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ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF AIR QUALITY



July 9, 1999

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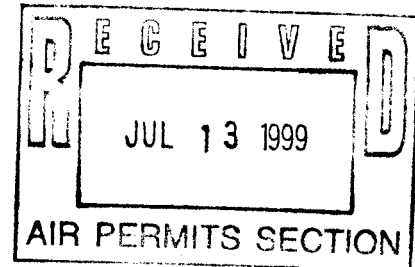
ALAN W. KLIMEK, P.E.
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MEMORANDUM

TO: Regional Supervisors
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Regional Compliance Coordinators
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FROM: Alan Klimek *AK*

SUBJECT: New DAQ Procedure for Implementing Acceptable Ambient Levels
(AALs) for Chromium (VI) Compounds



The attached memorandum is to serve as the new DAQ procedure for implementing AALs for chromium (VI) compounds until revisions to the AALs can be incorporated into the NC Air Toxic rules (15A NCAC 2D.1100, Control of Toxic Air Pollutants and 15A NCAC 2Q.0700, Toxic Air Pollutant Procedures). The rules as written serve as guidelines for limiting emissions of toxic air pollutants from permitted facilities. As such, they are meant to be dynamic and to evolve as new information regarding AALs becomes available. Therefore, it is acceptable to implement the changes outlined in this document before the rule revisions are finalized.

The first steps in initiating the rule changes have already occurred. The Rule Making Agenda published on 8/14/98 in the North Carolina Register (Volume 13, Issue 4) contained a notice of intent to revise the chromium (VI) AALs. The revisions were presented as a concept to the Air Quality Committee at its meeting in December. A draft of the rule can be expected by fall of 1999, and the earliest date the rule can become effective is in 2000.

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The revisions summarized in the attached memorandum represent a significant departure from the current implementation of chromium (VI) AALs. The revised implementation is likely to affect all facilities now permitted to emit any of the following TAPs:

calcium chromate	strontium chromate
zinc chromate	chromic acid
ammonium chromate	ammonium dichromate
potassium chromate	potassium dichromate
sodium chromate	sodium dichromate
chromium (VI) compounds	

Dichromate salts of cadmium, strontium, and zinc were mistakenly omitted from the current list of toxic air pollutants (15A NCAC 2D.1104 and 15A NCAC 2Q.0711) and will be added as part of the current rule revisions. If these revisions require a facility to modify its air permit, then changes should be made when the permit is renewed or modified.