



# Frontier Fertilizer Superfund Site, Davis, CA

U.S. Environmental Protection Agency • Region 9 • San Francisco, CA • September 2015

## Update: Soil Gas Probe Installation to Begin September 25

Beginning September 25th and continuing September 28th and 29th, the U. S. Environmental Protection Agency (EPA) will install two shallow soil gas probes on Arena Drive and Vigo Court. These two soil gas sample probes will be located far away from the Frontier Fertilizer Superfund (Site), and are not expected to contain chemicals of concern (COCs). EPA will compare the soil gas results from these “background” locations to soil gas results closer to the Site (see map). A soil gas sample measures organic chemicals that are in the air between the ground surface and the water table, which is referred to as soil gas. Soil gas is the preferred method for detecting Site COCs in soil because these compounds are volatile organic compounds, meaning that they evaporate easily. These soil gas measurements will help EPA determine whether trace amounts of COCs present in groundwater can move up into overlying soils.



### What are We Going to Do

EPA will use a small rig to drill the shallow probes on September 25th and the probes will be sampled on September 28th and 29th. The probes will be installed on Arena Drive and Vigo Court in the Greenbelt. When finished, the 8 inch diameter probe covers will be flush with the existing grade, like any other landscape irrigation box. Soil gas probe drilling will be noisy at times and vehicle, bicycle, and pedestrian traffic may be temporarily rerouted. EPA will work to minimize inconvenience to residents. The drill rig will operate only between 7:00 am to 7:00 pm, in accordance with the City of Davis ordinance.

### What Happens Next

EPA will evaluate the data from these investigations with the State of California and the Frontier Fertilizer Site Oversight Group. We'll send out a Fact Sheet with the results in December 2015.

### If you have questions or concerns, please contact:

**Bonnie Arthur**  
Remedial Project Manager  
U.S. EPA, Region 9 (SFD7-1)  
75 Hawthorne St.  
San Francisco, CA 94105  
Direct: (415) 972-3030  
[arthur.bonnie@epa.gov](mailto:arthur.bonnie@epa.gov)

**Jackie Lane**  
Community Involvement Coordinator  
U.S. EPA, Region 9 (SFD-6-3)  
75 Hawthorne St.  
San Francisco, CA 94105  
Direct:(415) 972-3236  
[lane.jackie@epa.gov](mailto:lane.jackie@epa.gov)

You can also leave a toll-free message for Jackie Lane or Bonnie Arthur by calling the Community Involvement toll-free number: **(800) 231-3075**

For more information, please visit the Region 9 Superfund Site Information web page: [www.epa.gov/region09/FrontierFertilizer](http://www.epa.gov/region09/FrontierFertilizer)