



Motorola 52nd St. Superfund Site



U.S. Environmental Protection Agency • Region 9 • San Francisco, CA • April 2010

Important Announcements

This fact sheet will detail the following announcements:

- » U. S. Environmental Protection Agency (EPA) is negotiating with Freescale Semiconductor to conduct soil gas sampling and, if needed, indoor air sampling near the historic Motorola facility
- » Organizational changes and staff updates – EPA to function as lead agency for Community Involvement
- » Formation of Community Informational Group (CIG)
- » Next Public Meeting

Upcoming meetings

Public meeting :

May 17, 2010, 6:30-8:30pm,
Gateway Community College
Room MA 1100 N and MA 1100 S

ADHS health workshop/ TAG meeting :

June 1, 2010, 6-8pm
Gateway Community College
Room MA 1100 N and MA 1100 S

First CIG meeting :

Save the Date: June 17

U.S. EPA Negotiating With Freescale to Conduct a Vapor Intrusion to Indoor Air Investigation near the historic Motorola facility

The EPA is currently negotiating an Administrative Order on Consent and a Statement of Work with Freescale Semiconductor Inc., to conduct a vapor intrusion to indoor air evaluation at Operable Unit 1 (OU1) of the Motorola 52nd St. Superfund site. Vapor intrusion is the migration of volatile organic compounds (VOCs) such as trichloroethene (TCE) and perchloroethylene (PCE) from subsurface soil and groundwater into the indoor air of buildings (See Figure 1).

The area that will be studied is bounded by East McDowell Road to the north, Roosevelt St. to the south, SR 143 to the west and 52nd St. to the east. (See Figure 2.) Depth to groundwater in this area ranges from approximately 30 feet below ground surface (bgs) on the former Motorola facility to approximately 60 feet bgs at SR 143.

The first step in evaluating the potential for vapor intrusion to indoor air will be to collect samples of soil gas. VOCs can volatilize (become a gas) and migrate into the soil above groundwater where they can be measured in the spaces between soil particles (soil gas). The sampling results will be compared to health-based screening levels to determine if indoor air sampling is needed. If indoor air sampling is needed, two rounds will be conducted, one in hot season and one in cool season.

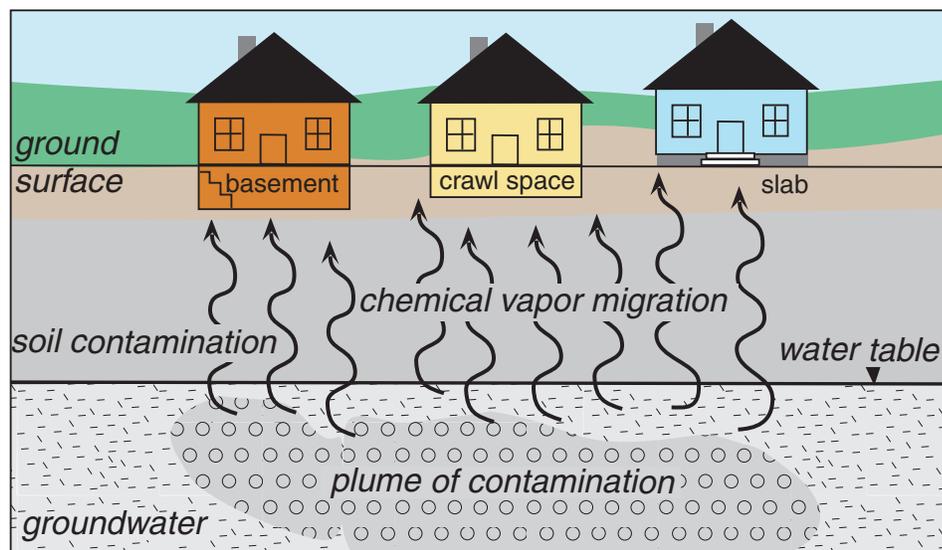


Figure 1: Vapor Intrusion Pathway

EPA will hold a series of meetings to explain the work and answer community questions. We will work closely with homeowners and occupants to make sure they are comfortable with any proposed sampling.

Staff and Organizational Changes

The U.S. EPA will now have primary responsibility for site-wide community involvement, with the Arizona Department of Environmental Quality (ADEQ) as the support agency.

As part of this transition, the Community Involvement Plan will be updated. If you are interested in being interviewed as part of this Plan, please return the enclosed mailer or contact Leana Rosetti, Community Involvement Coordinator (contact information on page 4).

There have also been some changes to the technical staff. Please see page 4 for the updated site team contact information.

Formation of a Community Informational Group (CIG) for the Motorola 52nd St. Superfund Site

In response to community interests to expand meaningful community involvement regarding the Site, EPA and ADEQ would like to propose the establishment of a CIG. A CIG is a group of community members, leaders, and stakeholders who represent diverse community interests. Its purpose is to provide a public forum for community members to present

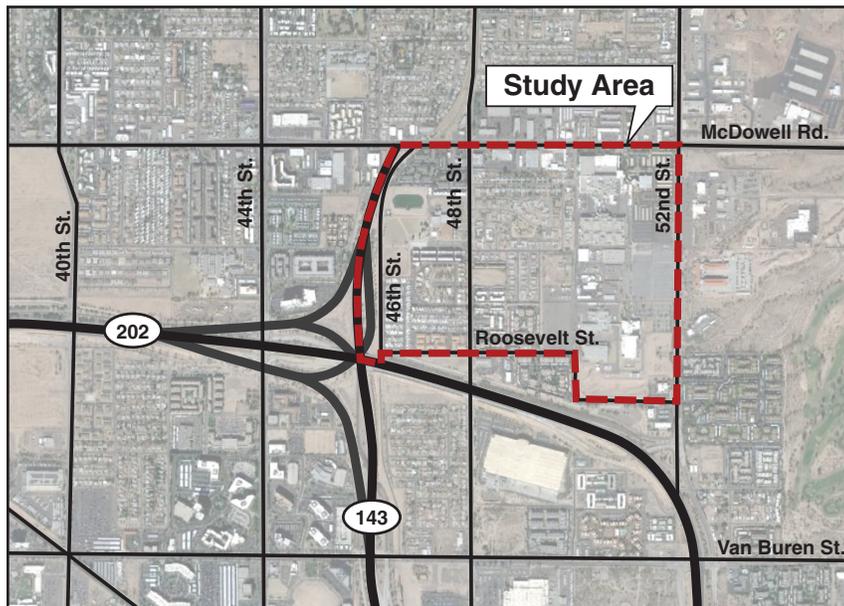


Figure 2: Map of vapor intrusion study area

Technical Assistance Grant (TAG)

A TAG recipient has been established for this site. The Lindon Park Neighborhood Association, recipient of the TAG, works with an independent technical advisor to interpret and comment on Site activities and shares this information with the community. The group holds monthly meetings which are open to the public, currently scheduled the first Tuesday of every month (See health workshop box for details about the next meeting). For more information, please contact:

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and discuss their needs and concerns related to the Superfund decision-making process, and to give the community more responsibility in the process and in outreach efforts. The CIG will meet approximately 4 times a year. With regular attendance of committed members there will be an opportunity to discuss specific topics in greater detail. The members will be responsible for communicating important issues back to their communities as well as represent their community's interests.

CIG meetings will be open to the public, and the agenda will be determined by the CIG members in collaboration with EPA and ADEQ. EPA and ADEQ can provide information, organizational and logistical support while ownership of the group itself really belongs to the community.

If you are interested in joining the CIG, please contact Leana Rosetti (contact information on page 4).

Next Public Meeting: May 17, 6:30-8:30pm

EPA and ADEQ will host a public meeting regarding the Motorola 52nd St. site at Gateway Community College, room MA 1100 N and MA 1100 S, on May 17, from 6:30-8:30pm. The proposed agenda is as follows:

Purpose: Inform the affected community of up-to-date cleanup plans and progress; answer community questions and hear public concerns.

**There will be a poster session from 6:00-6:30 and again after the presentations and discussion portion of the meeting. EPA, ADEQ, responsible parties, and the community's Technical Assistant Grant (TAG) Advisor will be available to answer questions. Please arrive early if possible.*

- Introductions, overview of Site and cleanup progress
- Frequently asked questions
- CIG invitation
- Vapor Intrusion Investigation in OU1
- Proposed end-use of treated water in OU1
- Bedrock extraction pilot study in OU1
- Concluding poster session

Times for each topic will be flexible depending on community interest. Your attendance and involvement is appreciated!

Please encourage your neighbors and local community leaders to be a part of this group. EPA and ADEQ appreciate your commitment and support for the cleanup of this site.

Arizona Department of Health Services to Conduct Workshop to Address Motorola 52nd St. Community's Health Concerns

In order to follow up with some of the concerns raised at the Motorola 52nd St. community meeting in September 2009, Jennifer Botsford from the Arizona Department of Health Services (ADHS) will be holding a workshop at the next TAG meeting on June 1, 2010, at Gateway Community College, room MA 1100 N and MA 1100 S. You should have received a newsletter in the mail asking for suggested topics as well as specific illnesses that concern you related to the site. Your feedback will be used to tailor the workshop, which as of now will include the following:

- Preliminary needs assessment with the help of Technical Assistance Services for Communities
- Examination of how the Agency for Toxic Substance and Disease Registry would review the data from the upcoming vapor intrusion investigation
- Thorough analysis of why a study of past exposures is challenging, and alternatives to this approach
- Phoenix cancer registry's newest 2010 results, updated from 1990

Please contact Jennifer Botsford for more information at (602) 364-3128 or botsfoj@azdhs.gov.

Where to Get More Information

Community members can review site information at the following repositories or on the EPA or ADEQ websites at: www.epa.gov/region09/Motorola52ndSt

Burton Barr Public Library
1221 N. Central Avenue
(602) 262-4636

**Phoenix Public Library,
Saguaro Branch**
(Information primarily stored on CD's)
2802 North 46th St.
(602) 262-6801

**ADEQ Records
Management Center**
(M-F 8:30 am - 4:30 pm)
1110 W. Washington St.
(602) 771-4380

If you have questions, or interested in having EPA do a presentation about the Motorola 52nd St. Superfund site for a group, please contact Leana Rosetti (see page 4).

Motorola 52nd St. Superfund Site

Important Announcements Factsheet

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