## ATSDR Brownfield and Land Reuse Site Tool®

### **Environmental Health**

### What is the ATSDR Brownfield and Land Reuse Site Tool °?

This tool is a rapid site screening and multiple chemical exposure dose calculating tool that allows users to assess sites by past/future use, institutional controls, sensitive populations, and suspected or confirmed contamination.

# Why was the Brownfield and Land Reuse Site Tool<sup>o</sup> Developed?

A survey of local health departments indicated a need for a system to:

- Provide inventory of sites.
- Store records for public inquiry of sites.
- Respond to inquiries.
- Catalogue institutional controls, health concerns, violations, spills, contaminants, and emergency response events related to the property.
- Provide a "How To" guide to conduct a site visit.
- Evaluate exposures by defining exposed populations and sub-groups, multiple exposure pathways, user specific ingestion rates for population groups or use defaults.
- Calculate doses using ranges of exposure parameters, 95% Upper Confidence Limits, geometric mean, and other statistical parameters.
- Test the data for Normal/Log Normal distributions. Import and process laboratory data (10,000 data points per minute throughout).
- Verify calibrations.
- Troubleshoot analytical problems.
- Set up quality-assurance or quality-control programs.
- Conduct research and development.

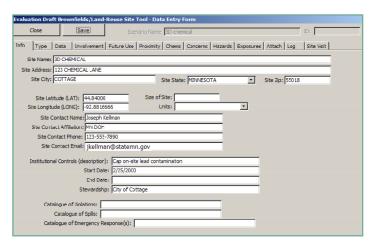
### What entities are using the ATSDR BF and LR Site Tool<sup>o</sup>?

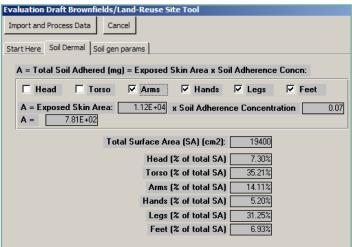
- Health Departments (from local to state level)
- Development Community
- Regulatory Agencies
- Planners
- Environmental Health Professionals

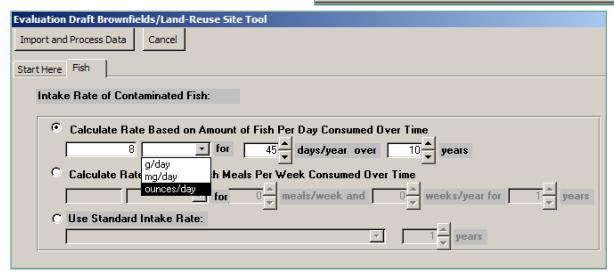


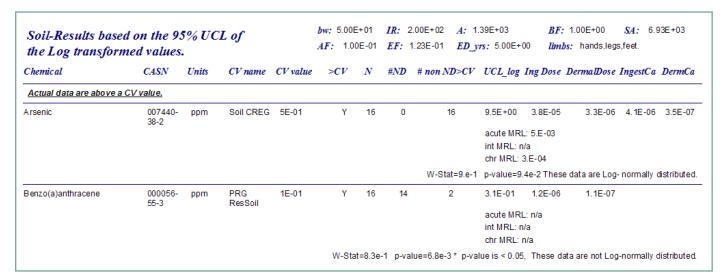


### **ATSDR Brownfields/Land Re-use Site Tool<sup>®</sup>**









#### To learn more about the ATSDR Site Tool:

To learn more contact Laurel Berman, at (312) 886-7476, Leann Bing, at (404)-562-1784, or Gary Perlman at (617) 918-1492 or e-mail us at <a href="mailto:atsatr.landreuse@cdc.gov">atsatr.landreuse@cdc.gov</a>