



Frontier Fertilizer Superfund Site, Davis, CA

U.S. Environmental Protection Agency • Region 9 • San Francisco, CA • May 2016

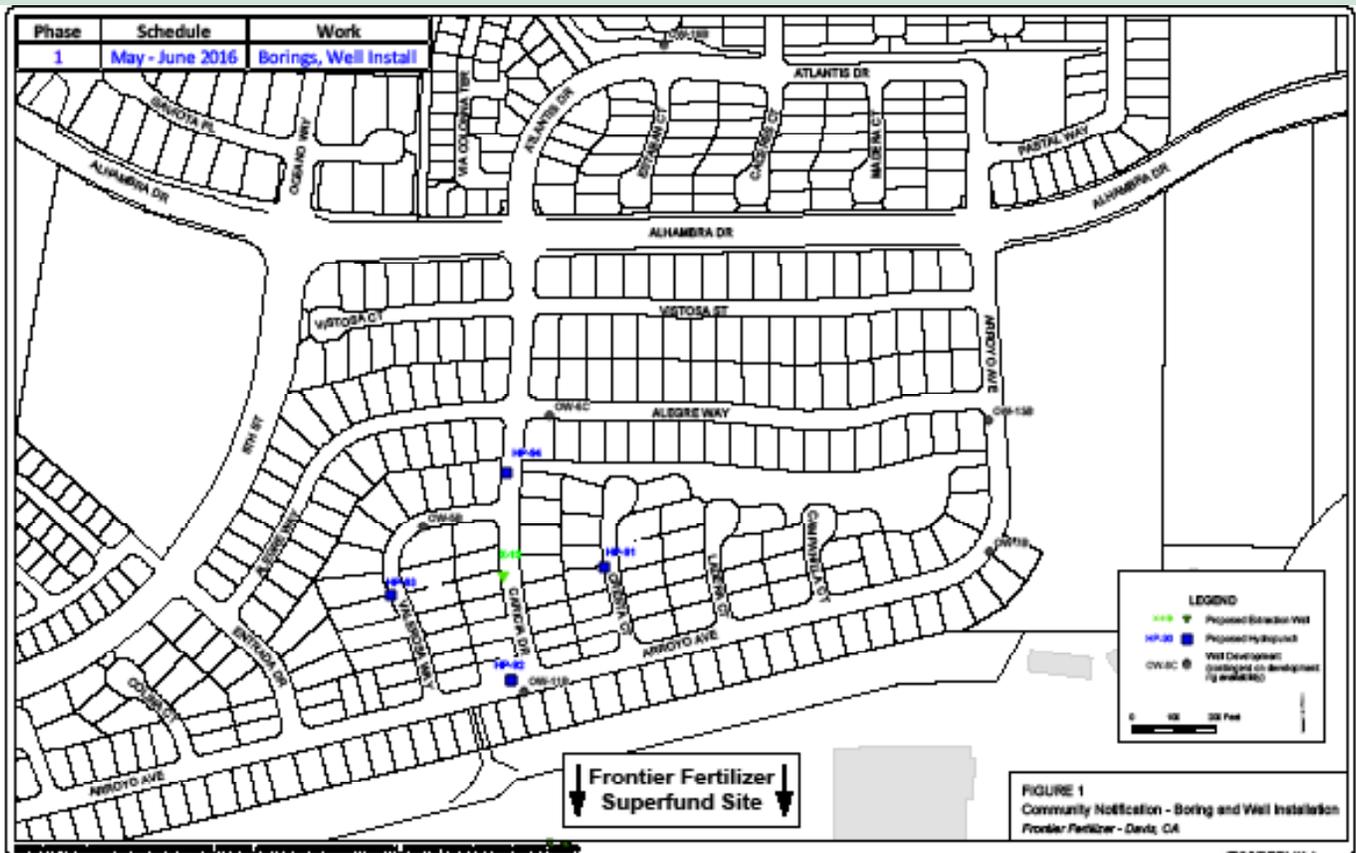
UPDATE

Neighborhood Fieldwork Starts May 26th, 2016 Groundwater Sampling/Extraction Well Installation/Maintenance

Starting Thursday, May 26th, and finishing on Tuesday, June 14th, 2016, the U.S. Environmental Protection Agency (EPA) will be drilling five holes to about 180 feet below ground surface (bgs) in the Mace Ranch neighborhood at the locations shown on the map below. At all five locations, EPA will collect groundwater samples. The groundwater samples will be analyzed to confirm that no contaminants from the Site have migrated to the deeper aquifer zone, which starts at approximately 180 feet bgs. Groundwater contamination from the Frontier Fertilizer Superfund Site does not affect any City of Davis drinking water wells, which obtain water from between 700-1,500 feet bgs.

When the sampling is finished, four of the holes will be sealed with cement grout. In one hole a groundwater extraction well will be installed, which will be added to the existing groundwater extraction network. EPA currently pumps and treats groundwater from sixteen extraction wells located between the Site and the Mace Ranch neighborhood.

In addition, five existing monitoring wells will be cleaned and pumped in order to improve their pumping performance. EPA collects groundwater samples from over forty monitoring wells every three months in the Mace Ranch neighborhood, to verify there are no added risks to residents. EPA will be drilling in other locations closer to the Superfund Site and south of the bike path, both before and after the neighborhood work. These activities are part of EPA's ongoing cleanup work at the Frontier Fertilizer Superfund Site, located along Second Street, south of the Mace Ranch Neighborhood in Davis, CA.



What We Are Going to Do

EPA plans to conduct the following activities:

- Collect the one-time, deep groundwater samples at five locations on Caricia Drive, Valerosa Way and Cresta Court. We anticipate that the drill rig will be working for two days at each location.
- Install a new extraction well on Caricia Drive, between Valerosa Way and Arroyo Avenue. The purpose of the well is to increase the amount of contaminated groundwater captured.
- Clean-out and pump five wells on Valerosa Way, Alegre Way, Atlantis Drive and Arroyo Avenue based on drill rig availability. If the drill rig is not available in the May/June timeframe, we'll plan this activity later in the summer.

We plan to connect the new extraction well to EPA's existing Second Street treatment plant with underground piping later this summer or fall. Prior to starting the trenching and piping

effort, we'll send out a fact sheet and host a community meeting. The drilling and pumping at the above locations will be noisy at times and vehicle, bicycle, and pedestrian traffic may be rerouted temporarily. The drill rig will operate from 8:00 am to 7:00 pm, Monday to Friday, in accordance with the City of Davis ordinance. We will not be working on Memorial Day. EPA will work to minimize inconvenience to residents.

What Happens Next

EPA will evaluate the data from this sampling and drilling effort with the State of California and the Frontier Fertilizer Site Oversight Group (FFSOG). We'll distribute another flyer shortly after the field activities to update you on the sampling results.

If you have questions or concerns, please contact:

Bonnie Arthur
Remedial Project Manager
U.S. EPA, Region 9 (SFD-7-1)
75 Hawthorne Street
San Francisco, CA 94105
Direct: (415) 972-3030
arthur.bonnie@epa.gov

Jackie Lane
Community Involvement Coordinator
U.S. EPA, Region 9 (SFD-6-3)
75 Hawthorne Street
San Francisco, CA 94105
Direct: (415) 972-3236
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:
<http://www.epa.gov/superfund/frontierfertilizer>