

POLLUTION PROBE

June 15, 1981

Dr. Neil Reid
Executive Vice President
Research and Development
Sciex Inc.
55 Glen Cameron Road, Suite 202
THORNHILL, Ontario

Dear Dr. Reid:

It is my understanding that your company has developed a mobile monitoring unit that is capable of doing sophisticated analyses of air, water and solids at a given site within a relatively short period of time. I would appreciate your help in answering the following questions which would assist me in understanding the abilities and/or limitations of this unit:

How similar is this unit to gas chromatograph/mass spectroscopy equipment generally used for laboratory analysis of organic chemicals?

Can the unit be used to test for the presence of tetrachlorodioxins in the air? If so, at what detection limit? How accurate would the reading be? How long would it take to make a determination as to the presence of these dioxins in air?

Could this unit also be used to detect tetrachlorodioxins in soils or in leachate if the samples were properly prepared?

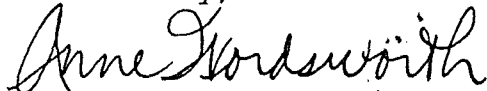
Does the unit have the capability to test for trichlorophenol, hexachlorobenzene, monochlorobenzene and monochlorotoluene? If so, what are the lowest detection limits possible in air and in soil with proper preparation of samples?

What other general parameters does the unit test for? Can heavy metals be detected?

And finally, can the unit be used to monitor incinerators for the detection of residual emissions that might result from incomplete combustion?

Thank you for your attention to this matter. I look forward to a reply at your earliest convenience.

Yours truly,



Anne Wordsworth
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