

# Upcoming Environmental Activities

## Collection of Soil Gas Samples

### April 2013

Some shoppers and employees of The Dunes on Monterey Bay (“The Dunes”) shopping center in Marina may see workers and drilling equipment in the parking lot during April.

**WHAT?** The Army will be drilling soil borings to collect soil gas samples at five-foot depth. The information is needed to further investigate the presence of shallow soil gas originating from groundwater contamination in this area. Typical drilling equipment is shown to the right and typical sampling equipment is shown below. During drilling, you may see some parking spaces or other



Photograph of Typical Drilling Equipment

small areas of the parking lot or sidewalk coned off to allow for the safe operation of equipment and workers. In order to maintain safety during the drilling, we will be restricting access to the public in the immediate area of the drill rig. Additionally, you may hear very brief periods of loud sounds from the drill rig. A map of the locations where drilling will occur is shown on the reverse side. It is anticipated that drilling and sample collection will take four to five days. All drilling and sampling activities will be conducted according to the California Department of Toxic Substances Control guidance documents.



Photograph of Typical Sampling Equipment

**WHAT IS SOIL GAS?** Soil gas, also known as soil vapor, is the air found in the spaces between soil particles. The soil gas found near groundwater contaminated with volatile chemicals can also become contaminated when these chemicals vaporize or evaporate into the soil gas. The groundwater in this area is located about 70 feet below ground surface, has low levels of volatile chemicals and is being actively cleaned up by the Army. Safe sampling practices and air monitoring will be used to ensure that there is no potential for exposure of contaminated soil gas to workers or members of the public during drilling and sampling.

Based on the soil gas data collected in October 2012, additional samples are needed to further investigate soil gas at the site. One of the sample results collected from the parking lot of the site was higher than expected so additional investigation is necessary. Results of the October sampling are publicly available [online](#) at [http://fortordcleanup.com/adminrec/ar\\_pdfs/AR-BW-2647/BW-2647.pdf](http://fortordcleanup.com/adminrec/ar_pdfs/AR-BW-2647/BW-2647.pdf) and results of the current sampling will also be placed in the Administration Record ([www.FortOrdCleanup.com](http://www.FortOrdCleanup.com)) in June. Additional sampling for soil gas will also occur later in the summer of 2013 to further delineate the depth of the contamination.

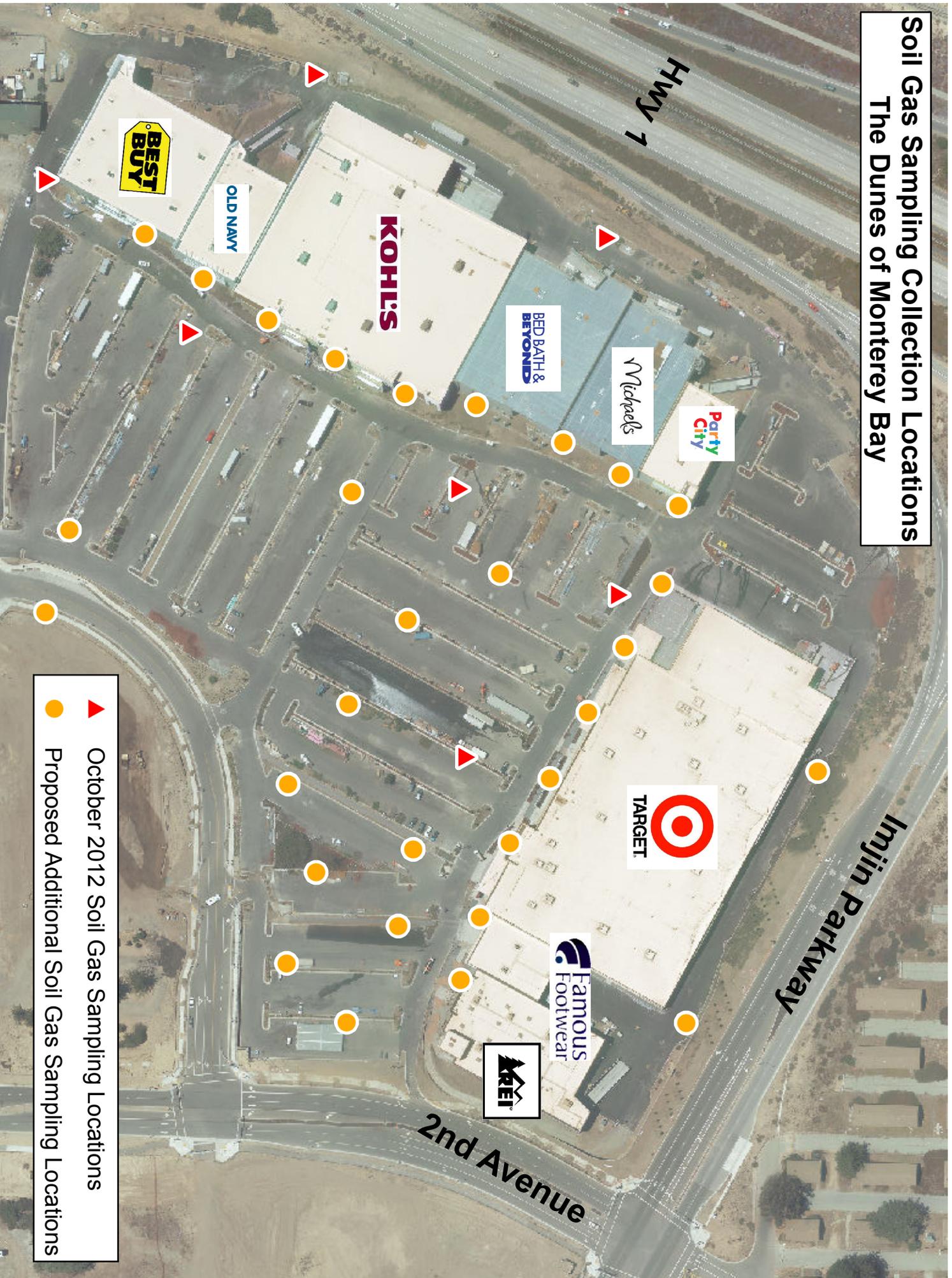
### **QUESTIONS**

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**Soil Gas Sampling Collection Locations**  
**The Dunes of Monterey Bay**



- ▲ October 2012 Soil Gas Sampling Locations
- Proposed Additional Soil Gas Sampling Locations