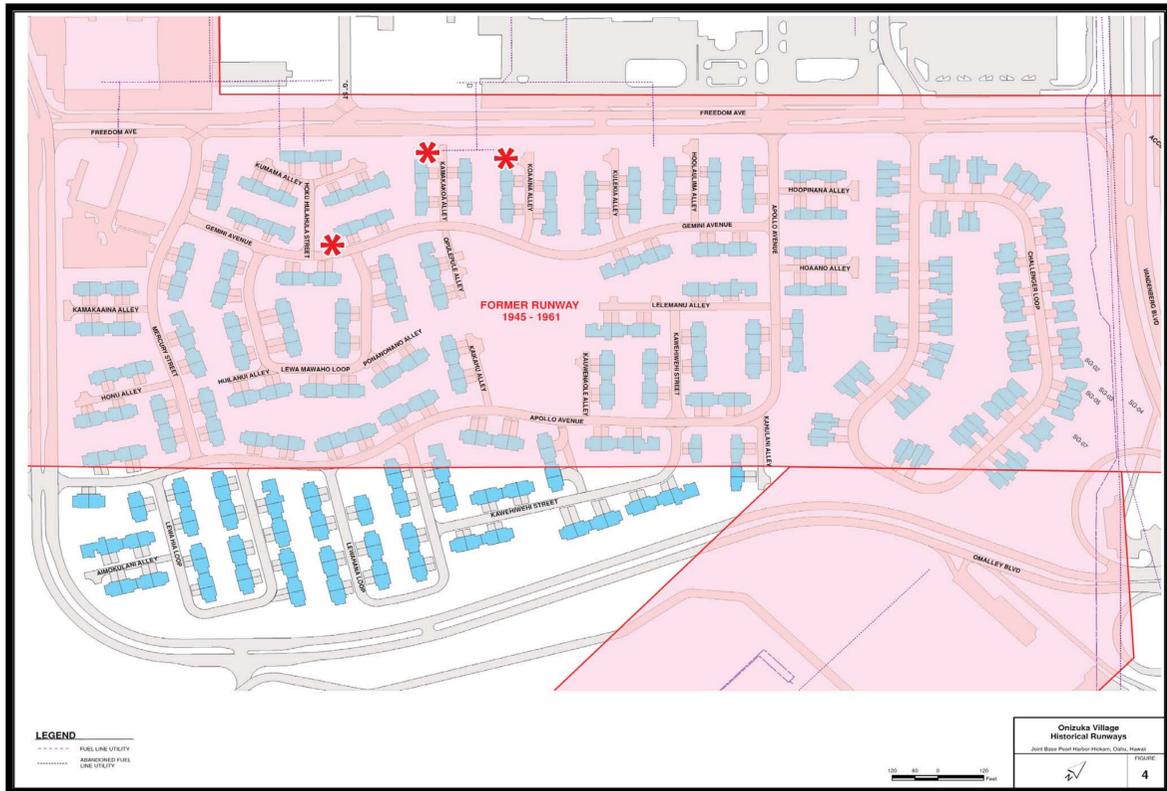


Onizuka Village Fact Sheet

The housing area is built over a former flightline

- Area was used as an airfield in the 1940s and 1950s.
- The first Onizuka Village housing was built in 1992 over part of the former flightline.
- Current Onizuka Village housing was redeveloped/remodeled in 2009.

-  During redevelopment in 2009, buried petroleum affected soil was observed in three locations.



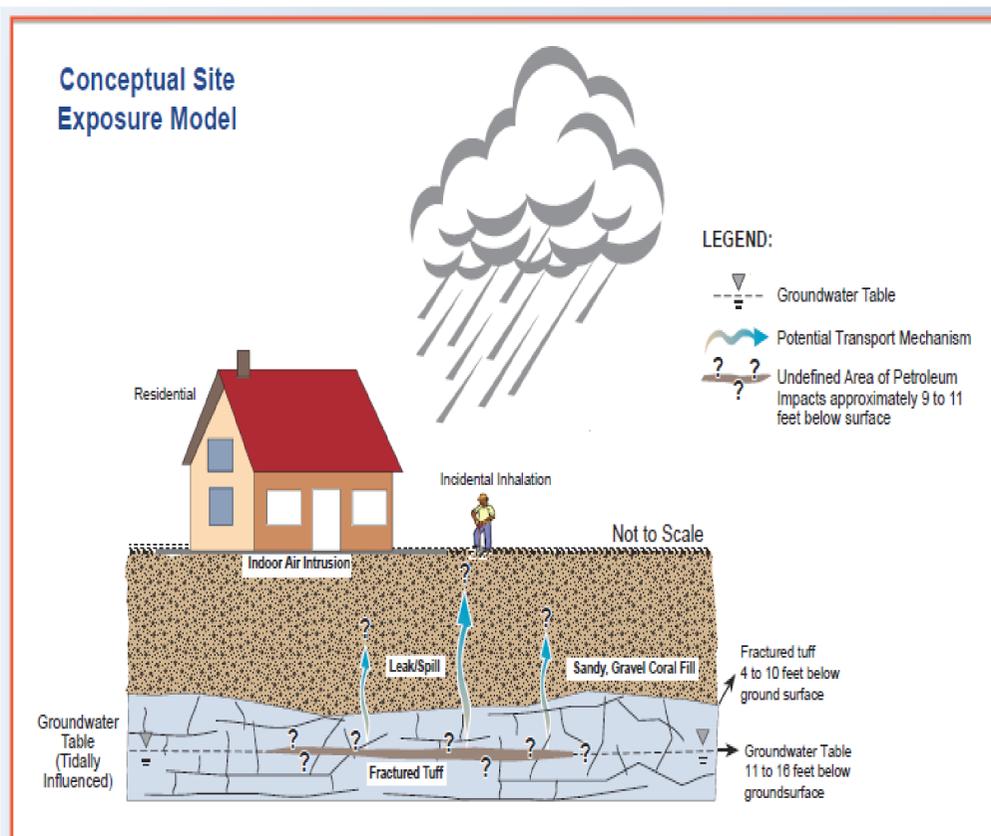
Petroleum in Soil

- Petroleum affected soil likely came from underground pipelines used to transfer fuel or from spills during refueling of aircraft.
- Limited soil vapor sampling conducted in 2011 found fuel-related chemicals (including several volatile organic compounds or VOCs) above Hawaii Department of Health recommended levels.
- A Remedial Investigation will evaluate where petroleum affected soil is located in Onizuka Village, how much is present and if environmental cleanup is needed.

Soil Vapor & Vapor Intrusion

Vapor Intrusion may occur when vapors from petroleum affected groundwater or soil evaporate and then seep up through the soil and enter buildings through cracks and holes in foundations or slabs of buildings.

- Soil vapor is the air found in the spaces between soil particles.
- Over time, VOCs present underground in soil or groundwater can evaporate and move into soil vapor.
- Elevated levels of VOCs in soil vapor that migrate into indoor air can pose a Vapor Intrusion concern.
- To ensure the Navy identifies all potential environmental concerns, soil, groundwater, and soil vapor will be sampled January - May 2013. Those results will determine if additional sampling is needed.



Please contact: **Jocelyn Tamashiro**, NAVFAC Hawaii Remedial Project Manager, **808-471-1171, extension 362** or **jocelyn.tamashiro@navy.mil**.

For more information, visit: <http://goo.gl/x6rN2> or https://portal.navy.mil/portal/page/portal/navfac/navfac_ww_pp/navfac_navfachi_pp/env:onizuka_village

Remedial Investigation

Phased Approach

PHASE I: Late January – March 2013

- Real-time soil vapor screening in small soil borings with hand-held instruments.
- Shallow soil vapor sampling – down to 5 feet deep.

Residents should avoid work areas that are cordoned off with safety cones to prevent accidental slips/trips/falls.

PHASE II: April – May 2013

- Soil sampling.
- Monitoring well installations and groundwater sampling.



PHASE III (*If necessary): May – June 2013

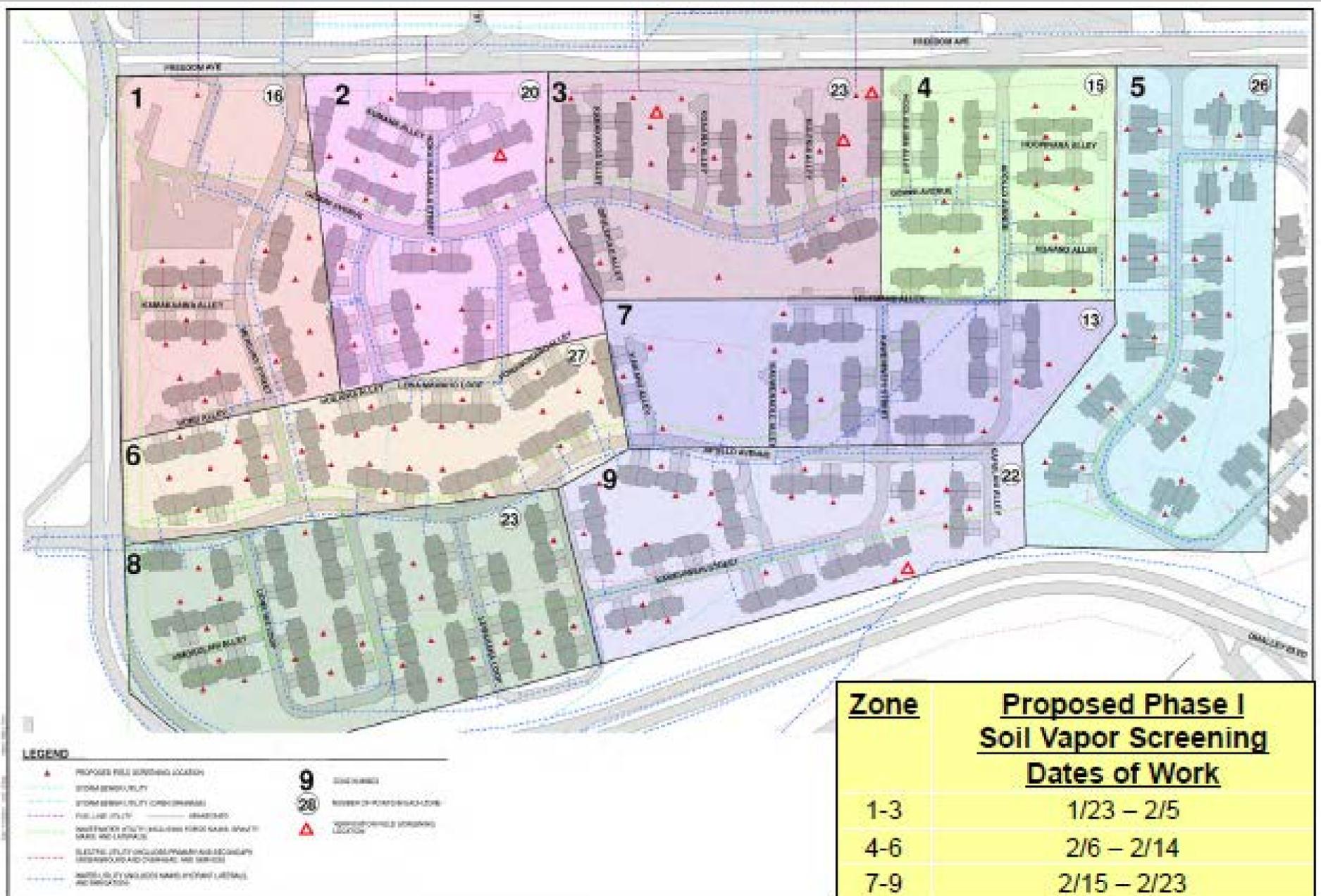
- Sub-slab soil vapor sampling – soil gas samples taken from directly beneath the foundation of the buildings (show what can be entering the building and indicate if there could be a potential Vapor Intrusion problem).
- Indoor air sampling - confirm that indoor air is safe.

* Phase III field activities will only be performed if Phase I & II indicate the potential for Vapor Intrusion.



Drilling activities will be limited to between 8 a.m. and 4 p.m., Monday through Friday.

Phase I - Work Zones & Screening Locations



For more information, visit: <http://goo.gl/x6rN2> or

https://portal.navfac.navy.mil/portal/page/portal/navfac/navfac_ww_pp/navfac_navfachi_pp/env:onizuka_village