

Cumulative Effects Assessment in Air Approvals

Title	Cumulative Effects Assessment in Air Approvals
Data or Application Type	Interactive Map
Abstract	<p>The Cumulative Effects Assessment in Air Approvals is a policy in Ontario to consider how air emissions of harmful pollutants from multiple sources in a geographic area, such as industry and transportation, could impact ambient air quality.</p> <p>The policy applies to air emissions of benzene and benzo[a]pyrene in the Hamilton/Burlington area and benzene in the Sarnia/Corunna area. The monitored levels for these contaminants exceed the ministry's ambient air quality criteria (AAQCs) on an annual average basis. These areas also have multiple industrial facilities regulated by the local air quality regulation. In order to have a better understanding of the areas where the AAQCs were exceeded, multi-source models (MSM) were developed. Through this modelling, the ministry identified areas and action levels where the CEA policy applies.</p> <p>Action levels were established based on the ministry's Framework for Managing Risk described in the Guideline for Implementation of Air Standards in Ontario under the local air quality regulation.</p> <p>The interactive maps in Hamilton/Burlington and Sarnia/Corunna areas show the Action Levels determined by the MSM.</p> <p>The policy will help guide decisions on Environmental Compliance Approval (ECA) applications for new or expanding facilities.</p> <p>This is a first step and targeted policy that identifies specific contaminants and specific areas. We will continue to look at other contaminants, sources and geographic areas and consult with public and stakeholders as we expand the policy over time.</p> <p>The map can be found in Environment Map.</p> <p>The EBR Posting can be found here: https://ero.ontario.ca/index.php/notice/013-1680</p> <p>The Cumulative Effects Assessment (CEA) in Air Approvals policy can be found here: https://prod-environmental-registry.s3.amazonaws.com/2018-04/Cumulative%20Effects%20Assessment%20in%20Air%20Approvals%2020180426_0.pdf</p>
Status	Completed: Anticipated for review in 2020.
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Organization name	<p>Local Air Quality Permits</p> <p>Environmental Assessment and Permissions Branch</p> <p>Ministry of the Environment, Conservation and Parks</p>
Position name	Air Pollution Control Engineer

Role	Modeller, MSM
Keywords	Air; Cumulative Effects; CEA; Approvals; Benzene; Benzo[a]pyrene; Hamilton/Burlington; Sarnia/Corunna; ECA