

Mr. CONABLE. Does this activated carbon process have any effect at all on the inorganic waste?

Dr. WEINBERGER. No, sir.

Mr. CONABLE. Do we have techniques for removing such things as phosphates and other chemicals dissolved in water?

Dr. WEINBERGER. Sir, we do have some processes but again I must hasten to add as pointed out in my statement that with the funds available to date most of the Federal effort has been in the laboratory and some in the pilot stage. There are processes which we are investigating for the removal of inorganic materials. Some of these are in cooperation with the Office of Saline Water and some of the techniques which they are developing we are interested in applying; such things as reverse osmosis, electrolysis. A problem is lowering the cost of the treatment facility.

Mr. CONABLE. But this technique for instance would have no appreciable effect upon the algae problem in the Northeast; would it?

Dr. WEINBERGER. No, sir, the removal of phosphates and nutrients would be not affected in the carbon adsorption.

Mr. DADDARIO. You mentioned the figure of \$5 million to be allocated for research purposes. Could you give us here or provide for the record the amount you have asked for fiscal year 1967?

Dr. WEINBERGER. Yes, I would be very happy to provide that for the record.

(The information requested is as follows:)

Fiscal year 1967 budget request is for \$3,150,000.

Mr. VIVIAN. I have no further questions at this time.

Mr. DADDARIO. Mr. Conable?

Mr. CONABLE. I have no further questions.

Mr. DADDARIO. Mr. Brown?

Mr. BROWN. No further questions.

Mr. DADDARIO. Mr. Mosher?

Mr. MOSHER. The Governor of Ohio, Governor Rhodes, has recently indicated his impatience with the progress in our State in pollution control and has announced a proposal that he plans to submit to the legislature for the direct treatment of polluted streams within the streams themselves. He is talking about the State's instituting a program which would include aeration devices, neutralization equipment, oil skimmers, debris traps, and other such facilities for use in the streams.

Would those devices be included in the technology that you suggest exists today and which should be applied? If the State of Ohio wanted to spend the money for these devices would it be well spent?

Dr. WEINBERGER. Sir, I couldn't comment on the individual stream, but some of the techniques for example—

Mr. MOSHER. You mentioned individual streams. As you know, in Ohio, there are many types of streams with different problems.

Dr. WEINBERGER. What I am trying to get to here is some of the techniques that he refers to, for example, the actual cleaning up of debris, this, of course, is bound to be effective in performing its task.

There are methods available for in-stream aeration. These have met with limited success even though devices are available, and one would have to look at a particular situation in terms of the stream