



Robins Air Force Base Environmental Advisory Board (EAB)

Fact Sheet



Volume 10, Issue 4, May 2016

The Robins AFB EAB

Recognizing the importance of public involvement in environmental matters, Robins Air Force Base (Robins AFB) has established the Environmental Advisory Board (EAB). The mission of the EAB is to encourage participation of surrounding communities in the Base's environmental programs and allow community members and other stakeholders to have meaningful dialog with Base officials. Specifically, the EAB serves to promote community awareness and obtain constructive community review, comment, and input on current and proposed actions associated with environmental programs at Robins AFB. The EAB supports the Air Force environmental mission of sustaining readiness, being a good neighbor, protecting human health and the environment for the Base and community, and making smart business decisions.

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May 2016 EAB Meeting

The spring EAB tour was held on Thursday, May 5, 2016. EAB members met at the Warner Robins City Hall in Warner Robins, Georgia, where they boarded a bus to LF004 to observe the drilling and installation of a groundwater monitoring well. The tour was followed by a brief meeting at Building 359 on Robins AFB.

This *Fact Sheet* provides a summary of the information and topics discussed during the tour.

The next meeting will be held at Centerville City Hall on Thursday, August 4, 2016.

EAB MEMBERS OBSERVE MONITORING WELL INSTALLATION AT LANDFILL NO. 4 (LF004)

During the spring EAB meeting, personnel from CH2M gave the EAB members a demonstration of well drilling and installation at LF004, one of the Base's restoration sites.



EAB members, Dr. Linda Smyth and Mr. James Harden, observe the monitoring well installation process during the spring EAB meeting.

LF004 has a cover system and a passive gas venting system. In 1997, a groundwater recovery and treatment system began operation at the site; the system was shut-down with regulatory approval to transition the site remedy to Monitored Natural Attenuation (MNA) in 2007. As part of the United States Environmental Protection Agency (US EPA) five-year review of the site's remedial progress, the agency requested the installation of additional monitoring wells on the north side of the landfill to better understand the groundwater plume delineation in this area.

A total of five, 2-inch diameter, monitoring wells are being installed. On the day of the EAB, a pair of monitoring wells (a shallow and deep well) were being in-

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EAB MEMBERS OBSERVE MONITORING WELL INSTALLATION AT LFO04 (Cont'd...)

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stalled north of Waste Pit 14, which is located on the north side of the landfill. The shallow well is screened from 5 to 15 feet below ground surface (ft bgs), and the deep well is screened from 20 to 30 ft bgs.

The EAB members observed the installation of the shallow monitoring well. At the time of the tour, the drill crew from Geo Lab Drilling had used hollow stem augers to advance the hole to approximately five feet above the target depth for the well (i.e., 15 ft bgs). They then advanced the augers to drill the last five feet, lowered the well into the hole, placed sand between the well screen and the auger, and gradually pulled the augers out of the ground. The sand acts as a filter and prevents fine grained soil particles from clogging the well screen (or entering the well casing), while allowing for free flow of the surrounding groundwater into the screened portion of the well.

Above the well screen, the remainder of the annu-

lar space was filled with a section of bentonite and then cement grout to provide a seal that prevents the migration of surface water into the aquifer. A locking cap was placed in the top of the riser pipe.

Once the grout was cured (following the tour), the drillers installed a vault around the well, and finished it as a flush-mounted well.



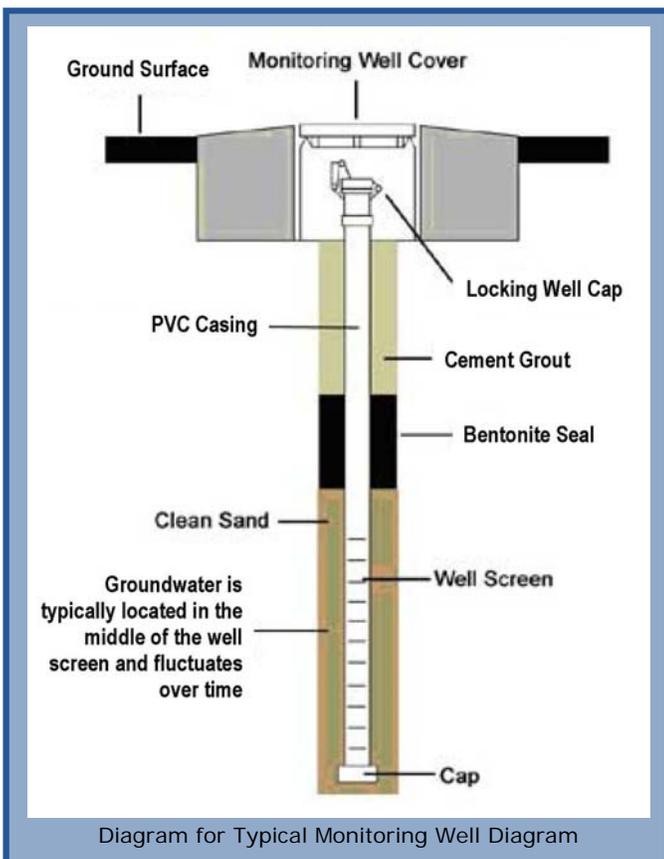
View of drill rig.



View of hollow stem augers used to drill hole.



Placement of sand pack between well and augers.



EAB MEMBERS OBSERVE MONITORING WELL INSTALLATION AT LFO04 (Cont'd...)



Drill crew hydrating the bentonite seal placed above the well screen with potable water.



Close-up view of sand pack used between well screen and geologic formation.



Mr. Perlmutter explaining the different types of well screens used in monitoring wells.



Close-up view of bentonite pellets used to seal annular space above the well screen.



Mr. Harden inspecting bentonite pellets with Mr. Benny Buice of CH2M, while Mr. Don Thompson looks on.



Close-up view of well pad upon completion (after the EAB tour).

DR. LINDA SMYTH ELECTED AS EAB COMMUNITY CO-CHAIR

Dr. Linda Smyth was elected at the EAB meeting to serve as the Community Co-chair for a three-year term. She has been active on the Board since 2004.

Dr. Smyth is a retired Associate Professor, who served as the Vice President for University Advancement at Fort Valley State University (FVSU) and as Executive Director of the FVSU Foundation for more than a decade.

She has been an active leader in several state, regional, and community organizations. She previously served as Chair of the Middle Georgia Clean Cities Coalition, Georgia Entomology Council, Macon Arts Alliance, and as Treasurer of Central Georgia Cares. Dr. Smyth is currently Board Secretary for the Macon Charter Academy.



Dr. Linda Smyth was elected as the Community Co-Chair at the May 2016 EAB Meeting.

Acronyms

AFB	Air Force Base
EAB	Environmental Advisory Board
FVSU	Fort Valley State University
ft bgs	feet below ground surface
LF004	Landfill No. 4
MNA	Monitored Natural Attenuation
US EPA	United States Environmental Protection Agency

For more information regarding the EAB, please contact **Ms. Charline Logue, Robins AFB EAB Manager**, at (478) 327-9268 or visit <http://www.robinseab.org>

Environmental Advisory Board Members

Mr. Alexander Stokes, Robins AFB Installation Co-Chair	Mr. James Harden, Warner Robins Community Member	Mr. Mike Maffeo, Macon Community Member
Dr. Brian E. Rood, Macon Community Co-Chair	Mr. John Harley, Centerville Community Member	Dr. Linda Smyth, Macon Community Co-Chair
Ms. Lila Llamas, US EPA Region 4 Hazardous Waste Division	Mr. Stephen Johnson, Macon Community Member	Mr. Don Thompson, Macon Community Member
Ms. Mary Brown, GA EPD Hazardous Waste Management	Ms. Debra Jones, Warner Robins Community Member	Mr. Penrose Wolf, Perry Community Member