

Dr. SPILHAUS. This question of division of the waters is one which I think you can't give an answer to for every place. It may be economical in certain places and thoroughly uneconomical in others.

Mr. DADDARIO. We should not just assume that a standard has been established here by the separation of sanitary and storm sewers. A value judgment must be made in each instance where this is being proposed.

Dr. SPILHAUS. I believe that is so.

Dr. TUKEY. If I could respond to that.

Mr. DADDARIO. Yes, Dr. Tukey.

Dr. TUKEY. Our recommendation B(1) reads:

We recommend an appropriate ad hoc group of Federal, state and local officials be established to determine how best to attack the problems caused by the outmoded combined sewage systems in great cities of the United States. This group should give particular attention to research development and demonstration—

And so forth. Now, I think that it is a mistake to think of an antithesis of research on the one hand and let's go do it on the other.

I would say the combined sewer problem is in the middle somewhere. There is a real need for intensive study on a cooperative basis of the problem of where we are and of what we haven't pooled together that we know. When we do this—and it will not be easy—we will have a much better idea of where we want to go.

Mr. DADDARIO. I wanted to bring this up during the course of the public hearings because it is one point around which there seems to have developed a feeling that we ought to do something immediately and we ought to expend these vast sums.

A comparison with the highway system has been made. That is, the way you get it accomplished is by making expenditures and getting on with it. But, it is more complicated than that. You have reminded us of the recommendations you have made and I think that we should come to some better conclusions about this subject, taking into consideration what you just said, Dr. Spilhaus, and the report of your committee.

Dr. TUKEY. Well, it is an area where demonstrations may turn out to be necessary, in part as experiments to find out what both the actual costs are and what the actual benefits are.

You don't have to decide that you are going to have to do this in every city in the country in order to make it worthwhile to make what may be some very major trials.

Mr. DADDARIO. But, demonstrations should certainly come before a vast program.

Dr. SPILHAUS. Yes.

Dr. TUKEY. That would be my feeling.

Dr. SPILHAUS. Well, in the experimental city the storm water might might be so clean that you could drink it.

Mr. DADDARIO. Thank you so much for your appearance here. It has been extremely helpful to the committee, and I know we will call on you with further questions as we go along.

This committee will adjourn until tomorrow morning at 10 o'clock at this same place.

(Whereupon, at 12:25 p.m. the committee adjourned until Wednesday, July 27, 1966, at 10 a.m.)