



October 17, 2016

Dear CEO,

Last month, 13 pharmaceutical companies committed to reduce pharmaceutical pollution by antibiotic manufacturers in their supply chains, which is increasingly being recognized as a causal factor in the spread of antimicrobial resistance. Your company was not among them.

Recent reports indicate that Indian and Chinese drug makers routinely release untreated waste fluid containing active ingredients into surrounding soil and waterways. One study published in *Journal of Hazardous Materials* showed antibiotic concentrations downstream of drug manufacturing plants in these countries that exceed those expected in a patient being treated for infection. Researchers from Rice, Nankai and Tianjin universities concluded that for every bacterium that entered a waste treatment plant in northern China, four or five resistant bacteria were released into the water system. Without industry-wide changes to waste management practices, antibiotic pollution effectively remains a backdoor to antimicrobial resistance.

As part of a global campaign working to eliminate antibiotic pollution and subsequently reduce the development and spread of antimicrobial resistance, we are writing to urge you to join the 13 companies in directly addressing the ways your industry contributes to antimicrobial resistance. The U.S. Food and Drug Administration cannot regulate pollution in India and China, but you're in a unique position to address this problem. Rooting out pollution from your supply chains in particular is one of the easiest and most effective ways you can act to reduce antimicrobial resistance right now.

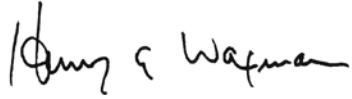
We request that you help reduce pollution that contributes to antimicrobial resistance by joining the other pharmaceutical companies that have signed onto what they've called an "Industry Roadmap for Progress on Combating Antimicrobial Resistance." Should you do so, we request that you also answer the following questions:

- What are your specific reduction goals for 2020?
- What action are you taking immediately to discourage pollution in your supply chains?
- How will you ensure transparency in your supply chains?

Without these critical changes, global health is at risk, not to mention the profitability of antibiotics. We would appreciate a timely response indicating how you intend to respond to our concerns and ensure your supply chain is not responsible for pharmaceutical pollution.

Thank you for your cooperation. If you have any questions, or would like to schedule a meeting to discuss this issue further, please contact Casey Farrington at (202) 899-2634 ext. 105 or casey@waxmanstrategies.com.

Sincerely,



Henry Waxman
Chairman, Waxman Strategies



Bill Corr
Senior Advisor, Waxman Strategies