Step One: Test Indoor Air for Methane

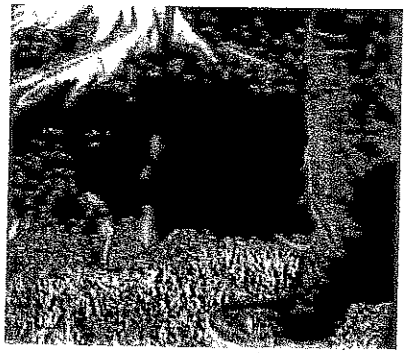
Handheld meters are used to monitor for methane gas inside a home. The meter measures concentrations of methane, carbon dioxide and oxygen.

Step Two: Exterior Soil Sampling

Before soil sampling begins, the environmental teams contact Underground Service Alert of Southern California to ensure any potential underground obstacles on residential properties are identified beforehand. Potential underground obstacles include gas, water or other utility lines or pipelines.

Soil Sample Collection Steps:

- Samples are taken in landscaped areas using a hand auger to make borings in the soil.
- Samples are taken at various depths up to 10 feet.
- One boring is placed in the front yard and a second boring in the back yard of each residence.
- Sample locations will be selected with approval from the homeowner.
- Borings will be resurfaced once sample is taken.



A hand auger is used to collect exterior soil samples.

For More Information

Kast Community Information Line:
(310) 857-2335

Kast Community Information E-mail:
info@kastproperty.com

Los Angeles Regional Water Quality Control Board: (213) 576-6600

California State Water Resources Control Board Geotracker website:
http://geotracker.swrcb.ca.gov/profile_report.asp?global_id=T10000000228

AIR, SOIL AND SOIL VAPOR SAMPLING PROCESS

Environmental Testing at the Former Kast Property in Carson, CA

Overview

Prior to 1970, Shell operated an oil storage facility on the Kast property, which is known present-day as the Carousel neighborhood. Shell has been directed by the Los Angeles Regional Water Quality Control Board (Water Board) to perform an environmental investigation of the former Kast property. Sampling of individual residences for the presence of methane, benzene and other compounds is under way. This testing is conducted by independent engineering and environmental consulting teams from URS Corporation and Geosyntec Consultants.

The sampling and testing procedures have been reviewed and approved by the Water Board, which is the lead regulatory agency overseeing the investigation. All samples are collected under the direction of a California registered professional geologist or professional civil engineer.

Soil and soil vapor samples collected from homeowners' properties are sealed, labeled and delivered to state certified labs for analysis, as required by California agencies. Strict procedures are followed to ensure the integrity of each sample.

Independent, certified labs are analyzing the samples collected. A report including final results, a summary of the work completed, and an analysis of findings for each property is sent to the Water Board for review. This report will be shared with the homeowner.

The sampling process should take approximately six to eight weeks. Any remediation that may be required will be determined based on results of the sampling and a risk assessment to be completed in the coming months.

Step Three: Exterior Sub-Slab Soil Vapor Sampling

Sub-slab samples are collected to evaluate the chemicals in the soil vapor under the slab.

At least two sub-slab vapor probes are installed at each property to collect samples below the concrete to test the vapor from the soil for volatile organic compounds and methane impacts. Probes are installed outside the home through driveways, patios or at other locations agreed to by the homeowner.

Small holes will be drilled through concrete to collect soil vapor samples.

Step Four: Indoor Air Sampling and Indoor Probe Installation

Depending on the results of the exterior soil and soil vapor tests, indoor air samples or indoor probes may be used to collect additional samples. Indoor air samples are collected three to five feet above the floor of the home over a 24 hour period. A meeting with the homeowner is needed at least 24 hours before sampling begins to describe sampling activities and conduct a pre-sampling survey.

Step Five: Analyzing Samples and Reporting Results

- Methane screening results are provided to the homeowner or tenant immediately following the test.
- Soil and soil vapor samples collected are delivered to independent labs: Calscience Environmental Laboratories, Microbac, Air Toxics Ltd., and Columbia Analytical Services. These labs are certified by the National Environmental Laboratory Accreditation Program.
- Using agency-approved methods, soil samples are analyzed for volatile and semi-volatile organic compounds, petroleum hydrocarbons and metals, and soil vapor samples are analyzed for volatile organic compounds.
- When results are available from the laboratory, URS will prepare and submit a report with the results to the Water Board. This report will describe the sampling methods, analytical results, and screening evaluation based on property-specific testing data. This report will also be provided to the homeowner.