

# Hazardous Materials Outreach

## LatinX Communities

Abby Waller



# Boulder County Hazardous Materials Management Facility



## Hazardous Waste

Proper disposal of poisons, flammable, and/or corrosive materials

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## Who is served?

Boulder County Residents receive free drop-off of HW

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## HW Safety

Provide outreach and education to keep the community and ecosystem safe

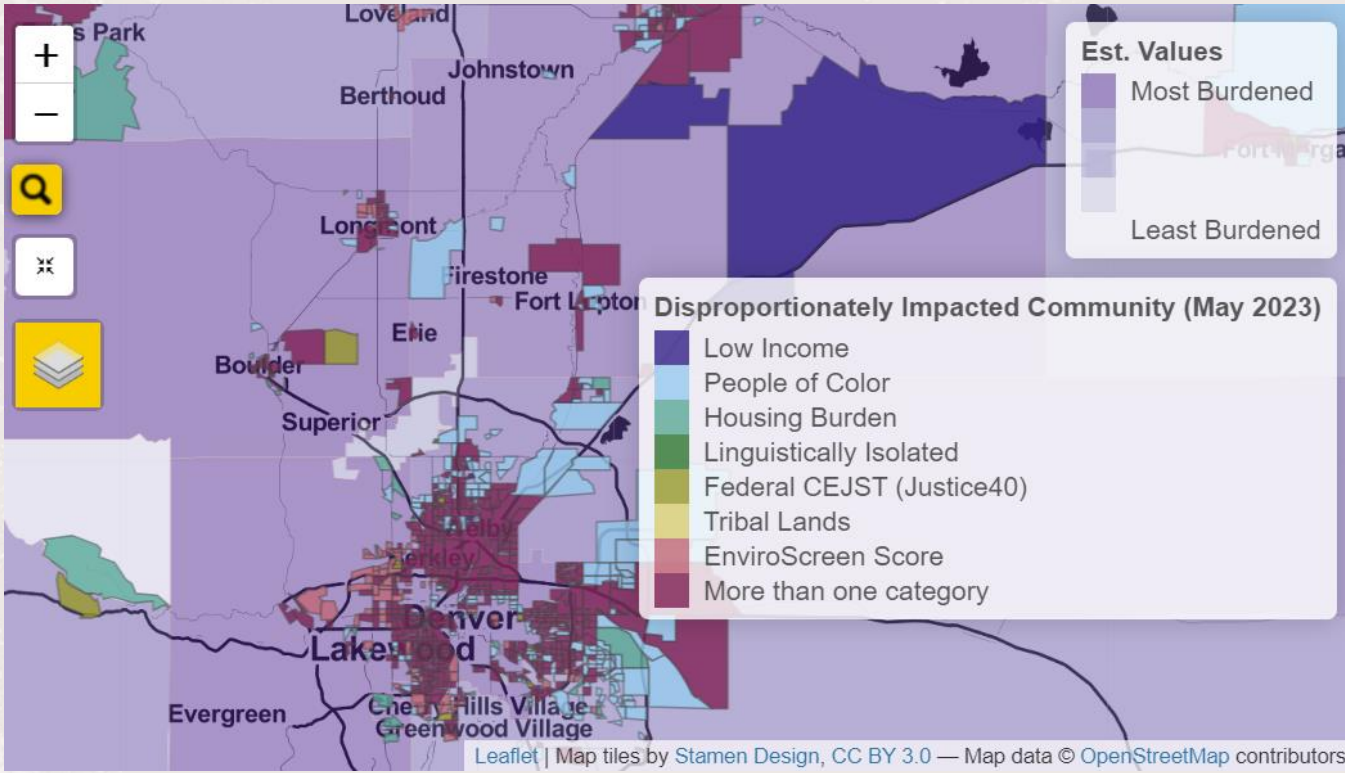
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# Project Goals

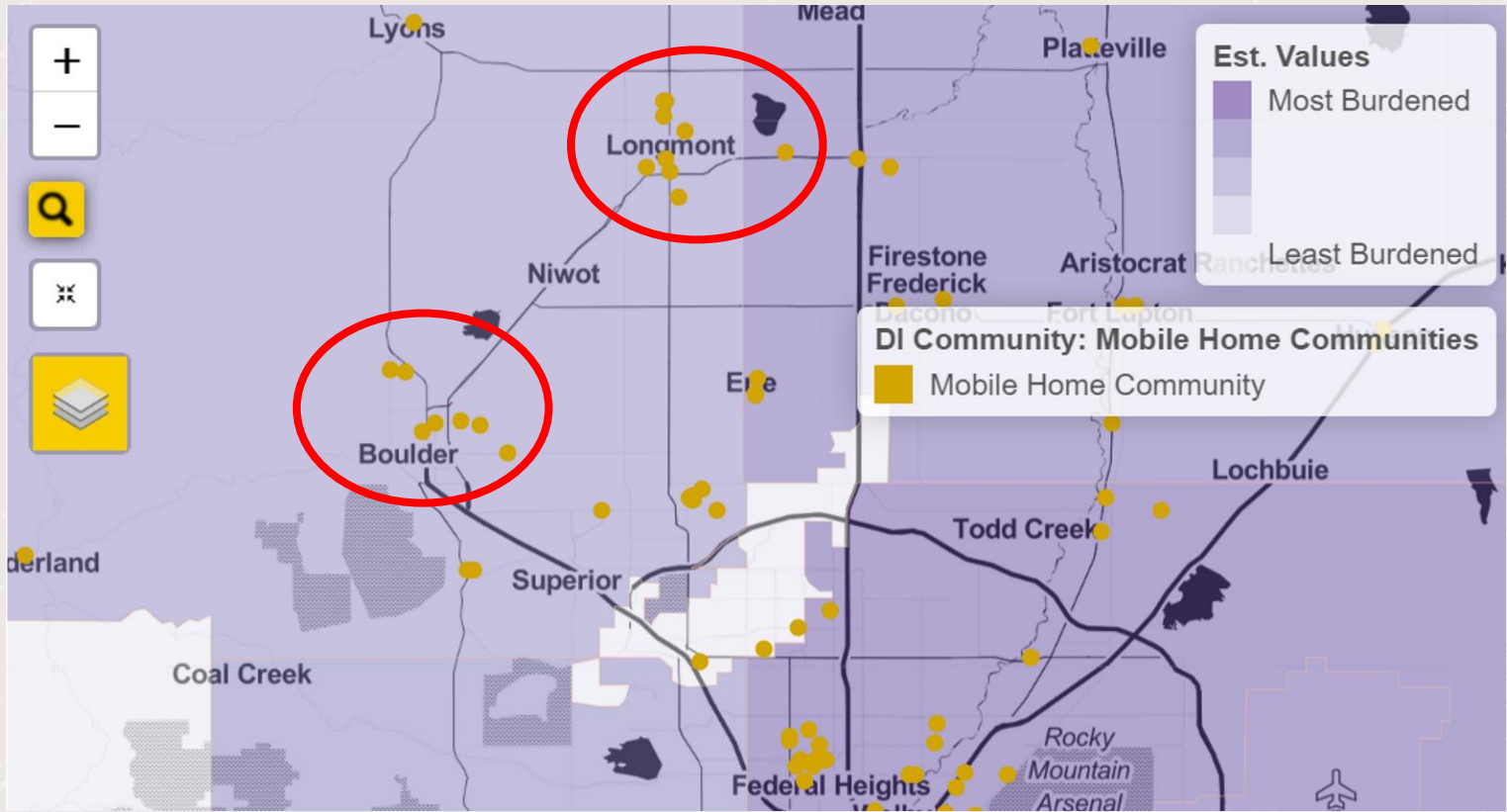
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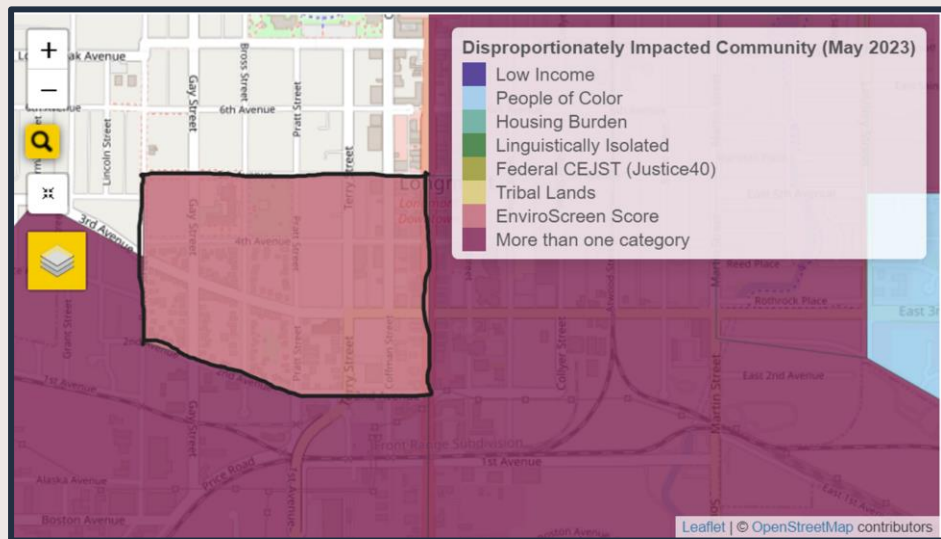


- Goals: Reach out to Hispanic partners in community to ask what the needs and issues are regarding health and safety outreach
  - Develop better understanding of health equity and environmental racism and its role in Boulder County
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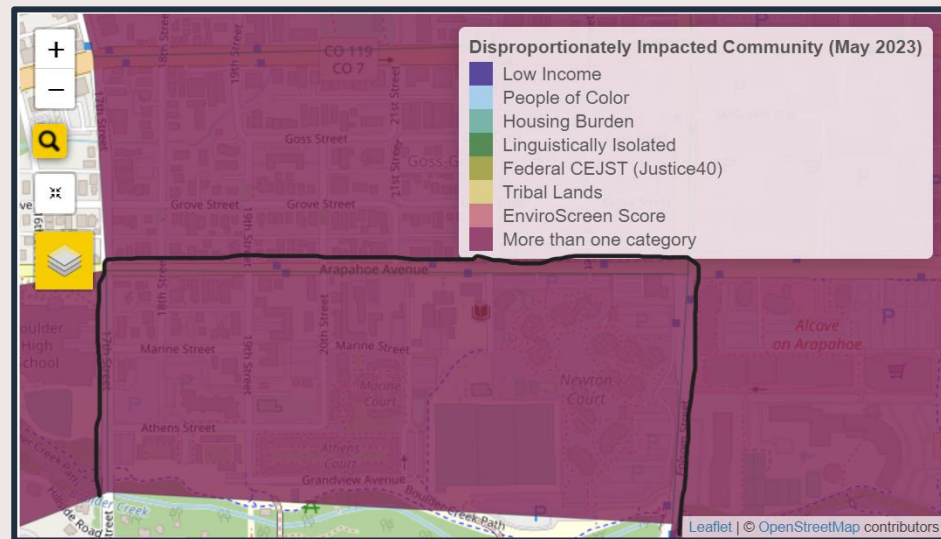


# CDPHE EnviroScreen Mapping Tool

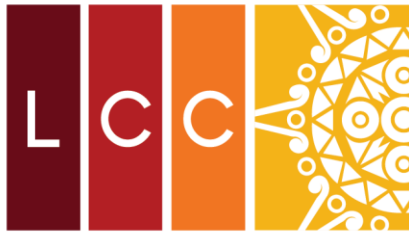




**Census Block in Longmont**

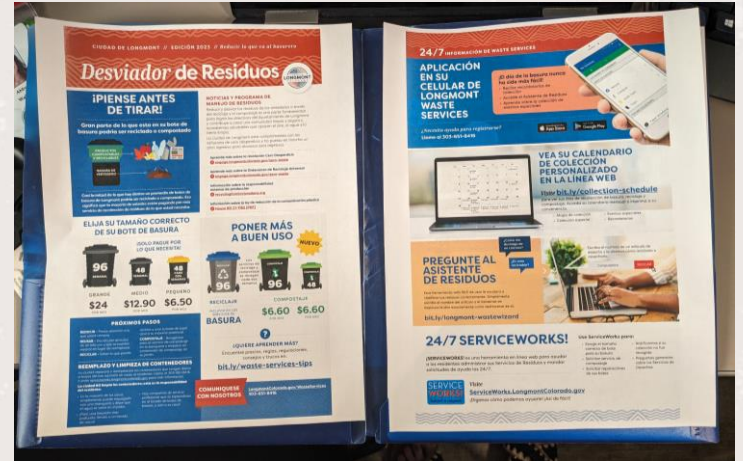


**Census Block in Boulder**



THE LATINO  
CHAMBER OF  
COMMERCE  
OF BOULDER COUNTY

- Cafecito y Platica in Longmont
- Hazmat educational presentations (English & Spanish)
- Spectrum of community engagement
- Partnerships with:
  - Premier Members Credit Union
  - OSCAR



# Lunch & Learn Presentations (English & Spanish)

**NO**



food  
*comida*



liquid  
*líquidos*



foam / polystyrene  
*espuma / poliestireno*



plastic cups  
*vasos plásticos*



plastic-coated paper  
*papel recubierto de una película de plástico*



lotion / toothpaste tubes  
*tubos de crema / pasta dental*



plastic bags / film  
*bolsas / protectores plásticos*



soft six-pack rings  
*anillos de plástico suave de seis unidades*



frozen food boxes  
*cajas de comida congelada*



latex gloves  
*guantes de látex*



drinking glasses, ceramics  
*vasos de vidrio / cerámica*



shredded paper  
*papel triturado*



scrap metal  
*restos de metal*



sharps, medical waste  
*objetos punzantes / residuos médicos*



explosive / hazardous materials  
*materiales explosivos / peligrosos*

# Translated Guides

- Efficient county translating services
- Maintain a 5<sup>th</sup> grade reading level for all information
- Google translate is NOT a beneficial service

English	Spanish
<p><b>Slide 1:</b> Hazardous Materials Lunch and Learn</p>	<p><b>Slide 1:</b> Almuerzo informativo sobre materiales peligrosos</p>
<p><b>Slide 2:</b> Overview Hazardous Waste- Why should we care? Examples of Hazardous Waste- Identification of Materials Risk Mitigation- Safe Handling &amp; Storage Our Facility- Accepted Items Zero Waste- Reuse, recycle, and compost</p>	<p><b>Slide 2:</b> Descripción general Residuos peligrosos: ¿Por qué debería importarnos? Ejemplos de residuos peligrosos: Identificación de materiales Mitigación de riesgos: Manejo y almacenamiento seguros Nuestras instalaciones: Artículos aceptados Cero residuos: Reutilizar, reciclar y compostar</p>
<p><b>Slide 3:</b> What are hazardous materials? Waste with properties that make it dangerous or capable of having a harmful effect on human health or the environment 4 characteristics= Ignitability, reactivity, corrosivity, and toxicity</p>	<p><b>Slide 3:</b> ¿Qué son los materiales peligrosos? Residuos con propiedades que los hacen peligrosos o capaces de tener un efecto nocivo para la salud humana o el medio ambiente 4 características = Combustibilidad, reactividad, corrosividad y toxicidad</p>
<p><b>Slide 4:</b> Human Health and the Environment Wetlands Water Supply Health Septic Systems</p>	<p><b>Slide 4:</b> La salud humana y el medio ambiente Humedales Suministro de agua Salud Sistemas sépticos</p>
<p>Certain types of hazardous waste have the potential to cause physical injury to sanitation workers, contaminate septic tanks, or wastewater treatment systems if released into drains or toilets</p>	<p>Ciertos tipos de residuos peligrosos pueden causar lesiones físicas a los trabajadores de los servicios sanitarios, contaminar los tanques sépticos o los sistemas de tratamiento de aguas residuales si se vierten en los desagües o inodoros.</p>
<p><b>Slide 5:</b> Batteries can cause fires! There was a fire at the recycling center in Boulder. It was started by a battery in a birthday card. Lithium batteries react strongly with water. It is important that batteries are not thrown away in the trash. They should be taken to the hazardous waste facility for safe disposal.</p>	<p><b>Slide 5:</b> ¡Las pilas/baterías pueden provocar incendios! Hubo un incendio en el centro de reciclaje en Boulder. Fue iniciado por una pila/batería en una tarjeta de cumpleaños. Las pilas/baterías de litio reaccionan fuertemente con el agua. Es importante que las pilas/baterías no se tiren a la basura. Deben llevarse a la instalación de residuos peligrosos para su eliminación segura.</p>

### HMMF Translation Guide

#### Greetings:

Hello!	¡Hola!
Good morning	buen día
Good afternoon	Buenas tardes
Good evening	Buenas noches
Thank you	Gracias
Have a good day!	¡Que tenga un buen día!
Welcome	Bienvenidos

#### Conversational Phrases:

How can I help you? / ¿Le puedo ayudar en algo?

May I see your ID? / ¿Puedo ver tu identificación?

What is your address? / ¿Cuál es su dirección?

Are you a resident of Boulder County? / ¿Es usted residente del condado de Boulder?

It is free to drop off. / Es gratis dejar materiales.

The reuse section is free! / ¡La sección de reutilización es gratis!

Please weigh your items before you leave on the scale. / Pese sus artículos en la báscula antes de irse.

Let me get a translator. / Déjame conseguirte un traductor

Print and sign your name. / Imprima y firme su nombre.

We do not accept.../Nosotros no aceptamos

# HMMF Spanish Conversation Guide



# Stakeholder Meetings



## Octavio Gomez

- Cultural Responsiveness and Inclusion Advisory Committee
- Boulder County Financial Planner
- Developed Spanish newsletter



## Marina LaGrave

- Climate Equity Specialist
- UN Ambassador
- Hosts Outdoor Rec events for Latino families
- Justice 40





# OUR Center Longmont





# Environmental Justice Staff Training

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## What is Equity?

Basic 101 training on the world of EJ



## Environmental Equity

Utilize EnviroScreen tool to identify impacted groups



## EJ in HW Disposal

Toxic waste and race in the US



## Program Access

Forming partnerships in Boulder County

## WHAT DETERMINES HEALTH?

### Biology & Genetics

Inheritance and likelihood of developing disease

### Physical Environment

Public service and infrastructure

### Clinical Care

Access to treatment and preventative services

### Health Behaviors

Having support networks, physical activity and nutrition



## CERTIFICATE of COMPLETION

THIS ACKNOWLEDGES THAT

Abby Waller

HAS SUCCESSFULLY COMPLETED THE

Health Equity & Environmental Justice 101



**COLORADO**  
Department of Public  
Health & Environment



# Environmental Justice Examples



## Whiter & Wealthier

Neighborhoods with more green spaces, further from pollution, access to nutritious food



## Historical Zoning

Segregation traced back to race-based zoning and poor land use planning



## Emission Programs

CO<sub>2</sub> emitting companies just buy more carbon offsets and continue to spew toxics

# Mobile Home Waste Pick-Up



**¡Gratis!** Ponderosa Park Haz que tu hogar sea más seguro

## RECOLECCIÓN DE MATERIALES PELIGROSOS

8 - 11:30 a.m. Viernes , 11 de agosto

**Dos formas de participar**

- El viernes 11 de agosto, de 8 a 11:30 a.m., traiga artículos al lado noreste de Ponderosa.
- Antes de las 8 a.m. del viernes 11 de agosto deje artículos fuera de su puerta con un letrero que diga "PICK-UP".

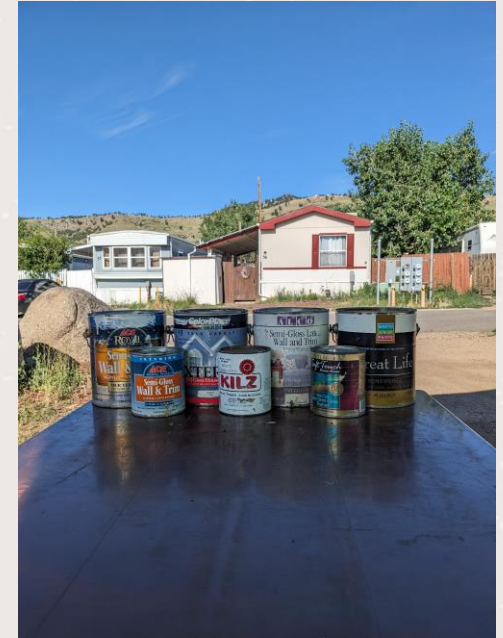
**Solo aceptamos:**

<b>Baterías/pilas</b> 	<b>Pinturas y colorantes/tintes</b> 
<b>Bombillas mercurio</b> 	<b>Aerosoles</b> 

**NO: lectrodomésticos, aparatos electrónicos, muebles, colchones, chatarra ni herramientas.**

**¿Preguntas?**  
Ellen Orleans, City of Boulder  
orleansel@bouldercolorado.gov

Kathy Schlereth 303-817-4087  
Victor Lemus 303-947-8253



- Ponderosa Mobile Home Park August 11<sup>th</sup>, 2023
  - Porch collection & table for drop-off
- Collected 1008 pounds of paint, batteries, cleaners, motor oil etc.



# Limitations & Challenges

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Internship program, project outreach, and effective communication



# Lessons Learned

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- Focus on frontline communities
- Address cost burdens
- Resource conservation is a partnership



# Recommendations for the future:



- Connect with El Comercio radio station
- Attend environmental education events such as Boulder Bash or Boulder Earth Day!
- Elementary presentations!
- Partner with local universities to implement campus vape kits
- Spanish classes offered to employees as a part of continuing education



# Acknowledgements



**DENVER**  
CLIMATE ACTION,  
SUSTAINABILITY &  
RESILIENCY





# Thank you!

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