Memo: HFC's and Walmart

Walmart
Save money. Live better.

Allan Thornton
President
Environmental Investigation Agency
P.O. Box 53343
Washington, DC 20009

February 29, 2012

Dear Mr. Thornton,

RE: HFC Letter

Thank you for your interest in Walmart's activities regarding hydro fluorocarbons (HFC's). Walmart will continue to address this important aspect of our global GHG footprint (including our efforts to align ourselves with the Consumer Goods Forum (CGF) resolution to phase out HFC refrigerants), while also continuing our state of the art, global effort to address the other significant contributors to our global GHG footprint.

We believe our role as the world's largest retailer comes with a responsibility to lead the way in protecting the environment. We have an opportunity to set the industry standard in reduction of greenhouse gases, and we are working to do that through non-traditional refrigeration systems that cut emissions by a staggering 95 percent compared to the systems they are replacing.

The CGF Resolution of the June 2010 Paris Summit reads:

> "As the Board of the Consumer Goods Forum, we recognize the major and increasing contribution to total greenhouse gas emissions of HFCs and derivative chemical refrigerants. We are therefore taking action to mobilize resources within our respective businesses to begin phasing-out HFC refrigerants as of 2015 and replace them with non-HFC refrigerants (natural refrigerant alternatives) where these are legally allowed and available for new purchases of point-of-sale units and large refrigeration installations."

In order to *begin phasing-out HFC refrigerants as of 2015 and replace them with non-HFC refrigerants… where these are legally allowed and available for new purchases of point-of-sale units and large refrigeration installations*, Walmart is currently executing a global strategy to address harmful refrigerants, and develop and incorporate the latest innovations and technologies in effective, energy efficient, environmentally responsible refrigeration solutions. We have identified opportunities in our case display equipment, plant equipment, design and installation practices, and research and development projects.

Walmart is the first retailer in the United States to use a refrigeration system known as secondary loop in the prototype design we use to build our stores. These systems were piloted

Memo: HFC's and Walmart

in 25 stores and are now a part of Walmart's prototype program in the United States, we hope to soon see the rest of the grocery industry making similar changes to reduce refrigerant emissions and improve our environment.

The closed loop system eliminates the standard reliance on leak-prone pipes that circulate refrigerant through a store and back to an outside unit. Instead, we use a pre-manufactured system, placed outside of the store, which uses 70 percent less chemical refrigerant. Inside the store the system circulates a natural alternative to chemical refrigerants, such as CO_2.
We believe this technology will transform the industry and dramatically reduce a grocer's carbon footprint.

Thank you again for your efforts in helping move our world toward more responsible refrigeration solutions. We join you in highlighting the importance of this issue and look forward to making great strides in reducing the harmful impacts HFC's have on our planet.

Very sincerely,



Miranda Ballentine
Director
Walmart Corporate Sustainability