



Community Impact Survey

Conducted June 17–July 11, 2021, this survey elicited 681 responses from 120 different neighborhoods across St. Croix, USVI.

SUMMARY OF FINDINGS

Every neighborhood downwind of Limetree reported significant impacts

Impacts were severe in predominantly low-income Black and Brown neighborhoods that line the northwest side of the refinery

95% of responses from frontline neighborhoods reported frequent noxious smells from Limetree Refinery

Over 70% of responses from downwind neighborhoods reported trouble breathing during Limetree emission episodes

- *Breathing was a daily struggle for many residents from Feb to May*
- *Some residents slept in cars in order to get upwind of asphyxiating emissions*
- *Workers from Limetree and nearby industries also reported serious breathing issues*
- *Difficulty breathing was pronounced in the neighborhoods of Carleton, Clifton Hill, Frederiksted, Golden Grove, Hannah's Rest, La Grange, Profit, Stony Ground, Whim, and William's Delight*

143 households reported cisterns contaminated by Limetree emissions

- *Rain catchment systems are the primary source of drinking water for 50% of homes*
- *Residents found a petrochemical sheen and droplets of crude oil in their cisterns after emission events*
- *Neighborhoods of Clifton Hill, Profit, Whim, Williams Delight particularly hard hit by raining emissions*

Over 100 households reported gardens damaged by emissions

67 residents sought medical assistance during emission episodes

- *Residents described emergency rooms overflowing with people sickened by Limetree emissions*

This survey also uncovered 3 deaths that family members attribute to toxic emissions from Limetree

97% of responses believe the refinery should be required to operate a state-of-the-art air monitoring system before restarting

90% of residents polled believe EPA should have a fulltime employee at Limetree

80% of residents polled do not trust Limetree to disclose environmental problems

The vast majority of lives and homes impacted by the Limetree Refinery still have not received needed assistance.