

Rombough, Kyrik

From: Rombough, Kyrik
Sent: Tuesday, July 31, 2007 11:10 AM
To: 'keen@rtpenv.com'
Cc: Gustafson, Brian; Anderson, Jim A. (AQ)
Subject: RE: Hyperion Language

Mr. Keen:

In regards to the source inventory, you asked if some of the sources that I forwarded could be excluded from the review. The sources I had sent were just the sources in the screening area (counties). We reviewed the sources and most of them do not need to be included. We used a radius of impact criteria developed from modeling specific sized volume sources and the North Carolina D20 method.

With the estimated 10 kilometer impact area, there are eight sources that may need to be included. Those sources are as follows:

1. SouthEast Farmers Elevator Cooperative - Union County
2. Terex Load King - Union County (Please read note)
3. Basin Electric - Clay County
4. Midwest Ready Mix - Clay County
5. Standard Ready Mix - Clay County
6. University of South Dakota - Clay County
7. Vermillion Fertilizer and Grain - Clay County
8. Northwestern Public Service - Yankton County

I am not aware of an EPA approved model that models volatile organic compounds (ozone) for a single source. In addition, sources located outside of an ozone nonattainment area are presumed to have no significant impact on the nonattainment area. South Dakota does not have a non-attainment area for ozone. Therefore, Terex Load King does not need to be included because it has the potential to emit just volatile organic compounds.

If the impact area is estimated at 5 kilometers, there would be three sources that may need to be included. Those sources are as follows:

1. Basin Electric - Clay County
2. University of South Dakota - Clay County
3. Northwestern Public Service - Yankton County

Please let me know if you need any additional information or if I forgot to answer one of your questions or find the requested information.

Kyrik

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