

April 2015



## CNHHE NEWS

There is a lot of news on the environmental health front. However, we would like to highlight two important opportunities to participate in the CMP process for several potentially or declared toxic substances. The first is a Public Comment Period (PCP) open on the **proposed approach to the assessment of nanomaterials** and the second is a PCP on the **proposed exemptions to the prohibition** of certain toxic flame retardants and non-stick coatings (HBCD, PFOA, LC-PFCAs, PFOS, and PBDEs) as per below.

Please let us know if you are interested in adding your voice to jointly created comments on the assessment or management of these substances via a webinar during either PCP. Your interest is needed!! We will find at least one expert for each hour-long call.

### Call for Proposals

#### Canadian Health Measures Survey (CHMS) Biobank call for proposals

From May 1 to June 30, 2015 Statistics Canada is inviting researchers to apply for access to blood, urine and DNA samples from the Biobank of the Canadian Health Measures Survey (CHMS) for use in health studies. The biospecimens are available to any Canadian researcher that completes a review process and would benefit from a national population survey of about 5,600 participants per collection cycle. For more information, please see <http://www.statcan.gc.ca/eng/survey/household/5071q>.

### Latest News from the CMP:

#### Nanomaterials:

A consultation document on the Proposed Approach to Address Nanoscale Forms of Substances on the *Domestic Substances List* was published for a **60-day public comment period ending on May 17, 2015**.

<http://www.ec.gc.ca/lcpe-cepa/default.asp?lang=En&n=1D804F45-1>

**Addition of HBCD, PFOA, LC-PFCAs, PBDEs and PFOS to the *Prohibition of Certain Toxic Substances Regulations, 2012* with some exemptions:**

The proposed Amendments) were published in the *Canada Gazette*, Part I for a **75-day public comment period ending on June 18, 2015**.

The Prohibition Regulations are a multi-substance risk management instrument used to prohibit the manufacture, use, sale, offer for sale and import of 22 toxic substances and products containing these substances, with a number of exemptions. The proposed amendments would add five substances: HBCD, PFOA, LC-PFCAs, PBDEs and PFOS with some exemptions.

For straight-forward information, please see this [Fact Sheet](#)

Or visit the following websites:

- *Regulations Amending the Prohibition of Certain Toxic Substances Regulations, 2012*: <http://ec.gc.ca/lcpe-cepa/eng/regulations/DetailReg.cfm?intReg=226>
- HBCD: <http://www.ec.gc.ca/toxiques-toxics/Default.asp?lang=En&n=98E80CC6-1&xml=58F1CC80-7565-49EA-BC75-1739EC20DF1A>
- PFOA and LC-PFCAs: <https://www.ec.gc.ca/toxiques-toxics/Default.asp?lang=En&n=6B9B6B28-1&xml=F68CBFF1-B480-4348-903D-24DFF9D623DC>
- PBDEs : <http://www.ec.gc.ca/toxiques-toxics/Default.asp?lang=En&n=98E80CC6-1&xml=5046470B-2D3C-48B4-9E46-735B7820A444>
- PFOS: <http://www.ec.gc.ca/toxiques-toxics/default.asp?lang=En&n=ECD5A576-1>

### **Dyes of the Aromatic Azo and Benzidine-based Substance Grouping**

The final screening assessment for Certain Azo Direct Dyes and Certain Azo Reactive Dyes of the Aromatic Azo and Benzidine-based Substance Grouping was published.

The final screening assessment for Certain Azo Metal Complexes and Other Azo Substances of the Aromatic Azo and Benzidine-based Substance Grouping was published.

[http://chemicalsubstanceschimiques.gc.ca/group/azo\\_benzidine/dyes-colorants-eng.php](http://chemicalsubstanceschimiques.gc.ca/group/azo_benzidine/dyes-colorants-eng.php)

### **A Proposed Notice Requiring the Preparation and Implementation of Pollution Prevention Plans in Respect of Hydrazine Related to the Electricity Sector** was published for a **60-day public comment period ending June 20, 2015**. The Government of Canada will no longer pursue the application of the Significant New Activity (SNAc) provisions for this substance.

<http://www.chemicalsubstanceschimiques.gc.ca/challenge-defi/batch-lot-10/risk-risque-eng.php>

### **Domestic Substances List Inventory Update**

An Order amending the *Domestic Substances List* to apply the Significant New Activity provisions of the *Canadian Environmental Protection Act, 1999* to quinoline (CAS RN 91-22-5) was published.

<http://www.chemicalsubstanceschimiques.gc.ca/challenge-defi/quinoline-quinoleine-eng.php>

### **Articles of Interest:**

From **Canadians for a Safe Learning Environment (CASLE)**

- [E-newsletter](#)
- Re-developed website [www.CASLE.ca](http://www.CASLE.ca)
- Canadian Health Schools Day Website [www.healthyschoolsday.ca](http://www.healthyschoolsday.ca)

From **Canada's Ecofiscal Commission**

<http://www.ecofiscal.ca/wayforward/>

From the **NB Children's Environmental Health Collaborative:**

### **Science-based articles**

Mar 24, 2015: Traffic-related air pollution linked to Type 1 Diabetes in children: <http://www.euractiv.com/sections/health-consumers/traffic-related-air-pollution-linked-type-1-diabetes-children-313182>

Mar 23, 2015: Kids' Exposure to Second-hand smoke: tied to clogged arteries when they become young adults: <http://www.reuters.com/article/2015/03/23/us-secondhand-smoke-kids-arteries-idUSKBN0MJ2DZ20150323>

January 2015: Canadian study: Breathing diesel exhaust fumes induces DNA changes: <http://www.vancouversun.com/technology/Breathing+diesel+exhaust+induces+change+s+study+finds/10710209/story.html>

February 15, 2015: American study: Air pollution linked to higher risk of suicide: <http://www.medicaldaily.com/air-pollution-linked-higher-risk-suicide-how-short-term-exposure-might-change-brain-322288>

January, 2014: Childhood cancer and traffic-related air pollution exposure in pregnancy and early life: [http://www.cehn.org/files/January\\_AOM\\_2014.pdf](http://www.cehn.org/files/January_AOM_2014.pdf)

August, 2010: Minimizing children's non-residential exposure to traffic-related pollution: [http://www.nceh.ca/sites/default/files/Children\\_Exposure\\_Traffic\\_Pollution\\_Aug\\_2010.pdf](http://www.nceh.ca/sites/default/files/Children_Exposure_Traffic_Pollution_Aug_2010.pdf)

### **Popular press**

April 1, 2015: Call for action on pollution as emissions linked to respiratory illnesses double: <http://www.theguardian.com/environment/2015/apr/02/call-for-action-on-pollution-as-emissions-linked-to-respiratory-illnesses-double>

