

A grayscale background image showing a large trash can on the left and a mop with a white head on the right, set against a blurred indoor environment.

# Air Quality in the Phillips Neighborhood

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**Driven to Discover<sup>SM</sup>**

# Background and Overview

## Current Situation in Phillips Community:

- Disproportionate levels of environmental burden, harm, and vulnerability
- Poor air quality is the **largest environmental health risk** in the U.S.

## Hope Community:

- Nonprofit equitable housing and community development organization

## Lake Street Council:

- Nonprofit advocate for Lake St. businesses



City of Minneapolis Green Zone Boundaries as of April 28, 2017; Hope Community and Lake St. Council Logos

# Goals: Replacing Cleaning Products

## History of the Project

### Replacing Harmful Cleaning Products:

- Bleach
- Quaternary Ammonium Compounds
- TRI reportable products
- Hazardous Air Pollutants
- Ground Level Ozone
- Green Seal Prohibited products



This year, we worked with Childcare Centers and Restaurants. (Pictured: Sharing & Caring Childcare and Hamdi Restaurant)



# Methodology

## Product Evaluation and Recommendation:

- Custom Recommendation Letters
- Trial Products
- Help Transitioning

## Educational Flyers and Pamphlets:

- Safer Disinfectant Alternatives
- Regulations and Use

## Regulations



Cleaning Products at Welna Hardware Store

# Regulations

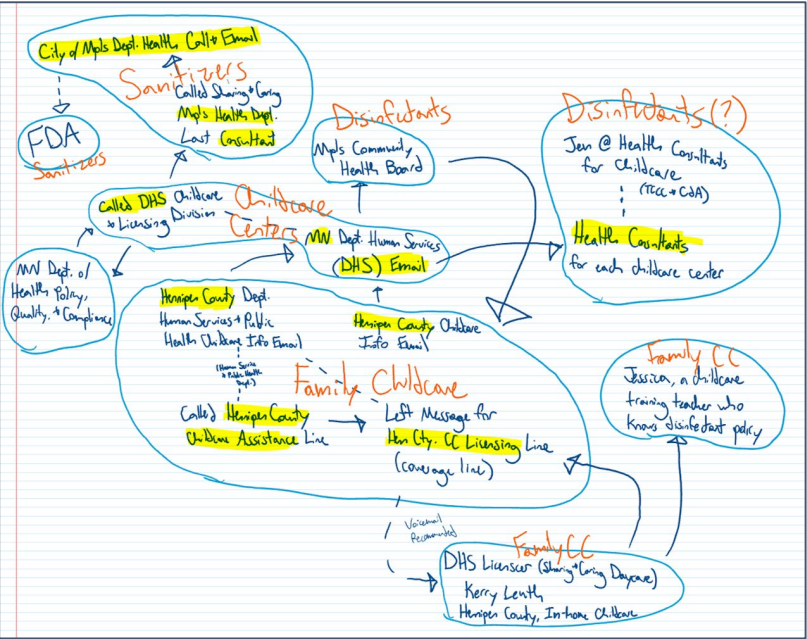


Diagram of Agencies contacted for Regulation Information






	Childcare Centers	Family Childcare	Restaurants
Sanitizers			
Disinfectants	Third Party Licensors 	 Minnesota Statute 245A.148	(No current regulation on non food-contact surface disinfectants)

Table of Regulations for Participating Businesses

# Solutions

Type of Business	Contacted	Participated	Number of Products Removed	Total Product Removed
Childcare Centers	14	4	18	450 lbs.
Restaurants	55	7	28	1,000 lbs.
<b>Total</b>	<b>69</b>	<b>11</b>	<b>46</b>	<b>1,450 lbs.</b>

Source Reduction of Bleach and QUATs: **11-41%**

# My Experience

## Important Project Takeaways:

- Community Outreach and Relationships
- Prohibitive Regulation

## Skills Learned:

- Creating Sustainable Solutions
- Connection and Communication
- Effects of Change



Juana, Armando, and I posing with safer product at Cafetería las Tapatías.

# Thank you!