



## Environmental Investigation - Former Ford Aeronutronics Site, Newport Beach, CA

### For more information, please contact:

Ford Project Information Hotline  
(833) 949-3673

Ford Project Website  
[www.FordNBFacts.com](http://www.FordNBFacts.com)

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### SITE HISTORY

The former Ford Aeronutronics facility occupied the property at 1000 Ford Road, Newport Beach, from 1957 to 1993. Its primary operation consisted of aerospace and electronic research, development, and production.

Ford has been working voluntarily under regulatory oversight since early 1990s to address environmental impacts associated with the previous operations.

Volatile organic compounds (VOCs) associated with past operations are in soil, soil vapor and groundwater on- and off-site. On-site assessment and remediation was completed in 1997 and off-site investigations are ongoing.

**Why am I receiving this?** The Santa Ana Regional Water Quality Control Board (Water Board) and Ford Motor Company (Ford) are distributing this fact sheet to provide information on Ford's ongoing environmental investigation in the area of the former Ford Aeronutronics property at 1000 Ford Road in Newport Beach (site). The Water Board is the lead state agency overseeing the environmental investigation and cleanup of impacts associated with this site. You are receiving this fact sheet because you reside, work, or own property near the site.

**What environmental work has been completed?** Ford recently conducted environmental investigations to determine the extent of volatile organic compounds (VOCs), specifically trichloroethene (TCE) and tetrachloroethene (PCE), in soil vapor (tiny air pockets between soil grains) in public rights-of way and common areas in neighborhoods surrounding the former facility. Using data gathered from these investigations, additional areas will be investigated this fall (see map showing investigation areas on the back page of this fact sheet or visit the project website).

**What are TCE and PCE?** TCE is a chemical compound that was commonly used as an industrial solvent and metal degreaser in the manufacturing industry. PCE is a chemical compound that was commonly used in clothes dry cleaning and metal degreasing. TCE and PCE are among a group of chemicals called chlorinated solvents, which evaporate easily, are highly stable, and nonflammable at room temperature. Due to its widespread use, very low levels of TCE are common in the air of homes and businesses and in outdoor air in urban areas.

Under certain conditions, VOC's, including TCE and PCE, can move through soil and the foundations of buildings and accumulate inside buildings, negatively impacting air quality. This process is called vapor intrusion.

**Is my drinking water safe to drink?** Yes. Your water is provided by the City of Newport Beach Public Works Department and meets state and federal standards for quality.

**Upcoming Investigation Activities** - This fall, Ford will be conducting the following environmental investigation work. All work is reviewed and approved by the Water Board.

**Soil Gas Investigation:** A crew of 5 to 6 individuals will be collecting samples of soil gas in public rights-of-way to determine the extent of TCE and PCE vapors in soil. New areas where samples will be collected are shown on the map on the back page of this fact sheet. Data collected will be used to determine if further investigation is needed.

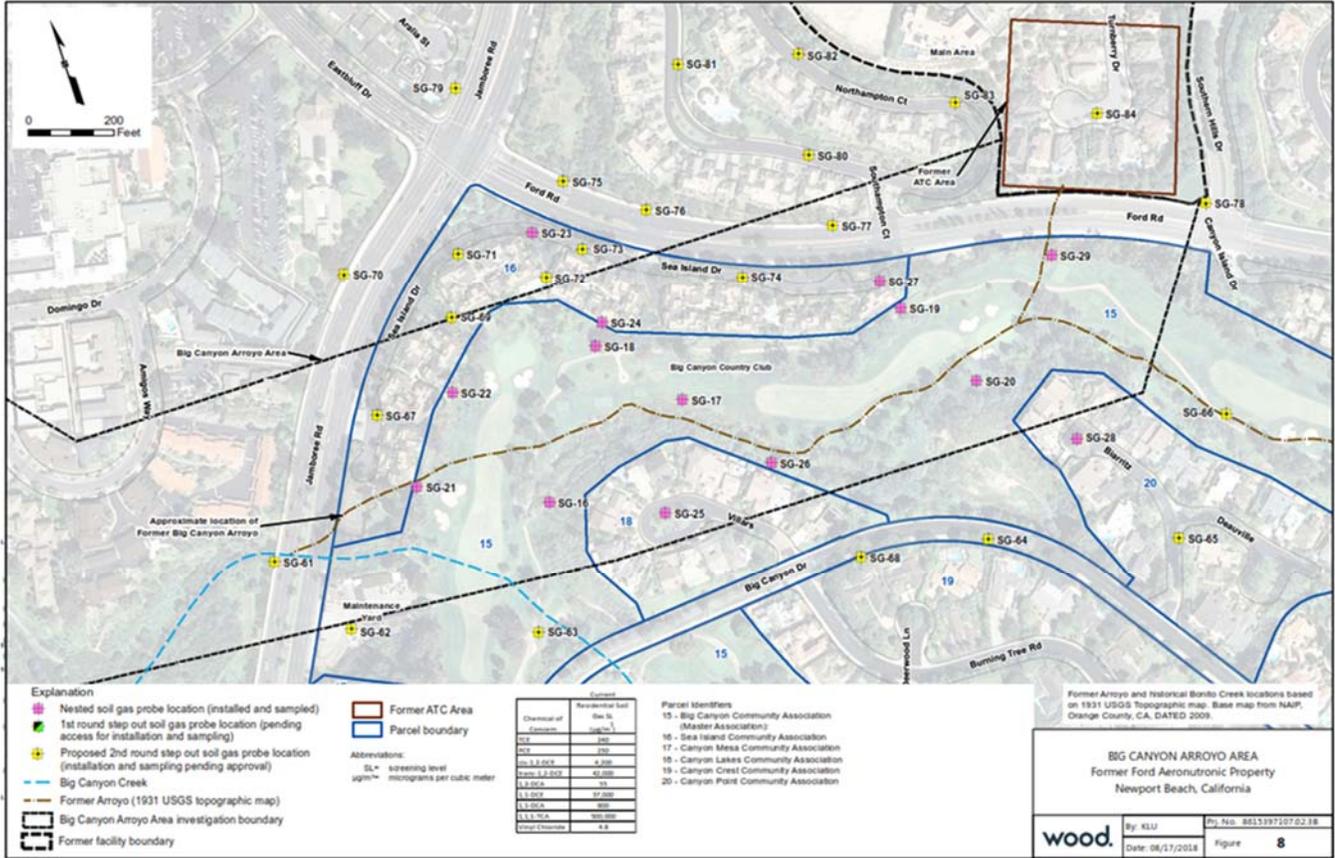
**Vapor Intrusion Investigation:** Ford is requesting access to select homes and businesses within the study area, shown on the back of this fact sheet, to test indoor air and beneath building foundations for VOCs. Sample results will be compared against the Water Board's established environmental screening levels (ESLs) for indoor air quality. The Water Board's ESLs are very conservative allowing us to proactively take actions to improve the quality of indoor air, if needed. Test results will be shared with property owners and further actions, if necessary, will be agreed upon based on results. It is important to note, that ESLs are designed to provide long-term protection of the health of adults and children and the site does not present an immediate health or safety risk.

**How long will this work take?** - Investigation work is conducted in phases, and this phase or work is anticipated to continue into 2019.

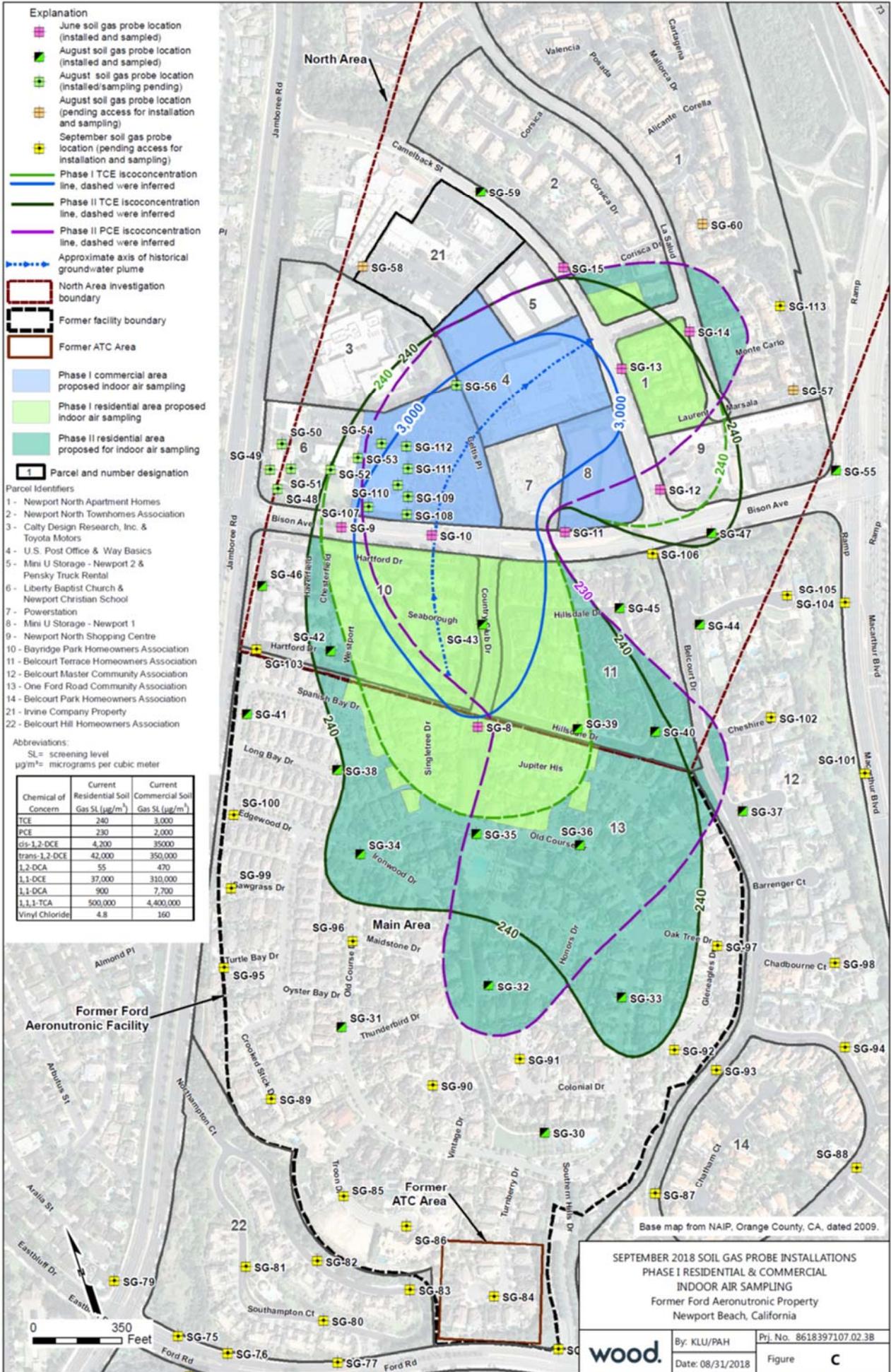
**Reports:** The results of this investigation and documents containing site history and details about the past and planned environmental investigations are available for review at the Water Board office in Riverside and can also be viewed and downloaded online at:

[http://geotracker.waterboards.ca.gov/profile\\_report?global\\_id=SL188023848](http://geotracker.waterboards.ca.gov/profile_report?global_id=SL188023848)

# Big Canyon Arroyo Area



# Investigation Areas



Santa Ana Regional Water Quality Control Board  
3737 Main St #500  
Riverside, CA 92501

Owner/Occupant  
Address  
Newport Beach, CA 92660

**INFORMATION ON FORD NEWPORT BEACH ENVIRONMENTAL INVESTIGATION INSIDE**