

Conclusions and Recommendations

Conclusions

- Can the exposure cause harm?
- To whom?

Recommendations

- Should exposures be reduced?
- Do we need more information?
- Do we need to educate the community about what exposures (past or current) mean to them?
- Are other actions needed?



EPA Risk Assessment (RA) vs. Public Health Assessment (PHA)

RA

- Develop regulatory clean-up plans
- Focus on present and future exposures
- More quantitative

RA and PHA

- Use similar environmental data sets
- Focus on exposure assessment
- Use toxicological evaluation method

PHA

- Make public health decisions
- Focus on present and past exposures
- More qualitative

PHA makes recommendations to regulatory agencies but also to a wider audience that can include residents, community groups, local health departments, medical care providers, or agencies conducting basic research.

Impacts

Support need for *cleanup* actions

Allow *early* response to public health issues



Identify potential *exposure* pathways to be characterized

Identify *new sites* or situations of health concern not under regulatory authority

Engage local and state health departments



Give *advice* to residents and community leaders



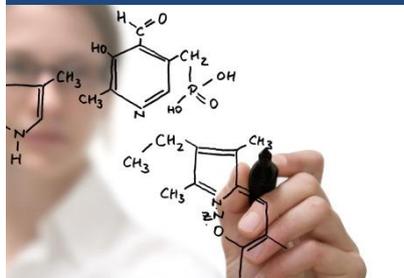
Provide physician *education* and community *outreach*

ATSDR Resources: Where To Go For More Information



Regional Offices and State Coop Partners

<http://www.atsdr.cdc.gov/dro/>



Toxicological profiles—Tox FAQs

<http://www.atsdr.cdc.gov/toxprofiles>



Environmental Medicine

<http://www.atsdr.cdc.gov/csem>

A Partner Perspective



Jack Kelly
On Scene Coordinator
EPA Region 3

EPA Removal Program Perspective Mid-Atlantic Region, Philadelphia PA

EPA's Superfund Removal Program

- Oversees emergency or shorter term federal actions at hazardous waste sites
- In many regions, works closely with ATSDR public health experts

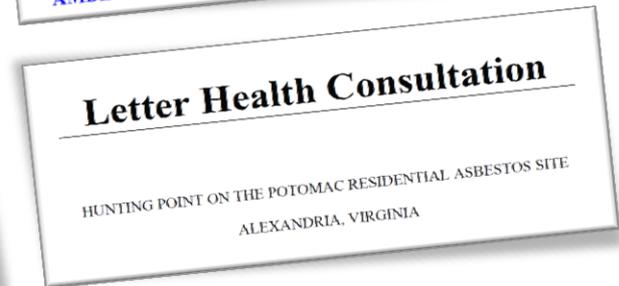
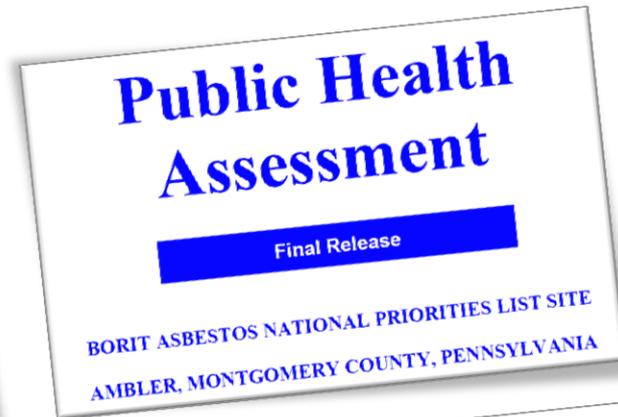
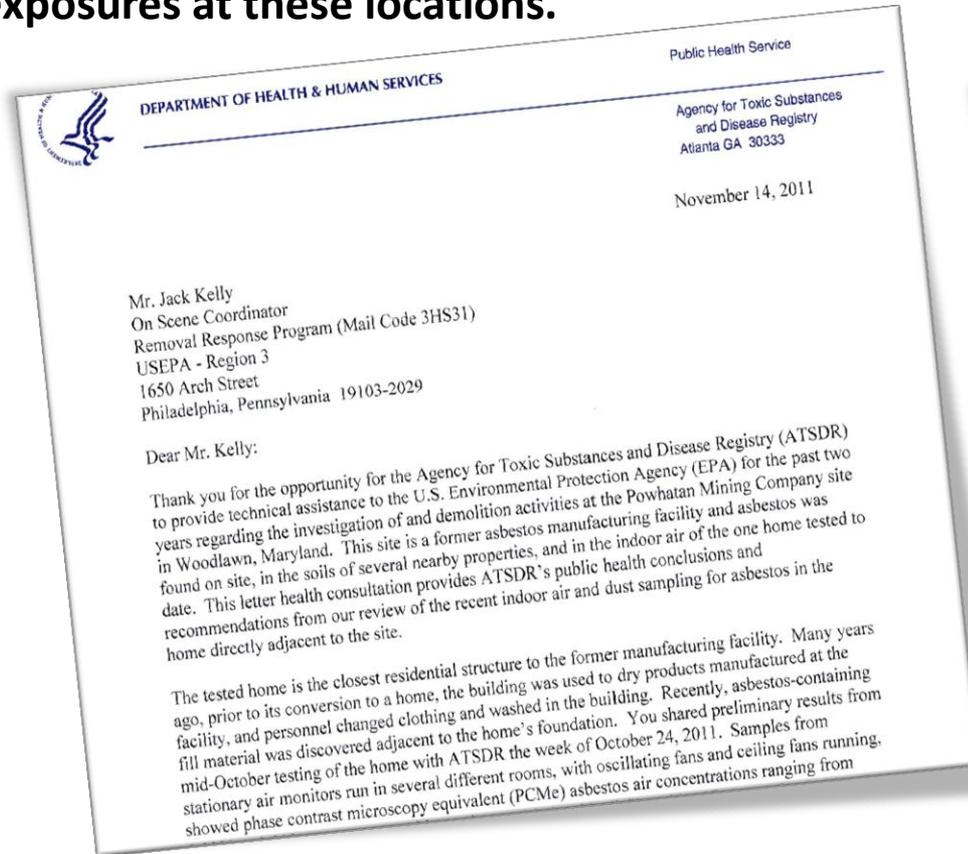
EPA On Scene Coordinators request technical assistance from ATSDR

- Discuss sampling plans and approaches
- Review sampling data
- Make recommendations regarding next steps
- Talk to residents about their health risks

ATSDR 24-hour public health support during environmental emergencies can be particularly useful for EPA responders

Technical Assistance at Asbestos Sites

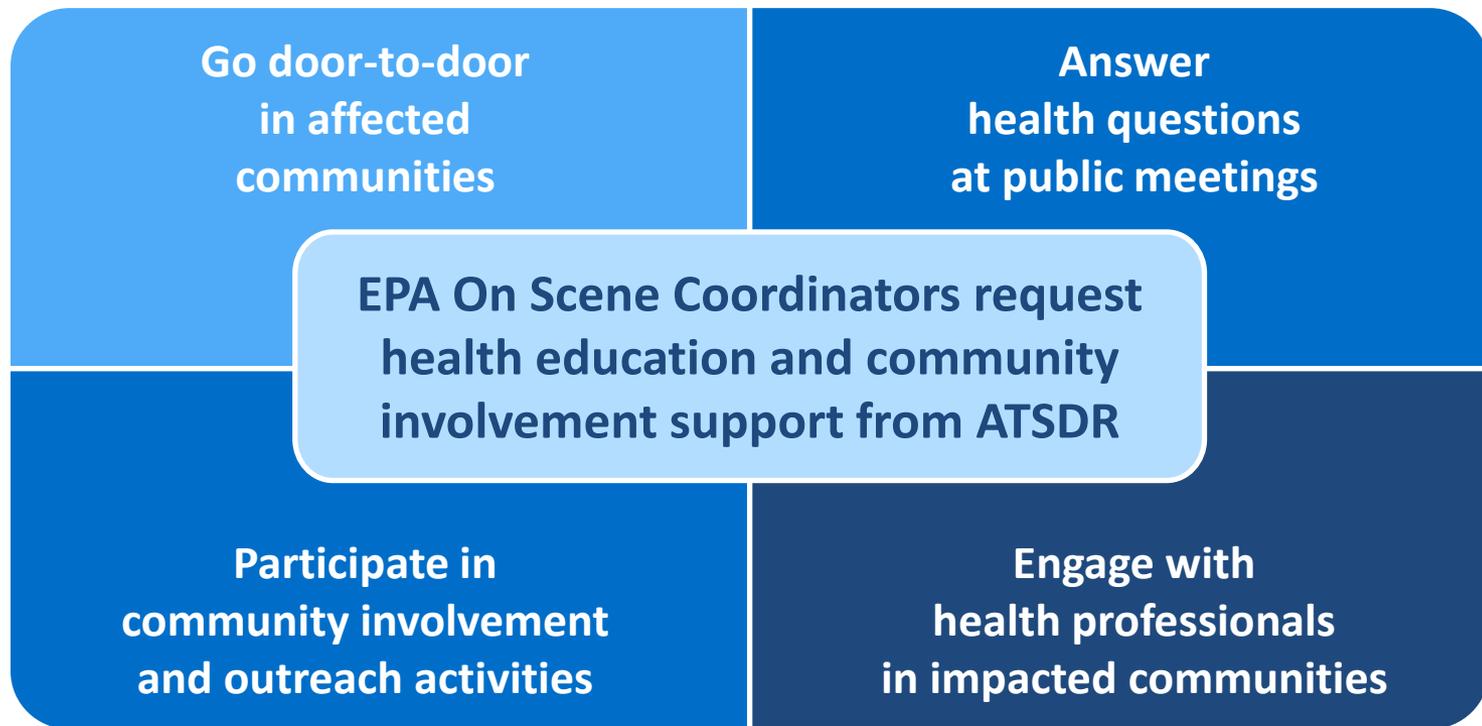
ATSDR's evaluations at these Region 3 asbestos sites supported EPA actions to mitigate exposures at these locations.



Evaluations of sites with asbestos contamination can be complex!

Health Education and Community Involvement

EPA relies on ATSDR to work with state and local health partners to answer people's health questions about hazardous chemical exposures



2014 Hunting Point Public Meeting, Alexandria VA; 2011-2014 Urban Gardening Outreach, Philadelphia, PA



SCHEDULE

Soil Testing for Lead, 9am - 3pm

11:00-12:45
Raised Bed Gardening 101

11:00-1:00
Kids Activity: Building Your Own Terrarium

1:00-2:00
Supporting Healthy Food with the Kensington Food Cooperative

All Day!
Compost for sale, Creative Mapping, and much more!



Questions?

Agency for Toxic Substances and Disease Registry

4770 Buford Highway NE, Atlanta, GA 30341

Telephone: 1-800-CDC-INFO (232-4636)/TTY: 1-888-232-6348

Visit: www.cdc.gov | Contact CDC at: 1-800-CDC-INFO or www.atsdr.gov

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