

DIVISION OF AIR & WATER QUALITY
AIR QUALITY MAINTENANCE SECTION
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April 3, 1996

Mr. William Steigers
Steigers Corporation
6551 South Revere Parkway, Suite 250
Englewood, CO 80111-6411

Re: Request for ADEC Approval of Multi-Source Receptor Grid Modeling Protocol

Dear Mr. Steigers:

We have received your March 8, 1996 modeling protocol concerning the proper handling of ambient air impacts in cases where there are multiple industrial sources. Your letter assumes an ambient air quality modeling analysis is being conducted for a given applicant/facility. Since "ambient air" excludes that portion of the atmosphere within a facilities' boundary, you asked that the emission impacts from a second nearby source be neglected within the nearby source's own property boundary.

As indicated by the two U.S. Environmental Protection Agency (EPA) memorandums you enclosed, your request is consistent with EPA policy concerning the definition of ambient air and multi-source modeling. Your request is analogous to the case discussed and approved in EPA's October 17, 1989 memorandum entitled "Ambient Air." Therefore, the Department finds your request reasonable and acceptable. As stated in your letter, while a nearby source's emissions may be neglected within their own property boundary, the impacts from all other sources must still be properly modeled within the property boundary. In addition, the given source's emissions must be properly modeled outside of the property boundary.

If you have any further questions about this issue, please feel free to contact me or Jeff Anderson.

Sincerely,

Alan E. Schuler, P.E.
Air Quality Maintenance Section

AES/pal (p:/psd/unalaska/steiger2.ltr)

cc: Mike Golat, City of Unalaska
Ron Chaitoff, ADEC/AQM, Anchorage
Rob Wilson, EPA Region 10, Seattle
Mark Podrez, RTP Environmental Associates, Inc.