



Middlefield-Ellis-Whisman (MEW) Study Area

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY • REGION 9 • APRIL 2004

EPA CONDUCTING FIVE-YEAR REVIEW OF CLEANUP REMEDY

Mountain View, CA

The U.S. Environmental Protection Agency (EPA) is conducting a Five-Year Review of the cleanup remedy for the Middlefield-Ellis-Whisman (MEW) Study Area in Mountain View, California. The purpose of the Five-Year Review is to see if the cleanup remedy is operating as designed and meeting EPA's goal of protecting human health and the environment.

During the Five-Year Review, EPA evaluates the various components of the cleanup remedy, and assesses monitoring data and any changes to Site conditions since the remedy was originally selected. EPA also

interviews people who have knowledge of operations of the cleanup systems, and talks with members of the public who have information or concerns about on-going cleanup activities. In addition, new information concerning the toxicity of trichloroethene (TCE) and potential air quality impacts from Site contamination will be considered during review activities.

EPA will document its findings in a Five-Year Review Report for the MEW Study Area. The Report will also identify any issues concerning the protectiveness of the remedy and any additional information or actions that may be necessary to ensure that the remedy is protective of human health and the environment.

EPA anticipates a draft Five-Year Review Report will be available in May 2004 for the public to review and provide input. The final Five-Year Review Report will be completed in September 2004.

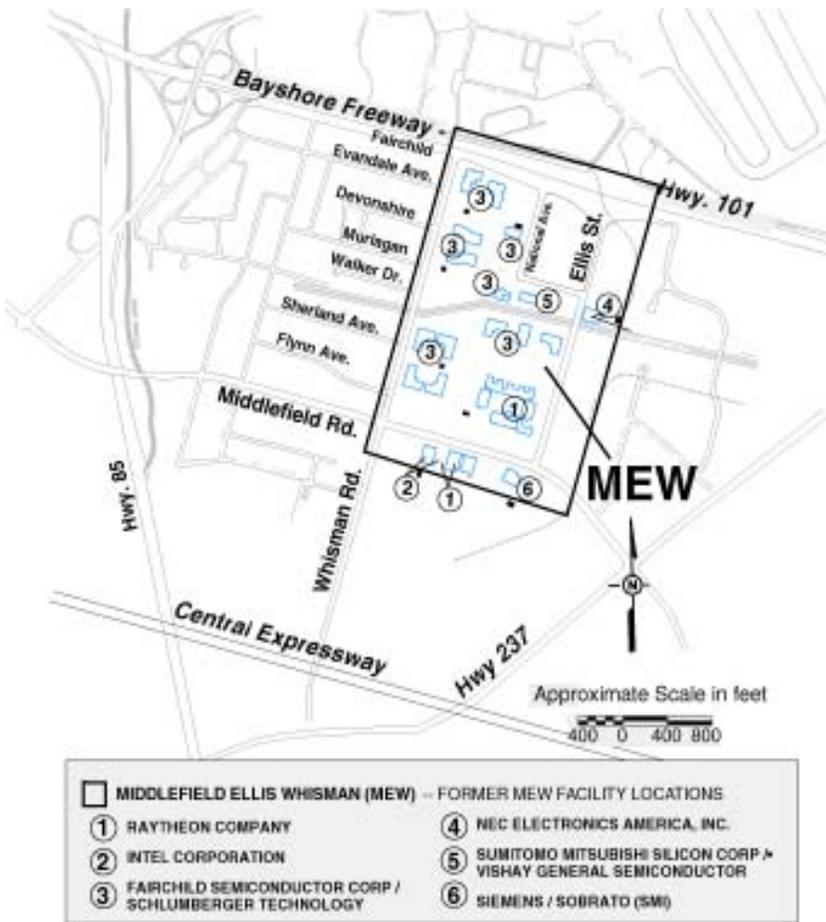


Figure 1: Middlefield-Ellis-Whisman (MEW) Study Area

IF YOU NEED SPANISH OR OTHER LANGUAGE TRANSLATION, PLEASE SEE BACK PAGE.

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Selected Cleanup Remedy

In June 1989, EPA issued a Record of Decision selecting the soil and groundwater cleanup remedy for the MEW Study Area. The soil remedy includes: (1) excavation, with treatment by aeration; and (2) soil vapor extraction, with treatment by vapor phase granular activated carbon. The soil cleanup has been completed at all the MEW facilities.

The groundwater cleanup is underway and will continue to operate for many decades in order to meet the TCE groundwater cleanup standard of 5 parts per billion. It is important to note that groundwater is not used for drinking water or other household uses.

The groundwater remedy includes: (1) slurry walls (barriers installed beneath the surface) to contain contaminants; and (2) extraction and treatment systems to contain and clean up groundwater contamination using granular activated carbon and/or air stripping systems.

SITE BACKGROUND

The MEW Study Area includes three Superfund sites: Fairchild Semiconductor-Mountain View; Intel Corporation-Mountain View; and Raytheon Company.

The MEW Site location and the former facilities and companies responsible for the investigation and cleanup (referred to collectively as the MEW Companies) are shown in Figure 1 on the front page.

In the 1960s and 1970s, several industrial companies involved in the semiconductor, electronics, and other manufacturing and research contaminated the soil and groundwater with TCE and other volatile organic compounds (VOCs). TCE is a solvent that has been widely-used as an industrial cleaning and degreasing agent.

Community Involvement

EPA policy and the Superfund law establish a strong program of public participation in the site cleanup decision-making process. EPA is interested in hearing community members' views, issues and concerns about MEW Site conditions and the cleanup remedy. Community members interested in providing input are encouraged to contact EPA at the numbers listed on page 3.

There are a number of ways to learn more about MEW Site cleanup activities. EPA updates the public on investigation and cleanup activities at community meetings and through EPA fact sheets.

Site investigation, monitoring and cleanup documents are available for review at the Mountain View Public Library. Fact sheets that summarize cleanup information are also available directly from EPA. EPA's Community Involvement Coordinator, David Cooper, and EPA's Project Manager, Alana Lee, are available at the numbers listed on page 3 to answer questions.

Also, a community advisory group — the Northeast Mountain View Advisory Council (NMAC) — has been formed to encourage community members to become involved and to learn more about the cleanup process at the four federal cleanup sites in Mountain View, including the MEW Study Area.

The NMAC receives regular updates on the progress of the air investigation and site cleanup work at the MEW Site and the three other Mountain View sites (GTE, NAS Moffett Field, and Jasco Chemical).

The NMAC generally meets on the third Wednesday of each month at 7 pm at Slater Elementary School (325 Gladys Avenue) or the Adobe Building (157 Moffett Boulevard). Please contact David Cooper for the time, date, and location of the next meeting.

For More Information

MEW Site-related documents are available at the EPA Information Repositories listed below.

Mountain View Public Library

585 Franklin Street
Mountain View, CA 94041
(650) 903-6887

Hours:

Monday - Thursday: 10 am - 9 pm

Friday and Saturday: 10 am - 6 pm

Sunday: 1 - 5 pm



EPA Region 9 Superfund Records Center

95 Hawthorne Street, Suite 403S
San Francisco, CA 94105
(415) 536-2000

Hours: Monday - Friday: 8 am - 5 pm

Contacting EPA

If you would like to provide input to EPA about the cleanup progress at the MEW Study Area or if you would like more information, please contact:

Alana Lee

Project Manager
(415) 972-3141
E-mail: lee.alana@epa.gov

David Cooper

Community Involvement Coordinator
(415) 972-3237
E-mail: cooper.david@epa.gov

Or Toll-Free Message Line (800) 231-3075

See EPA Region 9's Superfund Web Site:
<http://www.epa.gov/region09/waste/sfund>



MAILING LIST COUPON

If you did not receive this fact sheet in the mail and would like to be included on the mailing list to receive future mailings about the MEW Study Area and/or Mountain View sites, please fill out this coupon and return to:

David Cooper, Community Involvement Coordinator
EPA, Region 9
75 Hawthorne Street (SFD-3)
San Francisco, CA 94105
Fax: (415) 947-3528



***Note: You may also e-mail the following information to: cooper.david@epa.gov**

Please indicate which site mailing lists you would like to be on:

- | | | | |
|------------------------------|--------------------------|---------------------|--------------------------|
| MEW Study Area | <input type="checkbox"/> | Jasco Chemical Site | <input type="checkbox"/> |
| | | GTE Site | <input type="checkbox"/> |
| NAS Moffett Field Site | <input type="checkbox"/> | | |
| All four Mountain View Sites | <input type="checkbox"/> | | |

Please indicate language needs:

- | | |
|---|--------------------------|
| Spanish translation for fact sheets | <input type="checkbox"/> |
| Spanish translation for public meetings | <input type="checkbox"/> |
| Other language translation needs | <input type="checkbox"/> |
| Please specify _____ | |

Please indicate if you would like to be on the mailing list and e-mail list for the Northeast Mountain View Advisory Council (NMAC). Please provide your e-mail address below.

PLEASE PRINT ALL INFORMATION

NAME: _____

ADDRESS: _____

PHONE: (OPTIONAL) _____ E-MAIL: _____

DO YOU NEED SPANISH OR OTHER LANGUAGE TRANSLATION?

EPA will work with groups and individuals who need language services for MEW Site information. This may include translation of fact sheets, the use of translators at public meetings or one-on-one assistance, as appropriate.

For more information, please contact David Cooper, (415) 972-3237 or the toll-free message line, (800) 231-3075.

¿NECESITAS TRADUCCIÓN AL ESPAÑOL O A OTRO IDIOMA?

La EPA le proveerá servicios de traducción a grupos e individuos que necesitan la información sobre el sitio MEW en otro idioma además de inglés. Estos servicios incluirán la traducción de boletines y el uso de traductores en reuniones públicas o en reuniones individuales.

Para más información, favor de comunicarse con David Cooper al (415) 972-3237 o llamar nuestra línea de mensajes al (800) 231-3075.