

CLEAN AND GREEN INITIATIVES DEEP DIVE

An overview of how the
City of Philadelphia is
changing our
neighborhoods

Capstone by Lailani Rodriguez





**How can I use my
engineering skills to
improve the streets of
Philadelphia?**

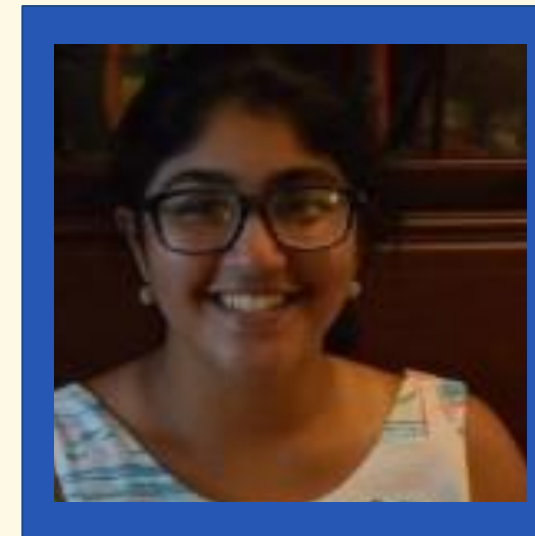


PROJECT TEAM

Discussion of project resources and connections such as mentors, companies, and programs.



Hace Management



**Roxana Taginya, TCB
Director**



**Ramon Cruz, Livability
Academy Coordinator**



PROGRAM TARGETS



Public Health and Safety



Commercial Aesthetics



Community Building

FIRST WALK-THROUGH

Found Illegal Dumping Sites


As we observed the area on 5th St from Allegheny Ave to Lehigh Ave, we found many areas being used to dump trash illegal in front of businesses and homes,



Discussed Main Types of Illegal Dumping

In Philadelphia, illegal trash dumping takes many forms. We found that **legacy dumping** is one a major issue.



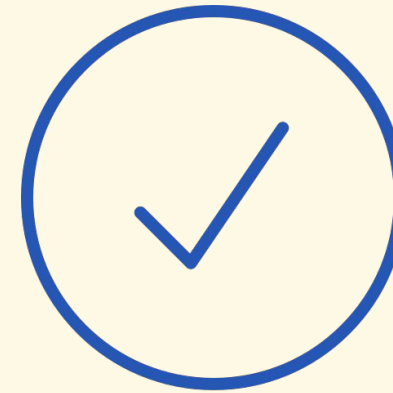


"Legacy dumping" refers to the practice of persistent dumping of waste in the same locations, despite repeated cleanup efforts, often over a long period.

This is due to many justifying the illegal dumping with the fact that they are aware volunteers will clean up the site. .



DEEP DIVE OBJECTIVES:



Find better alternatives to limiting the negative effects human activities have on the neighborhood's environment



Give Philly residents a voice in making change



Raise awareness towards Clean and Green Initiative programs throughout the city



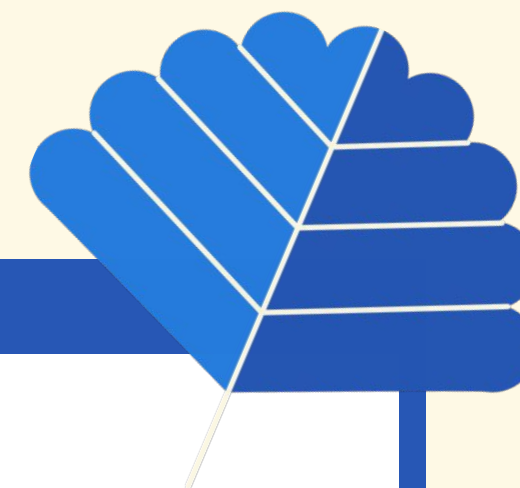
“This program gave me a
home.”

I took the time to **interview** Victor Montalvo
Nazario, a TCB worker who has been a part of
the program for a decade.

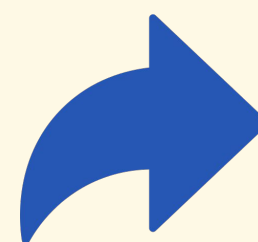
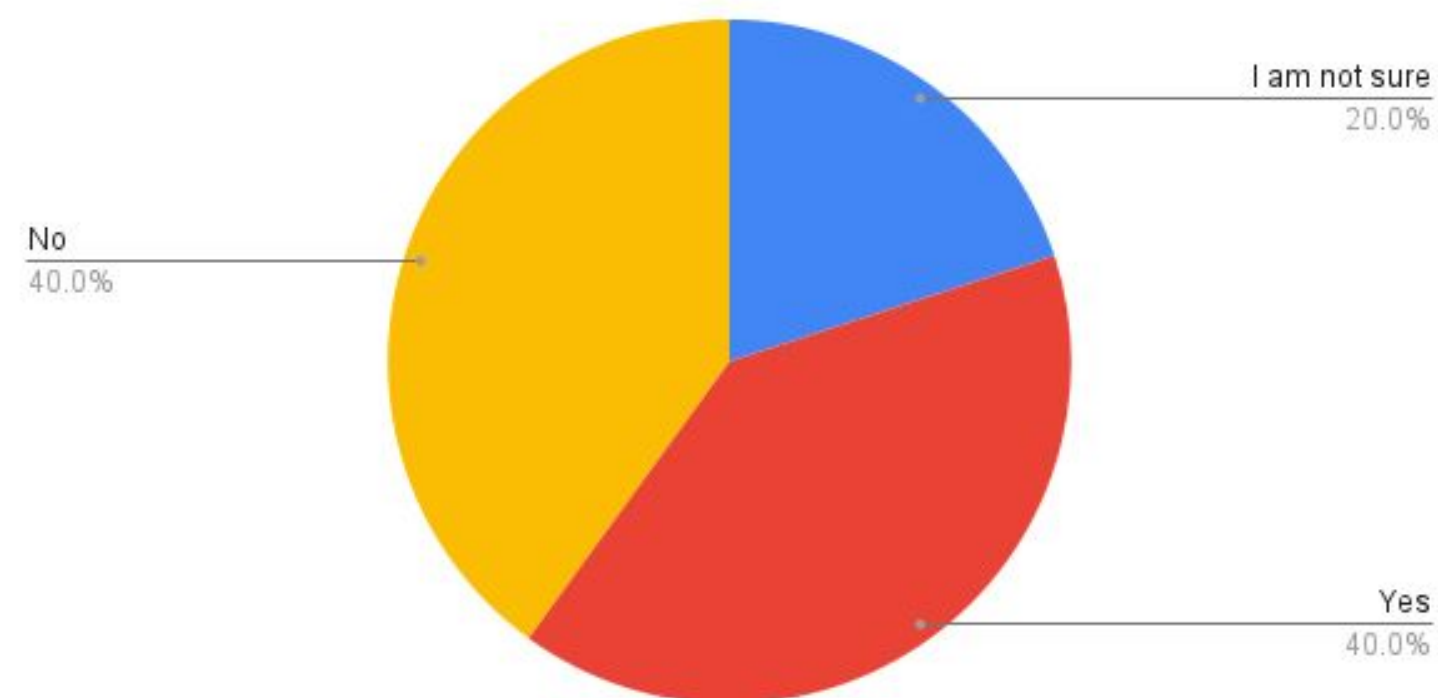


RESEARCH & SURVEYS

A look into what people are saying, and what is being done about it.



Is the trash collection consistent in your area? ¿La recolección de basura es constante en su área?



Jan. 16th - March 12th Collection Progress



This pie chart shows what some of the residents in North Philadelphia are experiencing in terms of trash collection.

After monitoring the survey responses, the TCB workers made an effort to increase trash collection, specifically needles as many parents were concerned according to the survey.

SECOND WALK-THROUGH

Found Recurring Issues

Unfortunately, as we performed our second walk-through along 5th St, we found some that legacy dumping continued to be an issue for the area.

Advertised Community Building Events

To continue the efforts of bringing hope and life into the area, we advertised summer salsa nights for anyone to attend!



Throughout my journey, I have found that making change takes a village that is willing to make continuous efforts.

