



516 West Outer Road, Camp Edwards, MA 02542

Neighborhood Notice - Upcoming Work in your Neighborhood

Dear Neighbor:

This notice is part of the Army's effort to keep you advised of work planned in your neighborhood that might affect you.

The Army National Guard's Impact Area Groundwater Study Program (IAGWSP) is conducting investigations and cleanup of groundwater at the Massachusetts Military Reservation (MMR). One of these investigations concerns Demolition Area 1, where a plume of groundwater contaminated with perchlorate has migrated past the base boundary north of the Otis rotary in Pocasset. A groundwater treatment system on-base has treated more than 1.9 billion gallons of groundwater since its startup in October 2004. In June 2011 an additional groundwater extraction well and treatment system at the base boundary designed to stop any further contamination from migrating off-base began operation. However, since a portion of the contamination had already migrated past the extraction well at the base boundary, additional investigation is required to help determine if further action is appropriate.

A monitoring well was recently installed on County Road, just west of Route 28 and north of the rotary in order to collect groundwater samples and identify the extent of the contamination that migrated off-base. The sampling results revealed detections of perchlorate at 1.1 parts per billion. The U.S. Environmental Protection Agency's (EPA) Lifetime Health Advisory for perchlorate is 15 ppb and the Massachusetts Department of Environmental Protection's (MassDEP) drinking water standard is 2 ppb. These and other recent results necessitate installation of additional monitoring wells to help understand the hydrogeology, extent of the groundwater contaminant plume and to determine next steps. All of the homes and businesses in the area of the plume are on town water and the contamination is in groundwater approximately 70 feet below the ground surface.

Installation of an additional monitoring well on town owned rights-of-way along County Road north of the Pocasset Golf Club property is planned for early May (C1 on the attached figure). The schedule for the installation of this well is as follows:

What: Installation of a Groundwater Monitoring Well
Where: On County Road, north of the Pocasset Golf Club
Dates: May 8th through May 28nd
Times: 8:00 a.m. to 5:00 p.m.

Impact on Neighborhood During Installation: The drill rig and equipment may be visible from homes in the area (a photograph of the drilling equipment is on the back of this notice). There will be some increased noise during drilling. It is anticipated that one lane of County Road will be closed to vehicle traffic during construction. A police detail will be used to assist with traffic as needed. The drill rig will be moved off-site each evening so it does not impact traffic overnight.

Permanent Impact on Neighborhood: None. Any areas disturbed during drilling operations will be restored to pre-existing conditions.

Representatives from the IAGWSP gained approval for drilling from Town of Bourne officials. The local police department has been informed and safety measures will be put in place to ensure that there is little impact to residents in the area. In addition, all work is coordinated with the EPA and MassDEP. Additional wells may be installed in this area in the future if needed. For further information on this ongoing investigation and the work in Bourne please contact Pamela Richardson with the IAGWSP at **508-968-5630**, pamela.j.richardson.nfg@mail.mil or log on to www.mmr-iagwsp.org. Other points of contact for Impact Area Groundwater Study Program activities at the MMR are: Kate Renahan, EPA, (617) 918-1491; and/or Ellie Donovan, MassDEP, (508) 946-2866.

