

EMERGENCY VAPOR INTRUSION INVESTIGATION

Site Information

Fast Food Restaurant
Rio Grande, NJ

Client Information

Commercial Property
Management Firm

Project Highlights

- Petroleum hydrocarbon groundwater plume was potentially impacting a popular fast food restaurant during peak summer tourism season.
- EnviroTrac contracted to conduct an emergency vapor intrusion investigation during off-peak hours.
- Vapor investigation conducted by installing sealed sub-slab vapor point through the floor of the main dining room.
- 8-hour Summa samples collected from sub-slab point, indoor, and outdoor air.
- Results of the emergency investigation indicated no vapor intrusion issues at the restaurant.



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EnviroTrac Ltd. (ET) was retained by a commercial property management firm to conduct an emergency vapor intrusion investigation of a popular fast food restaurant overlying a petroleum hydrocarbon groundwater plume in Rio Grande, New Jersey. The investigation was conducted during the peak of the summer tourism season.

EnviroTrac worked directly with the New Jersey Department of Environmental Protection (NJDEP) and conducted the emergency investigation in accordance with the NJDEP Vapor Intrusion Guidelines.

The vapor intrusion investigation was conducted during off-peak hours by installing a sealed sub-slab vapor point through the floor of the main dining room and simultaneously collecting integrated air samples from sub-slab, indoor and outdoor air. Prior to collecting air samples, a chemical inventory of the structure and an interview with the manager was conducted to document potential analytical interferences. Results of the emergency investigation were utilized to alleviate potential public health concerns.

