

Model Clearinghouse Information Storage and Retrieval System

Record Information Report

Record Number: 99-X -03 Fiscal Year: 1999 Region: 10
Last Update:
Name: Oregon Minimum Mixing Height-July 99
09/14/99

State(s): OREGON
Pollutant(s): Unspecified
Regulation(s): Not Relevant
Source(s): Unspecified Stationary Source
Model(s): ISC3
Subject(s): Adjustment of Model Estimates
Data Processing
Urban/Rural: Rural Only
Oral/Written: Oral
Terrain: Low Terrain (below stack height)
Guideline: Guideline
Database: Off-site
Involvement: Review and Comment

Record Comments:

7/6/99

Issue: What is the recommendation for minimum mixing heights for using in ISC?

Source has huge impacts from a ground level source. Do we treat case by case or is there a minimum mixing height that we should use.

C/H Comment: It has always been case-by-case. We have always said that one needs to look at each high concentration estimate to see if the low mixing height might be realistic. There are a number of situations where such low mixing heights are realistic and can lead to very high concentrations. One example from the past was with Texas who wanted to build in an automatic minimum mixing height. There is a written reply to their request, which could be located, if needed.

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From: deanw@mindspring.com <deanw@mindspring.com>
To: HANRAHAN Patrick L <HANRAHAN.Patrick.L@deq.state.or.us>
Cc: peters.warren@epa.gov <peters.warren@epa.gov>; Rob Wilson <wilson.rob@epa.gov>
Subject: Re: Min Mix Height
Date: Tuesday, July 06, 1999 8:08 AM

Hi Pat--Yes, it has always been case-by-case. We have always said that one needs to look at each high concentration estimate to see if the low mixing height might be realistic. There are a number of situations where such low mixing heights are realistic and can lead to very high concentrations. One example from the past was with Texas who wanted to build in an automatic minimum mixing height. There is a written reply to their request, which I could find for you if you need it. Call me if you want to discuss further

-----Original Message-----

From: HANRAHAN Patrick L <HANRAHAN.Patrick.L@deq.state.or.us>
To: Wilson, Dean (EPA-Retired) <deanw@mindspring.com>
Cc: HANRAHAN Patrick L <HANRAHAN.Patrick.L@deq.state.or.us>
Date: Thursday, July 01, 1999 1:32 PM
Subject: Min Mix Height

>Dean,

>

>Can you remember what the EPA recommendation was for using in ISC?
> I have

>a

>source coming up with huge impacts from a ground level source. Remember is

>putting the mixing height at 0.2 meters!

>

>My recollection was that we treat these as case-by-case? Or did we speak

>of

>a minimum Zi?

>

>--Pat