling Program Changes

P. Veiga, Supervisor, Waste Management Services, Works Department, provided a PowerPoint presentation with regards to the Durham Region Waste Management Bale Wrap Recycling Program.

P. Veiga stated that the Bale Wrap Recycling Program started in 2005 as a one year pilot at the Scugog Waste Management Facility and expanded in 2006 to the Oshawa, Brock and Scugog Waste Management Facilities. He advised that dedicated loads of clean, white agricultural bale wrap is accepted at the three regional Waste Management Facility sites and must be delivered free of debris, must be untied, and weigh less than 5 kgs each. He stated that the program is free for area farmers.

P. Veiga stated that bale wrap was collected and processed by Think Plastics Inc. under a no cost contract. However, in 2015, Think Plastics Inc. closed, leaving material stockpiling at the regional Waste Management Facility sites. He advised that there are currently no Ontario processors who collect loose material from municipal depots and that staff is investigating alternative plastic film recycling opportunities as well as market and partnership opportunities. P. Veiga further advised that Durham will continue to accept bale wrap free of charge at the Waste Management Facility sites while it continues to investigate alternate recycling bale wrap markets.

5. Discussion Items

A) Regional Official Plan Amendment 2018-001, Youngfield Farms Limited

A copy of the Application to Amend the Durham Regional Official Plan, submitted by Youngfield Farms Limited to permit the severance of a dwelling rendered surplus as a result of the consolidation of a non-abutting farm parcel in the Township of Scugog, File: OPA 2018-001 was provided as Attachment #2 to the Agenda. Discussion ensued with regards to the details surrounding the proposed severance.

Moved by D. Risebrough, Seconded by T. Watpool,

That the Durham Agricultural Advisory Committee supports the Application to Amend the Durham Regional Official Plan, submitted by Youngfield Farms Limited to permit the severance of a dwelling rendered surplus as a result of the consolidation of a non-abutting farm parcel in the Township of Scugog, File: OPA 2018-001.

CARRIED

B) Opportunities for collaboration with Durham Active Transportation Committee

K. Kilbourne advised that the Durham Active Transportation Committee will be attending the May DAAC meeting to provide a presentation.

C) Joint Workshop with DEAC Update

K. Kilbourne advised that a copy of Information Report #2018-INFO-42 of the Commissioner of Planning and Economic Development regarding the Durham Climate Change Symposium, was provided to Regional Council members by way of the March 9, 2018 Council Information Package.

D) Durham Region Climate Change and Agriculture Expert Task Force Update

K. Kilbourne advised that the first meeting of the Durham Region Climate Change and Agriculture Expert Task Force was held on March 19, 2018. She confirmed that E. Bowman and D. Risebrough attended. Discussion ensued with regards to membership gaps and the need to recruit more farm representation from the soil and crop industry, the Durham Dairy Farmers, the Durham Region Federation of Agriculture and the Grain Farmers. The next Expert Task Force meeting is scheduled for April 16, 2018.

E) 2018 DAAC Farm Tour

Discussion ensued with regards to deciding on speakers for the Tour as well as setting up a site visit. The sub-committee agreed to meet on April 28, 2018 to discuss further logistics of the Farm Tour.

F) Rural and Agricultural Economic Development Update

L. MacKenzie provided the following update on behalf of Agriculture and Rural Affairs, Department of Planning and Economic Development:

- With regards to the Local Food Business Retention and Expansion Project, staff is on target and is hoping to interview 80 businesses.
- Presentations from Durham Farm Connections and Durham Farm Fresh Marketing Association were well received at the March 7, 2018 Committee of the Whole meeting.
- Janet Horner, Golden Horseshoe Food and Farming Alliance, will be providing a presentation at the Committee of the Whole on April 4, 2018 regarding a local food procurement project to raise awareness about local food in long term care homes. A handout with detailed information was provided to committee members.
- OMAFRA has extended an invitation to the agricultural community to a webinar to learn more about the Agricultural Impact Assessment Guidance Document and to give an opportunity to ask questions. The webinar is scheduled for March 28, 2018 from 1:30 PM to 3:30 PM and will be held in Meeting Room 1R at Regional Headquarters.

- The Clarington Agricultural Summit is scheduled for March 23, 2018 from 9 AM to 1 PM at the Newcastle Village Community Hall.
- There is a Local Food Business Networking Event being held on April 10, 2018 from 10 AM to 1:30 PM at Bistro '67, Durham College.

6. Information Items

A) Climate Change Symposium (2018-INFO-42)

A copy of Report #2018-INFO-42 of the Commissioner of Planning and Economic Development regarding the Climate Change Symposium, was provided as Attachment #3 to the Agenda.

B) Appointment of Councillor Ted Smith to the Royal Agricultural Winter Fair Association Board of Governors

A copy of correspondence from R. Walton, Regional Clerk/Director of Legislative Services, regarding the appointment of Councillor Ted Smith of the Township of Brock as Regional Council's representative to the Royal Agricultural Winter Fair Association Board of Governors was provided as Attachment #4 to the Agenda.

7. Other Business

A) Regional Development Charges By-law

K. Kilbourne advised that the Region is looking at updating the Regional Development Charges By-law. She advised that DAAC will have an opportunity to provide comments.

B) Agricultural Impact Assessment Guidance Document

K. Kilbourne advised that the Ontario Ministry of Agriculture, Food and Rural Affairs has posted the draft Agricultural Impact Assessment Guidance Document for public comment on the Environmental Registry. Comments will be accepted between March 15 and July 13, 2018. K. Kilbourne advised that she will provide a presentation to the committee at the April meeting with regards to what is being proposed.

C) Public Meeting re: Application to Amend the Durham Regional Official Plan

K. Kilbourne advised that the Region is considering an amendment to the Durham Regional Official Plan to implement a number of changes recommended through the new Transportation Master Plan. A public meeting is being held during the Committee of the Whole meeting on April 4, 2018 at 9 AM in Council Chambers to provide an opportunity for interested parties and the public to comment.

8. Date of Next Meeting

The next regular meeting of the Durham Agricultural Advisory Committee will be held on Tuesday, April 10, 2018 starting at 7:30 PM in Boardroom 1-B, Level 1, 605 Rossland Road East, Whitby.

9. Adjournment

Moved by E. Bowman, Seconded by T. Watpool,
That the meeting be adjourned.
CARRIED

The meeting adjourned at 8:44 PM

Z. Cohoon, Chair, Durham
Agricultural Advisory Committee

N. Prasad, Committee Clerk

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 2097.

The Regional Municipality of Durham

MINUTES

DURHAM ENVIRONMENTAL ADVISORY COMMITTEE

March 22, 2018

A regular meeting of the Durham Environmental Advisory Committee was held on Thursday, March 22, 2018 in Boardroom 1-B, Regional Municipality of Durham Headquarters, 605 Rossland Road East, Whitby at 7:02 PM.

Present: O. Chaudhry, Pickering
S. Clearwater, Whitby
C. Duffy, Post-Secondary Member
J. Henry, Regional Councillor, City of Oshawa
G. Layton, Uxbridge, Member at Large
H. Manns, Chair, Clarington
K. McDonald, Uxbridge
W. Moss-Newman, Oshawa
K. Murray, Clarington, Member at Large
C. Pettingill, Second Vice-Chair, Brock
E. Porter, Youth Member
K. Sellers, First Vice-Chair, Ajax
D. Stathopoulos, Member at Large
M. Thompson, Ajax, Member at Large

Absent: G. Carpentier, Scugog
C. Junop, Youth Member

Staff

Present: A. Bathe, Project Planner, Planning & Economic Development Department
S. Penak, Committee Clerk, Corporate Services – Legislative Services

1. Approval of Agenda

Moved by K. McDonald, Seconded by K. Sellers,
That the agenda for the March 22, 2018, DEAC meeting, as
presented, be approved.

CARRIED

2. Declarations of Interest

There were no declarations of interest.

3. Adoption of Minutes

Moved by K. Sellers, Seconded by O. Chaudhry,
That the minutes of the regular DEAC meeting held on Thursday,
February 15, 2018 be adopted.
CARRIED

4. Presentations

A) Diana Shermet, Central Lake Ontario Conservation Authority (CLOCA), re:
Invasive Species (Phragmites)

D. Shermet provided a presentation titled CLOCA Invasive Species
Management Strategy.

Highlights from the presentation included:

- Outline
- Background
- Accomplishments
- Identifying Gaps & Moving Forward
- CLOCA Invasive Species Management Strategy (ISMS) (2017-2027)
- Phragmites Specific Projects
 - Mapping;
 - Management; and
 - Partnerships
- Phragmites Mapping
- 2015 versus 2017
 - Reduction in stem density by 71%
 - Greater diversity of native species present – 15 native species observed
- Phragmites Management
- 2017
- Partnerships
- Questions

D. Shermet advised that CLOCA has been informally addressing invasive species through a holistic approach since 1995. CLOCA developed an Invasive Species Management Strategy (ISMS) in November 2010 that outlines eight key areas of focus: Prevention; Communication; Best Management Practices; Prioritization; Implementation; Collaborations; Policy; and Research and Monitoring. She noted that the goal of CLOCA's ISMS is

to protect the native biodiversity of CLOCA's watersheds from the threat of invasive species.

D. Shermet noted a key objective of CLOCA's ISMS is to work with partners to communicate the threats of invasive species and educate the public on how to prevent, detect, respond and manage invaders. She stated a few of the current partnerships include the Phragmites Adaptive Management Framework (PAMF) and providing advice and expertise to municipal staff.

D. Shermet also noted that during phragmites mapping at Heber Downs Conservation Area which is a provincially significant area, rare and uncommon species were found.

D. Shermet responded to questions from the Committee regarding how Durham Region compares to other municipalities as it relates to phragmites growth; the duration of phragmites regrowth after treatment and whether follow-up will occur on remaining stocks; the process of flattening the stocks and what chemical is used; other technologies available to reduce or eliminate phragmites; the effect the herbicide has on the other native species in the treated areas; and whether workshops are given to municipalities on invasive species management strategies.

5. Items for Action

A) DEAC Awards Subcommittee Recommendations – vote on award winners

A. Bathe reviewed the sub-committee process used to select the recipients for the 2018 Environmental Achievement Awards. K. McDonald presented the sub-committee's recommendations for the recipients of the George A. Scott Stewardship Award, Dr. J. Murray Speirs Restoration Award, Irene Kock Education/Communication Award, Eric Krause Innovative Plans/Policies/Initiatives Award, Jessica Markland Partnerships Award, and Evelyin Stroud Lifetime Achievement Award.

Discussion ensued regarding the recommended recipients.

Moved by Councillor Henry, Seconded by M. Thompson,
That the sub-committee's recommended recipients of the Eric Krause Innovative Plans/Policies/Initiatives Award, George A. Scott Stewardship Award, Dr. J. Murray Speirs Restoration Award, Irene Kock Education/Communication Award, Jessica Markland Partnerships Award, and Evelylin Stroud Lifetime Achievement Award be submitted to the Committee of the Whole as DEAC's nominations for the 2018 Environmental Achievement Awards.

CARRIED

B) DEAC Awards Volunteers

Discussion ensued regarding the format for the evening. It was the consensus of the Committee to stay with the same format as last year's DEAC awards and to have the committee members present the awards to the winners.

A. Bathe explained that volunteers will be required to assist with the registration table and to greet attendees at the entrances of the building. A. Bathe will create a Google Document and send out for the Committee to select what positions they would be interested in volunteering for that evening.

A. Bathe will follow up with staff regarding the logistics of rescheduling the May DEAC meeting from May 17, 2018 to May 30, 2018 in order to have the DEAC meeting occur after the 2018 DEAC Awards being held on May 30, 2018.

C) Discussion of the role of DEAC in environmental education

Discussion took place regarding ways in which DEAC could become more involved or proactive in the community and how to assist in providing environmental education in future projects.

It was suggested that DEAC send an invitation to the Works Department and Health Department offering DEAC's services at the beginning stages of any project to discuss strategies on how to connect more to the public. A. Bathe stated that departmentally there is a project manager for each project that staff member would be the most knowledgeable about all aspects of the project from beginning to end. If a member of the public was unsure about the information, the project manager would be the individual to go to. She also noted that a lot of the documents associated with projects get public-facing through the environmental registry or project website for consultation.

Suggestions included:

- Posting and sharing the topics of presentations coming to DEAC Committee meetings on personal social media sites; and
- Informing A. Bathe of potential topics or specific speakers the Committee would be interested in learning or hearing about, such as include:
 - The Ontario Municipal Board being replaced with the Local Planning Appeal Tribunal (LPAT);
 - A presentation from any municipal planner in order to understand the process of completing a project from start to finish;
 - A tandem presentation between a regional planner and a lower tier municipal planner; and
 - The provincial planning process presentation given at Durham Region Roundtable on Climate Change.

6. Items for Information

- A) Commissioner's Report #2018-INFO-27 – Summary of Commissioners Delegated Planning Approval Authority and 2017 Report on Planning Activities

A copy of Report #2018-INFO-27 of the Commissioner of Planning and Economic Development was received as Attachment #2 to the agenda.

Discussion ensued regarding the approval and justification process for amending the Regional Official Plan specifically the permit to expand the VicDom Sand and Gravel pit in the Township of Brock and the two additional golf courses in Uxbridge.

Discussion also ensued regarding the funding Clarington recently received from the 407 funds to plant 80,500 trees at the top of Soper Creek and Bowmanville Creek. A. Bathe advised that she would contact local municipalities regarding where the funding goes and if there is an application process to receive such funding.

- B) Commissioner's Report #2018-INFO-30 – Agricultural and Rural Affairs E-Newsletter – February 2018

A copy of Report #2018-INFO-30 of the Commissioner of Planning and Economic Development was received as Attachment #3 to the agenda.

- C) Commissioner's Report #2018-INFO-39 – Monitoring of Land Division Committee Decisions of the February 12, 2018 meeting

A copy of Report #2018-INFO-39 of the Commissioner of Planning and Economic Development was received as Attachment #4 to the agenda.

D) Commissioner's Report #2018-INFO-42 – Durham Climate Change Symposium

A copy of Report #2018-INFO-42 of the Commissioner of Planning and Economic Development was received as Attachment #5 to the agenda.

H. Manns informed the Committee that the Agricultural Task Force and the Food Security Task force will be re-launched.

E) Central Lake Ontario Conservation Year in Review

A copy of the Central Lake Ontario Conservation Year in Review was received as Attachment #6 to the agenda.

Moved by Councillor Henry, Seconded by K. McDonald,
That Information Items A) to E) inclusive, be received for information.

CARRIED

7. Other Business

A) Port Granby Project Citizen Liaison Group (CLG)

S. Clearwater stated that the tour and orientation will be taking place Wednesday March 28, 2018 from 4:00-6:30 PM.

B) Bee Condominiums

A. Bathe informed the Committee that Costco is currently selling bee condominiums. K. McDonald noted that the bee condominiums can be high maintenance and need to be cleaned on a regular basis once the larvae have emerged.

Councillor Henry informed the Committee that NAV CANADA set up two beehives at the Oshawa Executive Airport last summer. Local NAV CANADA air traffic control tower staff collected the honey and then sold it which raised \$4,000. NAV CANADA matched that amount and \$8,000 was donated to Hope Air which provides free flights to those in financial need to receive medical care far from their home.

C) Southeast Collector (SEC) Trunk Sewer Project

H. Manns noted that she took part in a teleconference relating to the environmental assessment report of the Southeast Collector Trunk Sewer Project.

Discussion ensued regarding the southeast collector trunk sanitary sewer replacement of the watermain through Scarborough. Through the environmental assessment report to the Ministry of the Environment, no odour issues were noted and no ammonium was detected in the air.

S. Clearwater asked how the high density condominium buildings affect the loading; whether builders have to show they are not changing groundwater flow; and if the builders are responsible for any changes in run off. H. Manns stated that she would follow up on that.

D) News from around the table

K. Sellers noted that tree planting season is coming up.

E. Porter informed the Committee that she had recently returned from Boulder City, Colorado where they are aiming to become a zero waste city.

8. Next Meeting

The next regular meeting of the Durham Environmental Advisory Committee will be held on Thursday, April 19, 2018 starting at 7:00 PM in Boardroom 1-B, Level 1, 605 Rossland Road East, Whitby.

9. Adjournment

Moved by Councillor Henry, Seconded by K. Murray,
That the meeting be adjourned.

CARRIED

The meeting adjourned at 8:40 PM

H. Manns, Chair, Durham Environmental
Advisory Committee

S. Penak, Committee Clerk

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 2097.

Regional Municipality of Durham

MINUTES

DURHAM REGION ROUNDTABLE ON CLIMATE CHANGE

March 9, 2018

A regular meeting of the Durham Region Roundtable on Climate Change was held on Friday, March 9, 2018 in Boardroom LL-C, Regional Municipality of Durham Headquarters, 605 Rossland Road East, Whitby at 1:00 PM.

Present: R. Gauder, Citizen Member, Chair
Councillor Ashe, Finance & Administration Committee
Councillor Ballinger, Works Committee
B. Bridgeman, Commissioner of Planning and Economic Development, Alternate
C. Desbiens, Citizen Member
Councillor Glead, Health and Social Services Committee
D. Hoornweg, Citizen Member
J. Kinniburgh, Citizen Member
H. Manns, Citizen Member
Councillor Mitchell, Planning & Economic Development Committee, attended the meeting at 1:23 PM
B. Neil, Citizen Member
R. Plaza, Citizen Member
J. Solly, Citizen Member
Z. Vonkalckreuth, Citizen Member
M. Vroegh, Citizen Member, Vice-Chair

Absent: G.H. Cubitt, Chief Administrative Officer
T. Hall, Citizen Member
C. Mee, Citizen Member
K. Shadwick, Citizen Member
Regional Chair Anderson

Staff

Present: A. Bathe, Project Planner, Strategic Planning, Planning and Economic Development
R. Bockhop, Communications Co-ordinator, Corporate Communications, Office of the CAO attended the meeting at 1:04 PM
A. Gibson, Director of Corporate Policy and Strategic Initiatives, Office of the CAO
D. Hoge, Program Coordinator, Climate Change, Office of the CAO
B. Kelly, Manager of Sustainability, Office of the CAO
T. Lavery, Communications Manager, Corporate Communications, Office of the CAO attended the meeting at 1:04 PM
C. Slaughter, Works Technician, Waste Management, Works
N. Prasad, Committee Clerk, Corporate Services – Legislative Services

1. Adoption of Minutes

Moved by Councillor Ballinger, Seconded by D. Hoornweg,
That the minutes of the regular Durham Region Roundtable on
Climate Change meeting held on February 9, 2018, be adopted.
CARRIED

2. Declarations of Interest

There were no declarations of interest.

3. The Upcoming Municipal Comprehensive Review of the Durham Region Official Plan

A) Brian Bridgeman, Commissioner of Planning and Economic Development,
Region of Durham re: The Upcoming Municipal Comprehensive Review of
the Durham Region Official Plan

B. Bridgeman provided a PowerPoint presentation titled, "The Upcoming Municipal Comprehensive Review of the Durham Region Official Plan". A copy of the presentation was provided to the Committee prior to the meeting as Attachment 2 to the agenda. [A revised copy of the PowerPoint was provided to committee members subsequent to the meeting].

Highlights from the presentation included:

- Overview
- Regional vs. Local Responsibilities
- Planning Framework
- The Regional Official Plan
- Regional Structure
- The Municipal Comprehensive Review
- Scope of Work - Growth Management
- Scope of Work - Transportation Master Plan Implementation
- Scope of Work - Housing Strategy
- Scope of Work - Agricultural, Rural and Environment
- Scope of Work - Sustainability
- Community Consultation

B. Bridgeman advised that the Durham Regional Official Plan guides Regional growth and development and works towards building better communities in a sustainable way. He provided an overview of regional and local responsibilities; as well as the planning framework.

B. Bridgeman stated that the Official Plan functions as the basis for all land use and infrastructure decisions by Regional Council; establishes growth management policies, a land use structure and an integrated transportation network; gives consideration to the natural environment and the conservation

of resources; and provides policies regarding the preparation of area municipal official plans and various development proposals.

B. Bridgeman stated that the *Planning Act* requires that the Region prepare and maintain an official plan and review it every 5 years to achieve conformity with the updated Provincial Plans by mid-2022. He stated that the Municipal Comprehensive Review establishes a progressive and forward looking planning vision for the Region to 2041.

B. Bridgeman responded to questions of the Committee regarding the Ontario Municipal Board reform; differences between the old and new Greenbelt Plan and whether the boundaries of the Greenbelt Plan have been affected; rural lot creation; clarification regarding provincial requirements of greenhouse gas reduction by 2041; servicing of employment lands; clarification of healthy communities; the impact on infrastructure; importance of increasing capabilities of infrastructure to accommodate density; whether there is a mechanism in place to show what Durham would look like with double the population; and the engagement of stakeholders in providing substantive input.

4. **Other Business**

A) Ministry of Energy Meeting on Climate Adaptation in the Energy Sector Event

D. Hoornweg advised that he attended with T. Hall on March 2, 2018, a Ministry of Energy event looking at climate resilience in the energy sector in Ontario.

B) St. Mary's Cement

R. Plaza advised that St Mary's Cement has been involved in ongoing discussions with Durham Region and General Motors related to low-carbon fuels for possible use at the Bowmanville facility.

C) Ontario Good Roads Association Conference

Councillor Ballinger advised that he attended the 2018 Ontario Good Roads Association Conference on February 25, 2018. He advised that one of the speakers was Janette Sadik-Khan who is one of the world's foremost authorities on transportation and urban transformation who has worked with mayors around the world to reimagine and redesign their cities. He stated that it was inspiring to hear her discussion and views on traffic.

D) Green Ontario Fund

M. Vroegh advised that GreenON Industries Program will provide up to \$200 million in matching funding for eligible projects that reduce greenhouse gas pollution in the production of goods by large emitters and other industrial, commercial and institutional facilities. He advised that there are a number of applicants and a significant amount of projects.

5. **Date of Next Meeting**

The next regular meeting of the Durham Region Roundtable on Climate Change will be held on Friday, April 13, 2018 starting at 1:00 PM in Room LL-C, Regional Headquarters Building, 605 Rossland Road East, Whitby.

6. **Adjournment**

Moved by J. Solly, Seconded by Councillor Ashe,
That the meeting be adjourned.
CARRIED

The meeting adjourned at 2:07 PM.

R. Gauder, Chair, Durham Region
Roundtable on Climate Change

N. Prasad, Committee Clerk