

Technical Circular T-2-99
April 15th, 1999

To: Chief Highway Engineer
Director of Construction & Maintenance
Directors – Planning and Major Projects
Engineering Branch Section Heads
Regional Managers of Professional Services/Engineering
Regional Managers, Operations
Regional Geotechnical & Materials Engineers
Regional Project Managers, Paving
All District Highways Managers

This Technical Circular shall be read and construed in conjunction with the Ministry of Environment, Lands and Parks Order In Council # 0721, dated June 26, 1997, under the Waste Management Act.

SUBJECT: Order In Council # 0721 dated June 26, 1997

The use of Cutback Asphalt and Cutback Asphalt mixes within the Province of British Columbia.

PURPOSE:

To define and clarify the period and circumstances when 'cutback asphalts' and "cutback asphalt mixes" may be utilized in the Province of British Columbia

BACKGROUND:

Asphalt Plant Regulation OIC 0721, issued under the Waste Management Act severely limits the use of any and all cutback asphalts and asphalt mixes made with cutback asphalts within the Province.

PROCEDURE:

a) Cutback Asphalts: Between the period of May 1st and September 30th cutback asphalt shall **not** be utilized as a prime or tack coat agent, nor shall they be utilized for the coating or cleaning of asphalt mix haul units, as well as paving and compaction equipment.

b) Cutback Asphalt Mix (Cold Mix) The use of Cutback Asphalt Mix shall be prohibited between May 1st and September 30th if the following applies.

If there is a Hot Mix Asphalt Plant producing acceptable mix within 25 km of the work site or maintenance depot, or more than 5 tonnes of mix is required, then hot mix shall be utilized to make necessary repairs. Should there be no operating

plant within said 25 km radius then cold mix may be utilized. If less than 5 tonnes of mix is required for the repairs cold mix may be used. When cold mix is utilized it should be considered a TEMPORARY repair.

Notwithstanding the above, personnel should make every effort to utilize emulsions and hot mix whenever possible.

GENERAL

This act also defines the emission standards for asphalt plants and the Hot In-Place industry.

The act contains information that includes but is not limited to the following:

A mobile plant operating in a location which has not previously been used for asphalt production must be a minimum of

- (a) 50 metres from a stream
- (b) 300 metres from residences or businesses
- (c) 500 metres from a school in session, hospital or continuing care facility,

A copy of the Regulation can be obtained from Crown Publications. Order Asphalt Plant Regulation OIC 0721.

CONTACT

Michael E. Symons
Pavement Research & Standards Technician
Engineering Branch, Geotechnical, Materials & Pavement Engineering Section
(250) 387-7717



Merv Clark, P. Eng.,
Chief Engineer

- c.c. A.D.M. Highway Operations
- c.c. A.D. M. Planning and Major Projects
- c.c. All Regional Directors
- c.c. Purchasing Commission, Attn.: Ralph White, Purchasing Agent