

9443.1986(06)

DETECTION LIMIT FOR EP-LEACHATE CONCENTRATION OF SELENIUM

MAR 12 1986

Paul Agid
Dames & Moore
155 N.E. 100th Street
Suite 500
Seattle, Washington 98125

Dear Mr. Agid:

In our telephone conversation of March 11, 1986, we discussed the detection limit for the EP leachate concentration of selenium (<0.2 ppm) cited in the delisting petition (#620) filed for the residual waste/ contaminated soil pit at the Boeing Commercial Airplane Company-Fabrication Division facility in Auburn, Washington. I indicated that, if the detection limit was used as a maximum EP leachate value in the VHS ground water model analysis, the predicted compliance point concentration would exceed the Agency's regulatory standard of 0.01 ppm. Further analysis is necessary in order to produce lower detection limits, e.g. <0.1 ppm, that would not produce a negative VHS finding. It should be possible, if the samples are archived, to re-test the existing samples using a method permitting finer detection limits. Otherwise, additional representative samples must be tested to achieve lower detection limits for selenium.

I have recently assumed responsibility for the review of Boeing's petition. Please forward this data to me as soon as possible, so that the timely review of the petition may be assured. If you have any questions, please call me at (202) 382-4783.

Sincerely,

Scott J. Maid
Environmental Protection Specialist
Office of Solid Waste (WH-562B)

RO 12580