

Red Hook Community Sensor Lab Public Program Report

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About Red Hook Initiative

Red Hook Initiative believes that social change to overcome systemic inequities begins with empowered youth. We are creating change from within for over 6,500 residents of the Red Hook public housing community. RHI prioritizes the needs of this historically under-resourced community by confronting the impacts of racial inequity and decades of disinvestment through Youth development, community building and community hiring.

Red Hook Houses is Brooklyn's largest public housing development. The median income for a family in Red Hook is \$23,600. 50% of the community is currently unemployed, lacking equitable access to education, transportation and housing. 47% of families live below the federal poverty level and 67% of families participate in the NYC Supplemental Nutrition Assistance Program.

About Red Hook Initiative Community Sensor Lab

“RHI will support public housing residents in accessing information about the last mile expansion, build capacity of community members to monitor the air and soil, and utilize findings to influence last mile policy work”

The Red Hook Community Sensor Lab was started in Summer 2022 after a community cohort of Red Hook Initiative workforce development trainees was trained at the CUNY ASRC Community Sensor Lab and decided to continue the work in their own community. Both Sensor Labs continue to meet on a regular basis to coordinate programming and share collective resources.

Public Programs & Community Engagement

August 2022

1. Launched collaboration with South Brooklyn Community HS, CUNY, and Pioneer Works workshop on August 11th, 2022, the Fellow led a workshop with RHI youth alongside CUNY ASRC students to demonstrate air monitoring equipment and discuss issues of pollution in the Red Hook community - **25 people/children and adults**
2. Tabling at Red Hook West Family Day on August 17th shared information about the Community Sensor Lab - **20 people engaged.**

September 2022

1. Door knocking with Assemblymember Mitaynes and team on September 7th: shared information about air quality issues as it relates to last mile warehouse - **8 people engaged**

October 2022

1. Tabled at the Red Hook Harvest Fest October 15th **12 people engaged**
2. Tree steward event 10/27 at Wolcott Farm **16 people engaged**
3. Tabled event at 10th year Barnacle celebration October 29th @Coffey Park **engaged at least 15 people: 10 children** about the flow of electricity using circuit paper **and held discussion with 5 adults** about the importance of monitoring the air quality and last mile warehouse in Red Hook.

December 2022

1. December 8th: Tree workshop with Middle School youth - **7 youth participated**
2. December 20 :Workshop at Red Hook Senior Center **15 seniors residents engaged**

March

March 22, 2023 Workshop at Organizing Academy for **20 residents and 12 Young adults engaged**