

- Tuesday, September 15, 2009, 6:30 p.m. Open House Poster Session 6:00 p.m.
- North Highlands Recreation and Park District office, Recreation Center room
- 6040 Watt Ave.
- North Highlands, CA 95660

McClellan RAB Meeting

For more information on the RAB or the environmental cleanup program at McClellan, contact Mary Hall at McClellan Community Relations at 916-643-1250, ext 232, or email at mary.hall.ctr@lackland.af.mil

The public is encouraged to attend all RAB meetings and to ask questions and provide comments. In addition, the RAB is currently seeking new members. Anyone with an interest in the environmental cleanup program at McClellan is encouraged to apply. Technical expertise is not necessary.

Small Volume Sites on RAB Meeting Agenda for September

The McClellan Restoration Advisory Board (RAB) will meet on Tuesday, Sept. 15, 2009. The key agenda item is a presentation on the initial findings of the Draft Small Volume Sites Remedial Investigation and Feasibility Study. This document presents investigation results and evaluates cleanup alternatives for 91 primarily spill-related sites south of Dudley Blvd. on the former Air Force Base.

Environmentally sound: McClellan's successful, continuing cleanup has enabled its simultaneous transformation to a thriving business park.

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Environmental Action UPDATE

Air Force Environmental Activities at McClellan

SEPT 2009

McClellan Soil Vapor Extraction: Another Cleanup Success

The soil vapor extraction system (SVE) at McClellan is working itself right out of a job. Not immediately, but the system's steady progress has enabled significant parts of the system to be shut down because they are no longer needed. In addition, other parts are being evaluated for shut down in the coming months.

study." The remaining seven plumes have been cleaned to the prescribed levels and treatment has stopped permanently.

It's another good news story in the cleanup program here at McClellan

— Steve Mayer,
McClellan environmental coordinator

Soil vapor extraction basically vacuums volatile organic compounds (VOCs) out of the spaces between the particles of soil. VOCs are then removed through treatment above ground and clean air is released into the atmosphere. Those compounds are the result of past base activities that involved the use of fuels, solvents, cleaners, and other chemicals.

At McClellan, there were 26 areas, or "plumes" of these vapors in the soil. In 1993, the Air Force began installing a SVE system to remove the VOCs from the soil. At its peak operation, the SVE system on the former base included more than 100 extraction wells and 15 treatment systems.

To date, more than 1.5 million pounds of contaminants have been removed and only two plume sites remain in active cleanup. Another 17 are temporarily shut down for "rebound



Crews dismantle an SVE treatment systems that is no longer needed near the former Building 1048. More than 1.5 million pounds of contaminants have been removed through soil vapor extraction at McClellan.

SEE SVE, Page Two

5-year Reviews Verify Protectiveness of Cleanup at McClellan and Davis Site

The just-completed 2009 5-year reviews of the cleanup programs at McClellan and the former Davis Global Communication Site concluded that the cleanup programs

SEE 5-year Review, Page Two

5-year Review

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instituted thus far remain protective of human health and the environment.

Steve Mayer, McClellan environmental coordinator, explained that the 5-year reviews are like an audit. "Basically, we look back on all the remedies that are in place to ensure that they are continuing to provide protectiveness and that they are doing what they were designed to do," Mayer said.

A 5-year review must answer the following questions for each cleanup remedy in place:

- Is the remedy functioning as intended?
- Are the assumptions and objectives still valid?
- Has any other information come to light?

In addition, each assessment identifies pending actions, possible future issues, and recommendations.

For McClellan, the review looked at two records of decision (RODs): the 2007 Basewide Volatile Organic Compound (VOC) Groundwater ROD and the 2008 Initial Parcel #2 ROD, as well as one Interim ROD (IROD): Operable Unit (OU) B1 IROD.

In addition, Mayer noted that in 2004 the McClellan 5-year review expanded to take a more comprehensive look at the entire base.

"We opened up the scope of the review to look at a number of other sites and programs, including those for which there are not yet RODs in place. The 2009 process continued

that expanded review to help us make sure we are being protective of human health and the environment," Mayer said.

The Davis site review examined the remedies specified in the 1995 IROD for cleanup of the groundwater and the vadose zone.

Once completed, the 5-year review is approved and signed by the Air Force and the State. The U.S. Environmental Protection Agency issues a separate letter concurring with the Air Force protectiveness determination.

SVE

Continued from Page One

When monitoring shows that contaminants have been removed to a prescribed level, the SVE system at a site is temporarily shut down for continued monitoring. Sometimes, contaminants on the periphery of the plume migrate, or "rebound," back into the area and the system is restarted. Eventually, however, the entire plume is cleaned, and after a final "stop evaluation," the system is permanently shut down.

In June, field crews dismantled two SVE systems that were no longer needed: IC 5 and PRL T44. IC 5, a former parts and equipment storage area, is located in the southwest quadrant of the base near the intersection of Kilzer Ave. and Dean St. PRL T44 includes the former building 1048 and an underground storage tank.

Soil vapor extraction is a key component of the overall groundwater cleanup program. Removing VOCs from the soil by SVE is generally quicker and less costly as compared to later removing them from the groundwater.

Annual Spare the Air Transportation Fair

EPA and the Air Force will participate in the Annual Spare the Air Transportation Fair at McClellan Business Park on October 8, 2009. Please stop by our booths to learn more about cleanup at McClellan and sign up to be on the mailing list.

Privatized Cleanup

Contamination at Parcel C-6 will be addressed through privatized cleanup also known as (privatization). Privatization provides for the selection of remedial actions by the U.S. Environmental Protection Agency (EPA) with State involvement. Cleanup of Parcel C-6 will be completed by McClellan Business Park with oversight by EPA and the State through agreements with the Air Force and Sacramento County.

Remedy Selected for Parcel C-6 Record of Decision

The U.S. Environmental Protection Agency (EPA) and the State of California have signed the Record of Decision (ROD) for Parcel C-6 at the former McClellan Air Force Base (AFB). In the ROD, EPA selected the cleanup remedy for this privatized portion of the former Base. A ROD is a legal document that explains the cleanup plan for a specific site. EPA's remedial decision is based on environmental investigations and was subject to a public comment period as well as State review. The ROD identifies actions needed to address risks to human health and the environment from contaminated soil and describes the planned cleanup actions.

The ROD was developed in conjunction with the Proposed Plan for Parcel C-6, which was available for public comment from October 24, 2008 to November 24, 2008. The Proposed Plan presented the cleanup goals for the chemicals of concern (COCs) and evaluated the various alternatives for cleaning up the site against the nine criteria established under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The EPA reviewed all comments submitted during the public comment period before making a final remedial decision. The EPA determined that no significant changes to the remedies, as originally identified in the Proposed Plan, were necessary or appropriate.

The ROD can be viewed online at: www.epa.gov/region09/McClellanAFB

Contact for more information about Parcel C-6:

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|----------------------------|----------------------------------|
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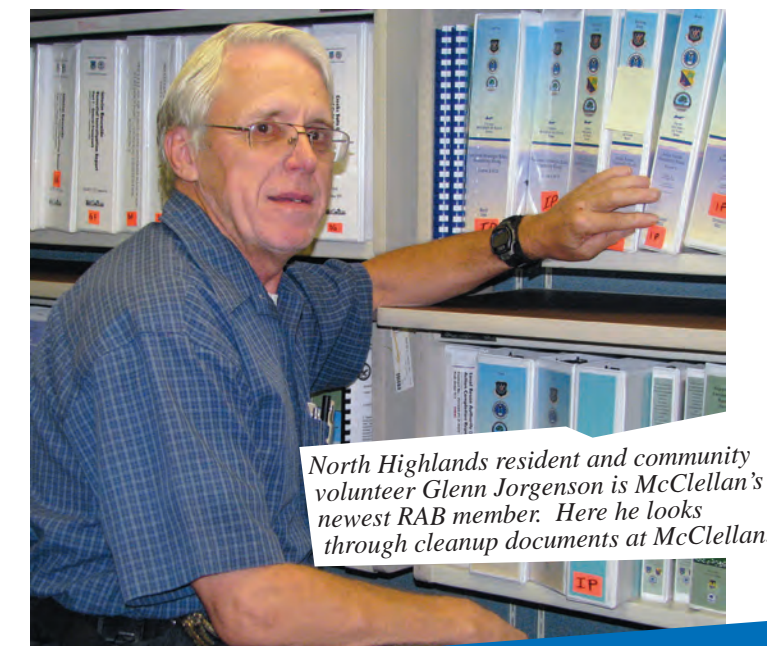
Meet the Newest McClellan RAB Member Glenn Jorgenson, North Highlands

A 40-year North Highlands resident, Glenn Jorgenson says he's always thought of McClellan as his home. He was stationed on the former Air Force base in the mid 1960s – lived in base housing and worked in Building 7. He left McClellan to serve in Turkey and then returned to North Highlands as a civilian to work and raise a family.

Now Jorgenson is helping to advise the Air Force on the cleanup of "his home." Jorgenson is the newest community member of the McClellan Restoration Advisory Board (RAB). The RAB includes representatives from the local community, the Air Force and regulatory agencies. Through quarterly meetings, RAB members advise the Air Force and regulatory agencies about community concerns and provide feedback on McClellan cleanup documents.

Jorgenson said he is fascinated by the variety of activities -- from residences and hotels to office and warehouse business and environmental cleanup -- at McClellan. "It's like a complex organism," he said.

"To be involved in the environmental concerns and restoration just fits me and my interest and it has enabled me to become a part of McClellan again," he added. "I hope that I can ask a lot of questions. I'm good at asking questions and I like doing research and studying things."



North Highlands resident and community volunteer Glenn Jorgenson is McClellan's newest RAB member. Here he looks through cleanup documents at McClellan.