

Appendix F: Examples of Past Community Involvement Activities

F.1 Training Classes Targeted to Specific Stakeholder Groups

F.2 Redevelopment Workshops

F.3 Fact Sheets

F.4 Assorted Advertisements

F.5 *Superfund and You* Columns

F.6 Redevelopment Brochure

F.7 Residential Relocation Information

F.8 Restoration Brochures

F.9 Exposure Reduction Brochure

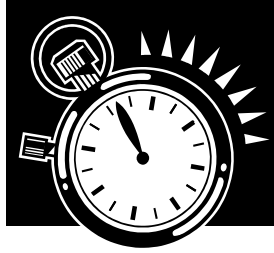
F.10 Assorted Other Written Materials

F.11 Advertisements for Public Meetings and Availability Sessions

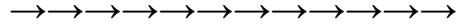
F.12 Materials for Environmental Resource Specialist Position

F.13 *Road to the ROD* advertisements

F.1 Training Classes Targeted to Specific Stakeholder Groups



Attn: Contractors and Tradesmen



**Please take the time, and join
EPA, MT DEQ, and Lincoln**

County in a workshop designed just for you.

ASBESTOS - Be Smart, Be Safe, Be Legal

**Attend *one of two*, 2-hour workshops on June 7
(Tuesday, 8:00 to 10:00 am *OR* 6:30 to 8:30 pm)**

**A follow-up question and answer session will be
held on Wednesday, June 8, from 6:30 to 8:30 pm**

All sessions held at the Libby VFW



EPA Superfund Basics Workshop



Wednesday, September 14, 2005

VFW, 108 W. 2nd, Libby, MT

9:30 am to 2:30 pm

In this interactive workshop, you'll find out how EPA investigates polluted sites and what it takes for them to become Superfund sites. You'll learn how cleanup plans are developed and how EPA chooses the best option, as well as what happens after the cleanup is finished. The workshop will clarify the roles of federal, state, and local governments, as well as how community organizations and people like you can make your voices heard.

The workshop is designed for everyone who wants to learn the *basics* about the Superfund program. Libby Asbestos Site specific topics will be presented the following day at the Technical Workshop.

This free workshop is being presented by EPA for the Libby community. You may attend all or part of the workshop. For more information, or for an agenda, call the EPA Information Center in Libby at 293-6194. *Reservations are not necessary, but are appreciated to help us with planning.*



EPA Technical Workshop

Thursday, September 15, 2005

VFW, 108 W. 2nd, Libby, MT

8:00 am to 4:30 pm

Are you interested in learning more about the specifics of EPA's work in Libby? Do you wonder how samples are analyzed, how human health risk management decisions are made, what the different roles are at the site, or what the next steps are in the cleanup? If so, EPA's one-day technical workshop may be just what you need.

The technical workshop includes nine short sessions of 20 to 45 minutes each:

- | | |
|---|--------------------------------|
| ▪ Overview of the Libby Project | ▪ Risk Management in Libby |
| ▪ Introduction to Risk Assessment | ▪ Roles of EPA, Volpe, and CDM |
| ▪ Introduction to Analytical Methods and Performance Evaluation | ▪ How Does the Cleanup Work? |
| ▪ Risk Assessment Continued | ▪ Remedial Investigation |
| | ▪ Next Steps |

There will be several question and answer periods throughout the day.

This free workshop is being presented by EPA for the Libby community. You may attend all or part of the workshop. For more information, or for an agenda, call the EPA Information Center in Libby at 293-6194. *Reservations are not necessary, but are appreciated to help us with planning.*

**Denver Technical Workshop in Libby
September 15th**

8:00 am	Introductions, Overview of Day	<i>(Churchill, Thomi)</i>
8:15 am	Brief History and Overview of Cleanup in Libby Current Cleanup in Libby, Future Steps, Role of the Community in the Libby Cleanup Process	<i>(Churchill)</i>
8:45 am	Health Effects and Issues	<i>(Dr. Black)</i>
9:15 am	Risk Assessment Session Understanding the Concepts of Risk Assessment vs. Risk Management, Dose, Concentration, Exposure and Toxicity Current State of Asbestos Risk Assessment How Does This Relate to Risk Assessment in Libby? Connection to Analytical Methods	<i>(Brattin)</i>
10:15	Discussion and Q and A	<i>(Thomi)</i>
10:30	Break	
10:45 am	Introduction to Analytical Methods/Performance Evaluation Study How is Asbestos Measured?	<i>(Goldade)</i>
11:45	Discussion Q and A	<i>(Thomi)</i>
12:00	Lunch	
1:00	Risk Management in Libby Action Memos, Action Level, Clearance Criteria, Emergency Response Remedial Investigation Answering the Remaining Questions	<i>(Churchill)</i>
2:00	Q and A	<i>(Thomi)</i>
2:15	Break	
2:30	Roles of EPA, CDM, Volpe, and MT DEQ What Do They Do?	<i>(Lammers, Churchill, LeCours)</i>
2:50	How Does the Cleanup Work?	<i>(McKenzie)</i>
3:15	Next Steps Proposed Plan, ROD, etc.	<i>(Churchill, Thomi)</i>
4:00	Discussion and Q and A	

DRAFT AGENDA
Introduction to Superfund: A Public Awareness Workshop
September 14, 2005
VFW, 108 W. 2nd, Libby, MT
9:30am to 2:30pm

Introduction and Opening Remarks		15 Minutes
Module I	Overview of Superfund	25 Minutes
Module II	Community Involvement	10 Minutes
	Exercise 1: Community Involvement	30 Minutes
Module III	Site Assessment	30 Minutes
	Exercise 2: Assessing Site Hazards	60 Minutes
Module IV	Remedy Selection	15 Minutes
	Exercise 3: Remedy Selection	60 Minutes
	Exercise 4: Proposed Plan Meeting	45 Minutes
Module V	Post-Remedy Selection	10 Minutes
Module VI	Workshop Summary	10 Minutes

ATTENTION CONTRACTORS

Don't Miss This Opportunity for FREE Training!!!!

EPA and the Lincoln County Campus of the Flathead Valley Community College (FVCC) are offering local contractors an opportunity to get the training needed to become *certified* in the area of asbestos inspections and cleanups.

We are offering two **FREE** classes:

- **24-hour Asbestos Inspector:**
February 22 through 24, 2006; 8am to 5pm
- **40-hour Asbestos Contractor/Supervisor:**
February 27 through March 3, 2006; 8am to 5pm

Enrollment is limited to 20 students per class.
Registration is on a "first come, first served" basis.

**To register, call the Lincoln County
Campus of the FVCC (293-2721 ext. 235)**

*The training will be held in Libby at the
Lincoln County Campus
225 Commerce Way*

ATTENTION CONTRACTORS



Don't Miss This Opportunity for **FREE Training!!!!**

EPA and the Lincoln County Campus of the Flathead Valley Community College (FVCC) are offering local contractors an opportunity to get the training needed to become *certified* in the area of asbestos inspections and cleanups.

We are offering four **FREE** classes:

- **40-hour Asbestos Contractor/Supervisor – February 5 to 9, 2007**
- **40-hour HAZWOPER Worker – February 12 to 16, 2007**
- **8-hour Asbestos Contractor/Supervisor refresher – February 19, 2007**
- **8-hour Asbestos HAZWOPER refresher – February 20, 2007**

**To register, call the Lincoln
County Campus of the
FVCC (293-2721 ext. 235)**

*Training will be held on campus at
225 Commerce Way, Libby*

**Call
NOW!!**

**Only 20
students
per class**

ATTENTION CONTRACTORS



**Don't Miss This
Opportunity for
FREE Training!!!!**

EPA and the Lincoln County Campus of the Flathead Valley Community College (FVCC) are offering local contractors an opportunity to get the training needed to become *certified* in the area of **asbestos inspections and cleanups**.

We are offering four **FREE** classes in 2008:

- **8-hr Asbestos Contractor/Supervisor *refresher*** (Feb 21)
- **8-hr Asbestos HAZWOPER *refresher*** (Feb 22)
- **40-hr HAZWOPER Worker** (Feb 25 to 29)
- **40-hr Asbestos Contractor/Supervisor** (Mar 3 to 7)

**To register, call the
Lincoln County Campus
of the FVCC
(293-2721 ext. 235)**

**Call
NOW!
Only 20
students
per class!!**

*Training will be held in Libby at the Lincoln County
Campus, 225 Commerce Way*

ATTENTION CONTRACTORS



**Don't Miss This
Opportunity for
FREE Training!!!!**

EPA and the Lincoln County Campus of the Flathead Valley Community College (FVCC) are offering local contractors an opportunity to get free work place training focused on what to do if you encounter vermiculite or Libby asbestos.

We are offering four classes:

- 40-hr HAZWOPER Worker (February 10 to 13)
- 8-hr Contractor/Supervisor *refresher* (March 11)
- 8-hr HAZWOPER *refresher* (March 12)
- 40-hr Contractor/Supervisor (March 17 to 20)

**To register, call the
Lincoln County Campus
of the FVCC
(293-2721 ext. 235)**

**Call
NOW!**

**Only 20
students per
class!!**

***Training will be held in Libby at the Lincoln County
Campus, 225 Commerce Way***

F.2 Redevelopment Workshops



Dream It. Do It!

Economic Revitalization Workshop for South Lincoln County April 24, 25, and 26, 2003

The public is invited to attend a workshop designed to provide economic development leaders in South Lincoln County with an opportunity to meet with individuals, agencies, and organizations that can assist in implementing an economic revitalization action plan for the communities.

The workshop will consist of a series of "hands-on" working sessions, rather than speaker presentations. Attendees will hear the "experts" from inside and outside the communities discussing the difficult issues and next steps on a variety of projects to benefit the whole community.

- **April 24 – Welcoming reception**, *Memorial Center*, 7 pm to 9 pm
- **April 25 – Workshop sessions and presentations**,
 - *Memorial Center* (7:30 am to 10:00 am)
 - *Lincoln Co. Campus/Flathead Valley Community College*, 10:30 am to 5:15 pm
 - *VFW* (working lunch, 12:00 pm to 1:15 pm, and a mixer, 5:45 pm to 7:00 pm)
- **April 26 – Workshop sessions and presentations**, *LCC/FVCC*, 8 am to 1 pm

Featured speakers include: **U.S. Senator Conrad Burns, U.S. Representative Dennis Rehberg, Governor Judy Martz, and Roger Brooks of Destination Development.**

**For more information on the reception, workshop agenda, and speakers,
call the EPA Information Center at 293-6194.**

Brought to you by the Healthy Communities Task Force, with sponsorship from the U.S. EPA

DREAM IT. DO IT!

South Lincoln County Revitalization Workshop Agenda

April 24, 25, & 26, 2003

Objectives

- Facilitate partnerships among local, state, federal, and private agencies with economic revitalization interest, expertise and/or funds in order to make economic development efforts successful in South Lincoln County;
- Develop an Implementation Strategy (work plan) for as many of the Healthy Community Initiatives as possible. The work plan would include assignment of names, tasks, timetables to priorities, and would list potential funding sources (programs and individual contacts) for each action item.
- Distribute Implementation action plans to all participants after the conference.
- Schedule future follow-up sessions to evaluate progress and needs.



Healthy Community Initiative Mission

"To provide healthy economic, social, and environmental systems while enhancing future generation's ability to maintain and enhance the heritage, custom and culture of the area."

Thursday - April 24

Libby Memorial Center

7:00 Evening welcoming reception - Includes remarks by U.S. Senator Conrad Burns

Friday - April 25

Libby Memorial Center

7:30 Registration and badge pickup

8:00 Welcome and workshop overview

Includes a presentation of the Healthy Community "Vision and Plan" for the revitalization of South Lincoln County and a discussion of the workshop format.

8:30 Opening remarks - U.S. Senator Conrad Burns

8:50 Motivational speaker – Roger Brooks, "The 25 Immutable Rules"

This presentation is an interactive multimedia workshop, which includes dozens of examples, case histories, lots of humor, and bottom-line suggestions regarding signage, wayfinding, marketing, beautification, attractions, museums, local activities, and what it takes to convince visitors to spend money in your community. Roger Brooks is a founding member of the award-winning Destination Development team and is one of the country's most respected authorities on the subject of tourism marketing and development (see attached bio).

10:00 Discussion of breakout session and expectations for participants

Travel to Community College

Lincoln County Campus of Flathead Community College

10:30 Breakout sessions

- Local Transportation Issues
- Education and Training
- Aquatic Center

11:45 Break

VFW Post

12:00 Lunch speaker – U.S. Representative Dennis Rehberg (Pre-registration required)

Lincoln County Campus of Flathead Community College

1:30 Breakout sessions

- Telecommunications Infrastructure
- Bike and Walking Paths
- Asbestos Research Center

3:30 Break

3:45 Breakout sessions

- ATV Jamboree
- Environmental Issues for Redevelopment in South Lincoln County
- Parks and Aesthetics

VFW Post

5:45 Cocktail hour (cash bar)

Dream It. Do It! workshop agenda

Saturday - April 26

Lincoln County Campus of Flathead Community College

8:00 *Check in/congregate*

8:15 *Opening remarks - Montana Governor Judy Martz*

8:45 *Marketing the South Lincoln County Area and Roger Brooks Recap*

10:30 *Break*

10:45 *Breakout sessions*

- Natural Resources & Cultural Heritage
- Downtown Revitalization

12:15 *General session to share highlights and identify champions of specific projects*

1:15 *Adjourn*

Description of Individual Breakout Sessions

Friday, April 25, 9:30 Breakout Sessions

Local Transportation Issues

- **Long-Term Area Goal** – Provide the transportation infrastructure needed to attract industry and tourism to South Lincoln County. This includes speeding up the completion of necessary improvements to Montana State Highway 2 (now pushed back to 2005 or 2007); upgrading Pipe Creek road, a Federal Forest Highway that is a vital link between Libby and the Yaak; and obtaining the appropriate foul-weather landing systems for the local airport.
- **Workshop Goal**: Discuss these issues with the appropriate decision makers from the agencies and companies responsible (Montana Department of Transportation, U.S. Forest Service, and the FAA) to forge partnerships and develop specific steps for achieving the long-term goals.
- **Proposed Participants**. Decision makers from government agencies and private companies, consultants, interested community members, and members of the Healthy Communities Task Force.
- **Identified Participants**:
 - Dave Galt, Director Montana Department of Transportation (MDT)
 - Jim Currie, Deputy Director, MDT
 - Loren Frazier, District Administrator, MDT
 - Fred Bower, U.S. Forest Service
 - Rita Windom, Lincoln County Commissioner
 - Tim Orthmeyer, Morrison Maierle
 - Megan Morris, Senator Burn's office
 - Rick Palagi, CEO, St. John's Lutheran Hospital
 - Marianne Roose, Lincoln County Commissioner
 - Kerry Beasley, St. John's Lutheran Hospital Board Chair

Education and Training

- **Long-term Area Goal**: Continue improving the vocational and community college programs to meet the educational needs of Lincoln County residents, as well as the "recreational entertainment" needs of visitors.
- **Workshop Goal**: Create a baseline of community understanding about current programs and plans for future programs; obtain feedback from the community about educational needs. Reinforce need for improved high-speed data transfer capabilities and affordability.
- **Proposed Participants**: Community college staff and board, job training professionals, and interested community members.
- **Identified Participants**:
 - Sandy Wagner, Lincoln County Campus of Flathead Valley Community College (LCC/FVCC)
 - Dr. Jane Karas, President, Flathead Valley Community College (FVCC)
 - John Engebretson, FVCC Board of Trustee
 - Johnette Watkins, TAA/WIA Program Operator, Kootenai Job Service
 - Megan Morris, Field Representative, Senator Burn's Office
 - Eileen Carney, State Representative
 - Dorothy Hintz, Director of Instruction and Student Services, LCC/FVCC

- Ruth Ackroyd, Director of College Relations, FVCC
- George Gerard, Development & Community Relations, LCC-FVCC
- Jackie Hare, DNS, St. John's Lutheran Hospital
- Keli McQuiston, Representative Rehberg's Office

Aquatic Center

- **Long-term Area Goal:** Constructing and maintaining an Aquatic Center for Lincoln County. The center would meet needs for many sectors of the community including: the city, general public, medical, health and fitness, seniors, education, recreation, and tourism.
- **Workshop Goal:** Participants share information about their needs with regard to the aquatic center, and what support and financial commitments they may be able to provide. Steps to overcome obstacles will be elaborated and responsible parties assigned to carry on the work.
- **Proposed Participants:** Diverse members of the community who would benefit from the center; community members with needs that the center could meet, community members with knowledge of the history of past efforts to get the aquatic center built, community members who are able to make commitments, and congressional delegation staff.
- **Identified Participants**
 - Helen Clarke, Project Coordinator, UM Rural Health Outreach Grant
 - Kirby Maki, Superintendent, Libby School District
 - Dan Thede, Supervisor of City Services, City of Libby
 - Frank Votapka, Parks Committee
 - Gene Chappel, Parks Committee
 - Bonnie Morrow, MT Athletic Club
 - Mick Shea, Project Manager, Army Corps of Engineers
 - Rebecca Manna, Senator Baucus' Office
 - Sandra Johnson, City of Troy
 - Paul Rumelhart, Libby Chamber of Commerce
 - Chris Noble, Noble Excavating
 - Laurie or Neal Sullivan, Granite Concrete
 - Ron Wiens, CFO, St. John's Lutheran Hospital
 - Tanis Lincoln, Clinical Social Worker, CORA

Friday, April 25, 1:30 Breakout Sessions

Telecommunications Infrastructure

- **Long-term Area Goal:** Improve telecommunications access in terms of affordability, redundancy, improved routing, and less downtime.
- **Workshop Goal:** Get accurate, up-to-date information from telecommunications companies about their ability to meet these goals, as well as costs and barriers that exist, so that the community can take appropriate next steps.
- **Proposed Participants:** Members of the community who need improved telecommunications infrastructure, community members with experience and knowledge in the field, executives of telecommunications companies with authority to make commitments and decisions, and congressional delegation staff.
- **Identified Participants:**
 - Jeanie Gentry, Director of Support Services, St. John's Lutheran Hospital
 - Bill Bischoff, Executive Assistant, Lincoln County

- Megan Morris, Field Representative, Senator Burn's Office
- Earl Messick, Board Member, Flathead Electric
- Randy Wilson, General Manager, Interbel
- Bob Rowe, Public Service Commission
- Teresa Holman, Account Manager, CenturyTel
- Jeremy Ferkin, General Manager, CenturyTel
- Kathy Duff, General Manager, MAIN
- Rita Windom, Lincoln County Commissioner
- George Gerard, LCC-FVCC
- Ed Winkler, General Manager, Frontier Communications
- Ralph McKenzie, Frontier Communications
- Stan Kargol, Telecom Task Force Member
- Barbara Kargol, Telecom Task Force Member
- Ryan Stephens, IS Manager, St. John's Lutheran Hospital
- Russ Barnes, Lincoln County Economic Development Council
- Sandy Wagner, LCC-FVCC
- Lance Tade, Regulatory Manager, Frontier Communications
- Paul Curtis, Regional Sales Manager, Frontier Communications
- Richard Heitman, General Manager, Flathead Electric
- Jon Reny, LCC-FVCC
- Candy Deruchia, Kalispell Regional Medical Center

Bike and Walking Paths

- **Long-term Goal:** Connect communities by way of travel corridors within the Kootenai Forest.
- **Workshop Goal:** Discuss forest-wide trail system, including developing or improving the connection of existing travel corridors.
- **Proposed Participants:** U.S. government representatives from the National Park Service and Forest Service; Montana government representatives from the Montana Department of Transportation and Montana Fish, Wildlife and Parks; representatives from the Confederated Salish and Kootenai Tribe; and local government officials.
- **Identified Participants:**
 - Gary Weiner, National Park Service
 - Ed Monnig, Acting PAO, US Forest Service (USFS)
 - Bob Casteneda, Supervisor, Kootenai National Forest, USFS
 - Bill Fansler, Recreational Director, USFS
 - Mike Balboni, Three Rivers District Ranger, USFS
 - Malcom Edwards, Canoe Gulch District Ranger, USFS
 - Thomas Martin, Montana Department of Transportation, CTEP
 - Lorraine Caye, Confederated Salish and Kootenai Tribes representative
 - Bob and Vicki Munson, Kootenai River Network
 - John Konzen, Lincoln County Commissioner
 - Walt Timmerman, Trails Program Coordinator, MT Fish Wildlife and Parks
 - Victor Ketellapper, US EPA
 - Sandra Johnson, City of Troy
 - Mark White, USFS
 - Marianne Roose, Lincoln County Commissioner
 - Ron Wiens, CFO, St. John's Lutheran Hospital

Asbestos Research Center

- **Long-term Goals:** Build a state of the art clinical research facility in Lincoln County that takes advantage of the "critical mass" of affected individuals in the area, to perform cutting edge

Dream It. Do It! workshop agenda

research on therapies, pharmaceuticals, and disease pathology related to pulmonary diseases and other asbestos-related diseases.

- **Workshop Goals:** Create a baseline of community knowledge about clinical research facilities in general. Determine what it would take to create such a facility in general, potential sources of funding, and costs and potential barriers.
- **Proposed Participants:** Members of the Lincoln County medical community, representatives of individuals with asbestos-related disease, professionals currently involved in clinical research facilities, and state and national medical professionals.
- **Identified Participants**
 - Rick Palagi, CEO, St. Johns Lutheran Hospital
 - Dr. Marshall Bloom, Director, Rocky Mountain Labs
 - Dr. Brad Black, Director, CARD Clinic
 - Dr. Howard Knapp, Deaconess Billings Clinic Research Division
 - Dr. Aubrey Miller, U.S. EPA
 - Dan Larson
 - Megan Morris, Senator Burn's Office
 - Keli McQuiston, Representative Rehberg's Office
 - Pat Cohan, CARD Clinic
 - Rebecca Manna, Senator Baucus' Office
 - Kerry Beasley, St. John's Lutheran Hospital Board Chair
 - Russell Barnes, Healthy Communities Task Force
 - KC Hoyer, Executive Director, SJLH Foundation
 - Tanis Lincoln, Clinical Social Worker, CORA
 - Helen Clarke, Project Coordinator, UM Rural Health Outreach Grant
 - Gayla Benefield, Board member, CARD Clinic
 - Leroy Thom, Board member, CARD Clinic

Friday, April 25, 3:45 Breakout Sessions

ATV Jamboree

- **Long-term Goals:** Increase the profile of the South Lincoln County Area as a destination for recreational events.
- **Workshop Goal:** Discuss options, requirements, resources, and obstacles for developing an "ATV Festival/ Jamboree" in South Lincoln County and formulate and implementation plan. Pursue an Off-Highway Vehicle Grant available from Montana Fish, Wildlife, and Parks for 2005 grant cycle. Address issues relating to a jamboree, such as: ATV clubs or associations in the general area that may support a festival, land/trails that could be used/set aside for ATV riding, legal/other impediments for these land/trails, grants or other sources of funding, festival marketing, success of other festivals, competition with other festivals, and income generated by jamboree.
- **Proposed Participants:** Representatives from the agencies involved in granting permits for such activities, outdoor and ATV enthusiasts, local merchants, city officials, and the interested public.
- **Identified Participants:**
 - David Freidman, Plum Creek, Inc.
 - Malcom Edwards, USFS District Office
 - Bob Castenada, Forest Supervisor, USFS
 - Paul Rumelhart, Libby Chamber of Commerce
 - Jim Christiansen, RPM, US EPA

- Max Reid, Public Service Staff, Fishlake National Forest, USFS
- Peggi Harris, Secretary, Wallace Idaho ATV Jamboree
- Art Harris, President, Wallace Idaho ATV Jamboree

Environmental Issues for Redevelopment in South Lincoln County and the Stimson Property

- **Long-term Goals:** Increase interest in the development of property in South Lincoln County, both large and small, by addressing concerns related to asbestos contamination, and providing area residents with the information they need to continue spreading the word that Libby is a safe place to live.
- **Workshop Goal:** Inform the public on Superfund liability. Discuss how that liability affects prospective purchasers of property and what EPA can do to help allay those concerns and do investigation/cleanup. Jim Christiansen, EPA's Remedial Project Manager for the Libby Superfund Site will do a presentation and answer questions from the audience. A representative of the Montana Department of Environmental Quality will also discuss general air quality concern/discharge issues regarding development at Stimson or elsewhere in South Lincoln County. Unlike the other sessions, the format of this session is that of a presentation.
- **Proposed Participants:** Individuals interested in development of real estate in the South Lincoln County Area, realtors, bankers, and other interested members of the public.

Parks and Aesthetics

- **Long-term Area Goal:** Improve the appearance of the approach to Libby so it is more attractive to visitors. Upgrade facilities at J. Neils Park in order to attract more events and recreational opportunities.
- **Workshop Goal:** Learn about possible funding mechanisms to achieve these goals and dialog with individuals from other communities that have participated in similar activities.
- **Proposed Participants:** City and county officials, state and federal agency representatives and private organizations that might have funding available, and individuals from other communities with experience and knowledge to share.
- **Identified Participants:**
 - Marty Watkins, Director of Region 1, MT FWP
 - Walt Timmerman, Recreation Bureau Chief, MT FWP
 - Loren Frazier, District Administrator, MDT
 - Richard Knatterud, CTEP Program, MDT
 - Rita Windom, Lincoln County Commissioner
 - John Brown, Mayor, City of Troy

Saturday, April 26, 8:30 General Sessions

Marketing/Advertising/Downtown Redevelopment

The goal of the planners in South Lincoln County is to develop an effective strategy to market the natural, cultural and unique assets of the area by learning from other rural communities of similar size in similar situations with successful marketing plans. Roger Brooks from Destination Development will lead a general session to strategize various issues, such as how to market the South Lincoln County Area, what to market the area for (recreation, real estate, retirement), how to get past the asbestos issue, etc. This will be an interactive session with examples of other successful campaigns; common mistakes; things good efforts have in common.

***Dream It. Do It!** workshop agenda*

Saturday, April 26, 10:30 Breakout Sessions

Downtown Revitalization

- **Long-term Area Goal:** Enhance and improve the appearance of downtown to increase its vitality and economic stability.
- **Workshop Goal:** Create a baseline of community understanding about the goals and objectives of downtown revitalization and bring individuals to the workshop who might have information about, and access to, potential matching funds for these efforts.
- **Proposed Participants:** Community members active in downtown revitalization efforts; representatives of potential funding agencies.
- **Identified Participants:**
 - Tim Peterson, LPW Architects
 - Tim Ryan, Montana Director, U.S. Department of Agriculture
 - Keli McQuiston, Representative Rehberg's Office
 - Mike Frasier, TDH Kalispell
 - Betty Jo Wood, Libby Revitalization Inc.
 - Paul Rumelhart, Libby Chamber of Commerce
 - Victor Ketallapper, US EPA
 - Sandra Johnson, City of Troy
 - Kerry Beasley, St. John's Lutheran Hospital Board Chair
 - John Brown, Mayor, City of Troy

Natural Resources and Cultural Heritage

- **Long-Term Area Goals:** Advertise and promote the natural and cultural assets of South Lincoln County to enhance tourism and economic development.
- **Workshop Goals:** Create a partnership with our Canadian counterparts in developing a "David Thompson" and "fur-trading" theme for the area. Begin the process of developing a cultural map and historic and cultural image of the community.
- **Proposed Participants:** Local government officials, chamber of commerce representatives, representatives of Parks Canada.
- **Identified Participants:**
 - Ross MacDonald, Communications Officer, Kootenai National Park, Parks Canada
 - Paul Rumelhart, Libby Chamber of Commerce
 - Victor Ketallapper, US EPA
 - Tony Berget, Mayor, City of Libby
 - John Brown, Mayor, City of Troy
 - Rick Palagi, CEO, St. John's Lutheran Hospital
 - Greg Larson, Northwest Regional RC&D

Biography for Roger Brooks

Destination Development

A very popular public speaker, Roger's enthusiasm for the tourism industry is contagious. His bottom line approach has resulted in hugely successful projects and his knowledge of the industry includes dozens of case histories and interesting stories chock full of how-they-did-it examples.

Roger's no-holds-barred, tell it like it is style, has energized communities and he's well known for his step-by-step instructions in helping communities make something happen, leading to successful tourism industries.

Over the years Roger has assisted major destination resorts and communities throughout the U.S. and Canada in developing themes, creating branding and repositioning programs, and has recruited more than \$2.8 billion in new construction projects to rural communities and resorts.

He also has a wealth of experience in marketing, advertising and public relations and has developed a series of marketing workshops, which are highly regarded and extremely popular.

His resort experience includes heralded destinations including Whistler Resort, British Columbia; Harbour Town on Hilton Head Island, S.C.; Sunriver Resort in Central Oregon; Copper Mountain Resort, CO; and Ocean Shores, WA.

Roger's first love is for the rural communities around the U.S., Canada, and the Caribbean and over the years he has assisted more than 160 communities, as well as numerous states/provinces, counties, port districts, and tourism organizations.

Roger is a native of Washington State, growing up in the beautiful San Juan Islands, and attending school at Central Washington University.

He spends approximately three out of four weeks a month on the road, but enjoys every minute back home where his assistant Becky Durkin keeps him on track and in the office.

Dream it. Do it! 2006

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August 14 and 15

8 am to 5 pm

*The Memorial Center
111 E. Lincoln Blvd, Libby*

Featured speakers include:

**U.S. Senator
Conrad Burns**

*and nationally-known
speaker,*

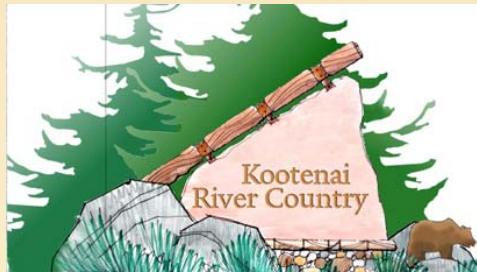
Leslie Parks.

*For a brochure, detailed
agenda, and registration
information, call the*

**EPA Info Center
(406) 293-6194**

*The workshop is free, but
registration is required so we
can plan adequately.*

***Join local development
leaders in a dynamic
workshop with
individuals, State and
Federal agencies, and
organizations that can
help with revitalization of
our area.***



Participants include:

US Small Business Administration
US Environmental Protection Agency
US Department of Agriculture
US Economic Development Admin.
US Dept. of Housing & Urban Devel.
MT Office of Economic Development
MT Department of Commerce
MT Department of Env. Quality
City and County Governments

*Help us celebrate our
successes and
participate in hands-on
planning for the future!*

Dream it. Do it!

2006

*Join local development
leaders in a dynamic
workshop with individuals,
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agencies, and
organizations that can help
us revitalize our area.*

August 14 and 15, 2006

8 am to 5 pm

*The Memorial Center
111 E. Lincoln Blvd, Libby*

*For a brochure, detailed agenda, and
registration information, call the*

**EPA Information Center
(406) 293-6194**



*The workshop is free,
but registration is
required so we can plan
adequately.*

***Help us celebrate our successes and join in
hands-on planning for the future!***

Dream it. Do it! 2006

August 14 and 15, 2006 - Libby, MT

Participants List*

Federal Government

Conrad Burns, *US Senator for Montana, Washington D.C.*

Department of Agriculture (USDA)

Tim Ryan, *MT Director, Rural Development, Bozeman*

Economic Development Admin. (EDA)

John Rogers, *Regional Representative, Helena*

Environmental Protection Agency (EPA)

Max Dodson, *Asst. Regional Administrator, Denver*

Kathie Atencio, *Superfund Mgr., Denver*

John Wardell, *Director, MT Office, Helena*

Paul Peronard, *OSC/RPM, Denver*

Jim Konz, *Env. Scientist, Washington, D.C.*

Charles Sands, *Env. Scientist, Washington, D.C.*

Stephanie Wallace, *Env. Scientist, Helena*

Dept. of Housing & Urban Development (HUD)

John Carson, *Director, Region 8, Denver*

Larry Gallagher, *Helena*

Forest Service, Kootenai Nat. Forest (USFS)

Paul Bradford, *Forest Supervisor, Libby*

Dave Atkins, *Woody Biomass Util. Mgr., Libby*

John Carlson, *Staff Officer, Libby*

Malcolm Edwards, *District Ranger, Libby*

Small Business Administration (SBA)

Michelle Johnston, *MT District Director, Helena*

John Donovan, *Lender Relations Specialist, Helena*

State Government

Aubyn Curtiss, *Senator, Senate Dist. 1, Fortine*

Ralph Heinert, *Representative, House Dist. 1, Libby*

Office of the Governor

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Jon Thompson, *Assistant, Helena*

Department of Commerce

Charlie Wright, *Regional Dev. Officer, Missoula*

Department of Environmental Quality

Tom Ellerhoff, *Administrative Officer, Helena*

Department of Labor

Billie Schmalz, *Business Advocate, Job Service, Thompson Falls*

Virginia Sloan, *Business Advocate, Flathead Job Service Workforce Center, Kalispell*

Lincoln County Government

John Konzen, *Commissioner, Troy*

Marianne Roose, *Commissioner, Eureka*

Rita Windom, *Commissioner, Libby*

Carl Leggins, *President, Planning Board, Libby*

Frank LaSala, *Planning Board, Libby*

City Government

City of Eureka

Dave Newburn, *Mayor*

Rachel Duram, *Councilperson*

Ethel White, *Councilperson*

City of Libby

Tony Berget, *Mayor*

Charlene Leckrone, *President, City Council*

Bill Bishoff, *City Council Member*

Tanya Gehrke, *City Clerk/Treasurer*

Dan Thede, *Supervisor of City Services*

City of Troy

Sandra Johnson, *City Clerk/Treasurer*

Katie Randall

Local Representatives

Economic Development Groups

Lad Barney, *Dir., Small Bus. Dev. Center, Kalispell*

Dave Harmon, *Econ. Development, KRDC, Libby*

Greg Larson, *KRDC/Troy Rep., Troy*

Bert Lever, *Tobacco Valley Community*

Development Council, Eureka

Paul Rumelhart, *Exec. Director, KRDC, Libby*

Fred Sturgess, *Board Member, Kootenai Forest*

Stakeholders Coalition

Betty Jo Wood, *Admin., Libby Revitalization Inc., Libby*

Education

Helen Andries, *On-Site Proj. Mgr., Univ. of MT, Troy*

Jeff Gruber, *Teacher, Libby High School, Libby*

Kirby Maki, *Superintendent of Libby Schools, Libby*

Pat Pezzelle, *Director-LCC, Flathead Valley*

Community College, Libby

Kootenai Business Park Industrial District Board

Russ Barnes, *Libby*

Darren Coldwell, *Troy*

Ardell Filler, *Libby*

*Registered participants as of August 11, 2006

Jackson Garrison, *Site Manager, Libby*
Dan Larson, *Libby*
Jim Mayo, *Troy*

Chambers of Commerce

Bobbie Nelson, *Board Member, Libby*
Louise Rice, *Executive Director, Libby*
Dahlia Smith, *Board of Directors, Libby*
Randy McIntyre, *Executive Director, Eureka*

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Robin Skaggs, *Director of Admissions, LCC, Libby*

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Ted Mehr, *VP, First National Bank, Libby*
Walter Skaggs, *Real Estate Appraiser, Libby*
Gary Spencer, *Branch Mgr., Glacier Bank, Libby*

Businesses

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Jack Backen, *MT Machine & Fabrication, Libby*
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Linda Gerard, *Manager, Venture Inn, Libby*
Steve Horowitz, *Workplace Inc., Libby*
Russ Hudson, *8250 FM radio, Libby*
Judy Kirby, *BJCC Inspections, Trego, MT*
Bruce Kirby, *BJCC Inspections, Trego, MT*
Bonnie Kittleson, *Larson Lumber, Troy*
Amy Siefke, *Coordinator, Workplace Inc., Kalispell*
Mark Waatti, *Engineer, Schwarz Eng., Kalispell*
Dwayne Williams, *KLCB-KTNY Radio, Libby*
Peggy Williams, *KLCB-KTNY Radio, Libby*
Charlotte Woods, *Owner, CW Eng. Products, Libby*
Chuck Woods, *Owner, CW Engineered Products*

Participants at Large

Todd Capser, *State Director, Sen. Burns, Billings*
John Desch, *Local Director of Op., Flathead Elec. Co-Op, Libby*
Windy Gidley, *Asst., NW Regional RC&D, Libby*
Matt Jones, *Field Director, Sen. Baucus, Missoula*
Robin King, *Exec. Dir., Yaak Valley Forest Council, Troy*
Rich Lane, *Owner, Rich Lane & Assoc., Missoula*
Jim Mari, *Resident, Libby*
Laurie Mari, *Resident, Libby*
Les Nelson, *Reverend, Christ Lutheran Church, Libby*
Jodi Peters, *Burns Legislative Asst., Washington DC*
Craig Rawlings, *MT Community Devel. Corp, Missoula*

Workshop Organizers

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Peggy Churchill, *RPM, EPA, Denver*
Debi Davidson, *Admin. Assistant, KRDC, Libby*
Karen Ekstrom, *CDM, Helena*
Mary Klinkam, *Director, Lincoln Co Planning, Libby*
Catherine LeCours, *Project Mgr., MDEQ, Helena,*
Jed Link, *Burns Field Rep., Washington, DC*
Ted Linnert, *CIC, EPA, Denver*
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Tracy McIntyre, *Program Admin., Eureka Rural Dev. Partners, Eureka*
Keli McQuiston, *Rehberg Field Rep., Missoula*
Linda Newstrom, *CDM, Libby,*
Denise Smith, *Burns Field Rep., Kalispell*
Johnette Watkins, *Bus. Advocate, Kootenai Job Service Workforce Center, Libby*

Keynote Speaker - Leslie Parks, *San Jose, CA*

Additional contact information on these individuals is available from the EPA Information Center in Libby, 501 Mineral Avenue, 406-293-6194

F.3 Fact Sheets



Annual Sampling and Cleanup Update

Libby Asbestos Superfund Site

EPA Information Center; 501 Mineral Avenue; Libby, MT 59923 - (406) 293-6194
DEQ Troy Information Center; 303 N. Third Street; Troy, MT 59935 - (406) 295-9238
Environmental Resource Specialist – (406) 291-5335

May 2008

Your ERS Answers the Call

Introduced in October 2006, the Environmental Resource Specialist (ERS) has now answered over 200 calls. The ERS position is intended to remain after EPA finishes its work in order to answer your questions should you encounter vermiculite on your property or in your home in the future.



The ERS can offer on-the-spot answers to your questions if you encounter vermiculite, which is likely to contain Libby Amphibole asbestos, when you're remodeling or doing yard work. It's also a good idea to consult with the ERS before you begin a project on your property. Contact the ERS during regular business hours and emergencies at 406-291-5335.

Operable Units

EPA divides its large Superfund sites into separate Operable Units or "OUs." This is done to make the project easier to manage since certain segments of the project are so different from the others. We are pleased to report that during this past year progress was made at all seven OUs.

OUs 1, 2, 5, & 6 – Processing Areas

Work on OU 1, the former Export Plant, included completing the final Data Summary Report, sampling and analysis of visible vermiculite in the soil, and design of an Activity Based Sampling program. In months to come, the Remedial Investigation and Feasibility Study needed to support a Proposed Plan and Record of Decision will be completed for OU 1. Next year, also look for a new city park on this property. At OU 2, the former Screening Plant and KDC Flyway/Bluffs, the final Data Summary Report and Data Gap Analysis were completed. OU 5 is the former Stimson Lumber Mill where the wood chip piles and soil were sampled this past year. Also Activity Based Sampling was completed in the old mill buildings.

Next year on OU 5, we plan on conducting Activity Based Sampling on the BMX track and other soils as well as supporting local development efforts. The final Data Summary Report for OU 6, the BNSF Railyard and Railway, was written this past year and sampling along the rail line will begin this summer.

OU 3 – The Mine

OU 3 also includes areas impacted by releases from the mine including Rainey Creek, Kootenai River, settling ponds, surrounding forest, and Rainey Creek Road. At this OU, EPA develops the work plans and cleanup objectives, and a contractor for W.R. Grace performs the work with direct EPA oversight. This past year, tree bark and soil at and around the mine were sampled and the results are now being analyzed. This season these data will be analyzed and the sampling program will be completed.

OU 4 – Libby Homes & Businesses

Through 2007, 954 residential and commercial properties have been cleaned up. This construction season, we plan on completing 144 larger and more complicated properties in Libby, as well as 6 residences in Troy that have very high exposure risks. Cleanups of Flower and Granite (and perhaps Callahan) Creeks will be also be completed this coming year. Our comprehensive Activity Based Sampling program in Libby will be completed shortly and the results will be analyzed over the summer.

OU 7 - Sampling Continues in Troy

Troy is OU 7 of the Libby Asbestos Superfund Site, and approximately 1,200 properties have been identified for sampling. Last year, 535 properties were inspected and sampled. The Troy Asbestos Property Evaluation (TAPE) effort should be completed this year by the Montana Department of Environmental Quality (MDEQ), the lead agency for OU 7. Visit the MDEQ Troy Information Center at 303 N. Third Street to obtain an access agreement ensuring that your property gets sampled.



2008 Annual Cleanup Update Inside

Libby Project Timeline – 2002 to 2008

<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>
<ul style="list-style-type: none"> • Most cleanup of WR Grace facilities, schools, and public areas completed • EPA announces decision to clean residential properties including vermiculite insulation • Libby added to Superfund list • 3000+ properties inspected and sampled during the CSS • 26 residential cleanups completed 	<ul style="list-style-type: none"> • 1200+ properties inspected or sampled • EPA publishes interim cleanup standards and protocols • 157 residential or commercial cleanups completed • City boat ramp cleanup completed 	<ul style="list-style-type: none"> • 170 residential or commercial cleanups completed • EPA announces it will include Troy in the cleanup • Cleanup of BNSF rail yard completed • Cleanup of Flyway property completed • New cleanup contract awarded 	<ul style="list-style-type: none"> • 225 residential or commercial cleanups completed • Special sampling to verify protectiveness of cleanup • Remedial Investigation and Feasibility Study underway • Begin initial coordination for 2006 Troy investigations 	<ul style="list-style-type: none"> • 216 residential or commercial cleanups completed • Remedial Investigation and Feasibility Study underway • Outdoor Ambient Air sampling program initiated 	<ul style="list-style-type: none"> • 160 large and complicated properties completed • Outdoor Ambient Air sampling program in progress • Activity Based Sampling program initiated • Toxicity Studies identified for Baseline Risk Assessment • ERS program initiated 	<ul style="list-style-type: none"> • 144 properties targeted in Libby, 6 in Troy • Activity Based Sampling to be completed • Toxicity Studies continue for Baseline Risk Assessment • Sampling in Troy will be wrapped up. • Investigations at all OUs continue.
2002	2003	2004	2005	2006	2007	2008

Questions? Please visit or call the EPA Information Center, at 501 Mineral Avenue in Libby (406-293-6194), or call the following EPA staff toll free:

- **Paul Peronard**, Libby Team Leader
1-800-227-8917 x6808

- **Mike Cirian**, On-Site Project Manager 406-293-6194

- **Ted Linnert**, Community Involvement Coordinator
1-800-227-8917 x6119



Annual Sampling and Cleanup Update

EPA Information Center; 501 Mineral Avenue; Libby, MT 59923 - (406) 293-6194
DEQ Troy Information Center; 303 N. Third Street; Troy, MT 59935 - (406) 295-9238
Environmental Resource Specialist – (406) 291-5335

April 2007

Operable Units

EPA divides its large Superfund sites into separate Operable Units or "OUs." This is done to make the project easier to manage, because certain segments of the project are so different from the others (e.g., residential vs. the mine), because of geographic separation (e.g., Troy vs. Libby), or because certain cleanup activities present such diverse challenges (e.g., processing areas vs. residential).

At the Libby Asbestos Superfund Site, EPA first concentrated on cleaning up businesses and residences in Libby because that's where the greatest concentration of people are and where the major sources of contamination were located – this is OU 4. We are pleased to report that this year work is continuing at the other Operable Units as well. We'll begin this annual update with a short report on our progress at OU 4 since that's where most of the past activity has been.

OU 4 – Residential & Commercial in Libby

EPA's progress in 2006 far exceeded our expectations, having cleaned up 216 properties (for a project total of 794). Our 2007 construction season kicked off April 2nd as planned. EPA has targeted 160 (larger and more complicated) properties for clean up in Libby this year. In addition, EPA will continue and expand the Outdoor Ambient Air Sampling Program that began last October as well as initiate a series of indoor and outdoor Activity Based Sampling programs.

OU 7 - Sampling Begins in Troy

Troy is Operable Unit 7 (OU7) of the Libby Asbestos Superfund Site. The Montana Department of Environmental Quality is the lead agency for OU 7 with Catherine LeCours serving as its Project Manager. Catherine has set up a new office in Troy at 303 N. Third Street, phone number: (406) 295-9238. Tetra-Tech, DEQ's contractor, will circulate Access Agreements and begin sampling in April.

OU 3 – The Mine

EPA plans to begin its screening-level evaluation of the vermiculite mine this season. Our goals at the mine site are to delineate the contamination, define any ambient releases or concentrations, assess the migration and transport of the contamination, and then reduce exposure pathways to acceptable levels.

OUs 1, 2, 5, & 6 – Processing Areas

OU 1 is the former Export Plant; OU 2 is the former Screening Plant, KDC Flyway/Bluffs, and associated areas; OU 5 is the former Stimson Lumber Mill; and the BNSF Railyard and Railway is OU 6. Our immediate goals at the Processing Areas include assessing previous work, deciding if additional work is needed, and considering future land use. This year we'll begin drafting the Remedial Investigation/ Feasibility Study, which will ultimately support a Record of Decision.

There's a New Guy in Town

There's a new service available to residents in the Troy and Libby areas: the Environmental Resource Specialist (ERS). Contact the ERS during regular business hours and emergencies at 406-291-5335.

The ERS can offer on-the-spot answers to your questions if you encounter vermiculite, which is likely to contain Libby

Amphibole Asbestos, when you're remodeling or doing yard work. It's also a good idea to consult with the ERS before you begin a project on your property. The ERS position is intended to remain after EPA finishes its work in order to answer your questions should you encounter vermiculite on your property or in your home in the future.





2007 Annual Cleanup Update Inside

Libby Project Timeline – 2002 to 2007

<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>
<ul style="list-style-type: none">• Most cleanup of WR Grace facilities, schools, and public areas completed• EPA announces decision to clean residential properties including vermiculite insulation• Libby added to Superfund list• 3000+ properties inspected and sampled during the CSS• 26 residential cleanups completed	<ul style="list-style-type: none">• 1200+ properties inspected or sampled• EPA publishes interim cleanup standards and protocols• 157 residential or commercial cleanups completed• City boat ramp cleanup completed	<ul style="list-style-type: none">• 170 residential or commercial cleanups completed• EPA announces it will include Troy in the cleanup• Cleanup of BNSF rail yard completed• Cleanup of Flyway property completed• New cleanup contract awarded	<ul style="list-style-type: none">• 225 residential or commercial cleanups completed• Special sample 170 residential or commercial cleanups completed• EPA announces it will include Troy in the cleanup• Cleanup of BNSF rail yard completed• Cleanup of Flyway property completed• New cleanup	<ul style="list-style-type: none">• 216 residential or commercial cleanups completed• Remedial Investigation and Feasibility Study underway• Outdoor Ambient Air sampling program initiated	<ul style="list-style-type: none">• 160 large and complicated properties targeted• Outdoor Ambient Air sampling program in progress• Activity Based Sampling program initiated• Toxicity Studies identified for Baseline Risk Assessment



Questions? Please visit or call the EPA Information Center, at 501 Mineral Avenue in Libby (406-293-6194), or call the following EPA staff toll free:

- | | |
|---|---|
| - | Mike Cirian , On-Site Project Manager 406-293-6194 |
| - | Ted Linnert , Community Involvement Coordinator 1-800-227-8917 x6119 |
| - | Paul Peronard , Libby Team Leader 1-800-227-8917 x6808 |



Annual Sampling and Cleanup Update

EPA Information Center

501 Mineral Avenue, Libby, MT 59923 (406) 293-6194

Fact Sheet Number 13

April 2006

Cleanup Update

EPA's progress in 2005 far exceeded our expectations, having cleaned up 225 properties (for a project total of 578). As EPA and its contractors become more experienced with the technologies we are using in Libby, the cleanup is becoming more cost-effective and efficient every year.

The Remedial Investigation and Feasibility Study

The next major project milestone is the completion of the Remedial Investigation (RI), which determines the nature and extent of Libby amphibole (LA) asbestos contamination and assesses the associated risks. It is EPA's goal to obtain a level of certainty that will ensure a reasonable decision on what the final cleanup strategy will be for Libby.

The RI began with the Contaminant Screening Study (CSS), which included an unprecedented 3,500 sampling events. After this data was interpreted, the CSS revealed some data gaps, which were addressed in the second phase of the RI. The RI report will present an analysis of all data collected at the Libby Asbestos Site. Along with the Baseline Risk Assessment (BRA), it will present estimates of risk to human health and the environment. It is also the basis for the analysis of cleanup alternatives that will be conducted in the Feasibility Study (FS).

The FS, a companion document to the RI, is a step-by-step process used to identify and evaluate cleanup *processes, technologies, and alternatives* at Superfund sites. It uses RI data to determine the need for (and scope of) clean up and presents an analysis of how risks identified in the RI can be reduced.

At Libby, the FS process is aided by the fact that so many cleanups have already been done, providing important, first-hand data for evaluation of future cleanup alternatives. Cleanup is not usually done at sites until after the RI/FS and Record of Decision (ROD) are issued. However, immediate health risks at

Libby warranted that cleanup begin while the RI/FS was being conducted.

This work was done as part of a *time critical removal action*. EPA chose to reduce risks immediately by removing major source areas of LA and by beginning residential and commercial cleanups as part of the removal action.

The next step in the FS is to develop a complete list of cleanup alternatives for evaluation. This is made easier in Libby because the technologies and process options for dealing with asbestos are fairly limited. There really are only a few things EPA can do to clean up Libby – most of which are related to physically removing or isolating the LA.

Another important component of the RI is a series of technical memos that document studies that EPA undertook to address data gaps in the scientific community's knowledge of Libby amphibole asbestos. In many instances, these studies have resulted in cutting-edge advances in the science of asbestos measurement and analysis.

EPA is committed to writing a "user-friendly" RI/FS that will promote a partnership with the community. These reports will help residents understand how cleanup decisions are made. EPA expects to complete the RI/FS later this year.

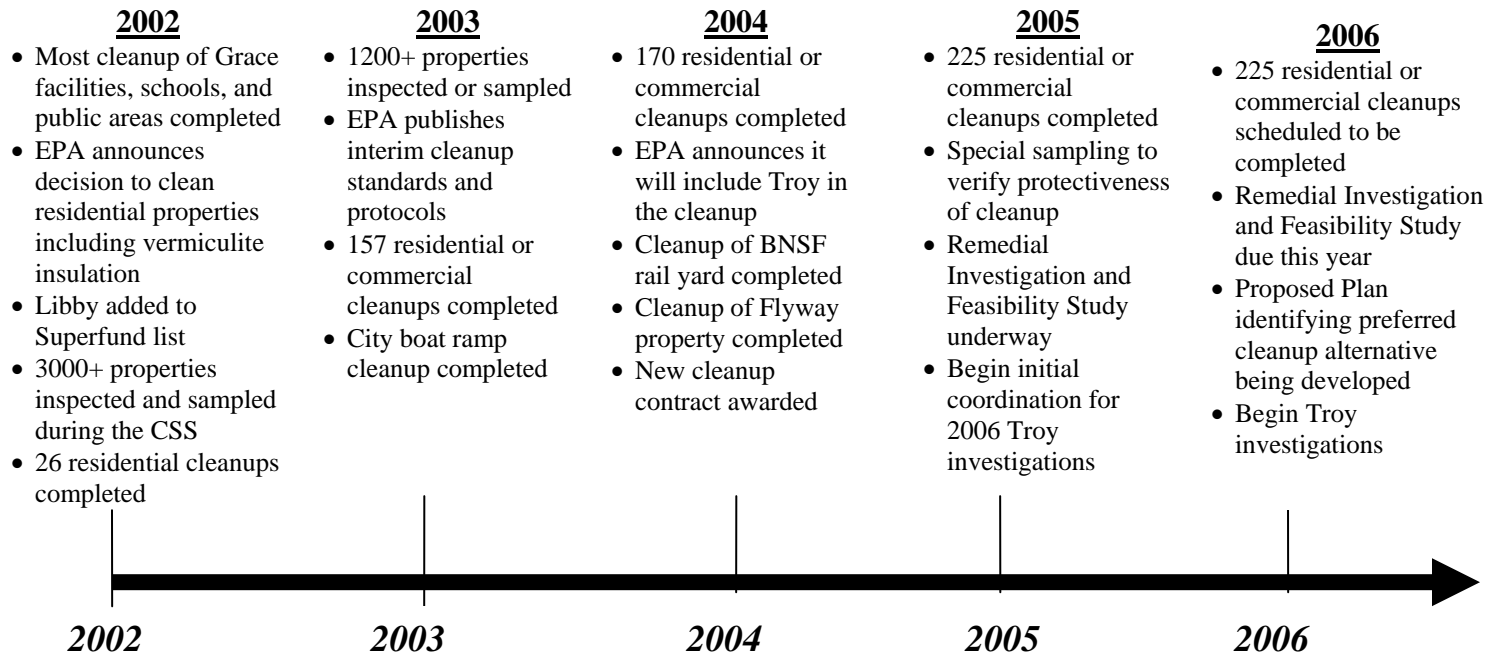
The Proposed Plan

The potential cleanup alternatives are then evaluated using specific FS criteria, such as protectiveness or effectiveness. Alternatives that pass this evaluation are then systematically compared against one another to determine relative strengths and weaknesses. This comparative analysis produces a *preferred alternative* for cleanup that is described in detail in the Proposed Plan, which will be available for public comment. The end result of the RI/FS process is a preferred alternative for cleanup in which EPA and the community can be confident.



2006 Annual Cleanup Update Inside

Libby Project Timeline – 2002 to 2006



Questions? Please visit or call the EPA Information Center, at 501 Mineral Avenue in Libby (406-293-6194), or call the following EPA staff toll free:

- | | |
|---|--|
| • Peggy Churchill , Remedial Project Manager
1-800-227-8917 x6137 | • Ted Linnert , Community Involvement Coordinator
1-800-227-8917 x6119 |
|---|--|



Annual Sampling and Cleanup Update

EPA Information Center

501 Mineral Avenue, Libby, MT 59923 (406) 293-6194

Fact Sheet Number 12

February 2005

Residential and Business Sampling and Analysis Complete

In 2002, EPA established a program to inspect all properties in Libby – the *Contaminant Screening Study*. Approximately 3500 properties were inspected in 2002 and 2003. Those requiring further investigation were revisited in 2003 and 2004.

Sampling results are intended to classify properties as:

- (1) definitely needing cleanup
- (2) needing more investigation
- (3) likely not needing cleanup

Over 16,000 soil samples were collected and the results, including soil sample results, are now available. All home and business owners whose properties were sampled should receive a letter with their sample results by Summer 2005. The letters will inform property owners if cleanup is necessary at their property. Many residents have already received these letters.

Based on current information, EPA estimates that 1200 to 1400 residential and business properties will need some type of cleanup. The total number depends upon the final cleanup standards set by EPA. EPA intends to propose these standards later this year.

Additional sampling at a small number of properties in 2005 is intended to provide the final pieces of information needed for EPA to establish final cleanup levels and procedures.

This specialized sampling will help answer specific questions about the effectiveness of the cleanup such as: “How clean are homes several months after the cleanup?” and “How much exposure are people getting from asbestos in soil?”

Cleanup Progress

The former vermiculite processing plants and other public areas have been cleaned up. EPA has completed cleanup of a total of 353 residential and commercial properties. Of these, **170 properties were completed in 2004.**

To date, 92% of the people completing a survey after cleanup said they were treated with courtesy and respect, well-informed about the work, impressed with the health and safety precautions and glad they had the work done.

In addition to cleanups, EPA continued inspections to gather the detailed information needed to design each unique cleanup of attics, home interiors and outdoor areas. Depending on the final budget, EPA expects to complete at least 170 cleanups in 2005.

Economic Benefit

EPA has encouraged contractors to hire locally, whenever possible. During the peak field season, EPA contractors had approximately 90 full-time employees, 61 of whom were from Libby or Troy. During Fiscal Year 2004, EPA estimated that approximately \$8.2 of cleanup money has gone directly into the Libby-area economy in the form of salaries, benefits, per diem, housing, purchases, contracts, and rentals.

New Contract Reduces Cost

As of fall 2004, EPA began using a new contract to conduct cleanups. Initial results of the contract were encouraging. Cleanups were completed at an average cost of about \$35,000, the lowest cost since the inception of the project. We will continue to evaluate the contract and its effect on local labor, quality of work, and costs.

USEPA Region 8 Montana Office
10 West 15th St. Suite 3200
Helena, MT 59626
Attn: Wendy Thomi

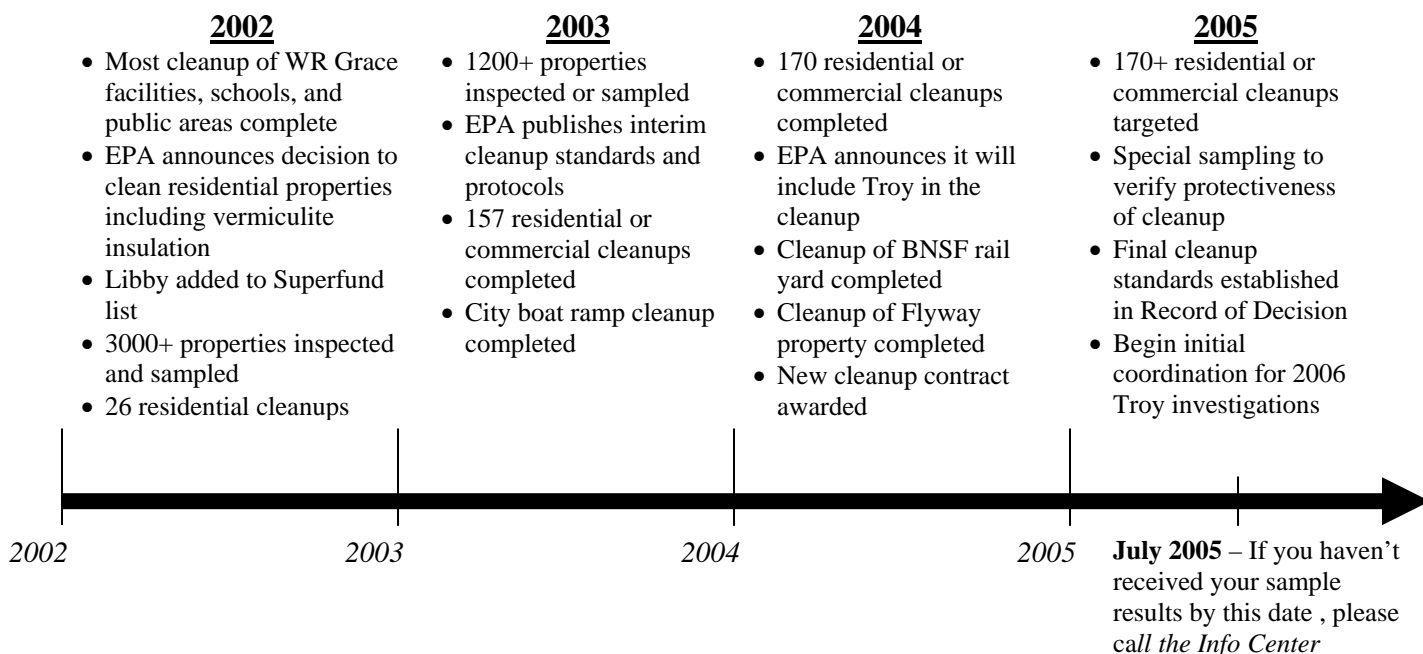
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2004 Annual Sampling and Cleanup Update Inside

Libby Project Timeline – 2002 to 2005



Questions? Please visit or call the EPA Information Center, at 501 Mineral Avenue in Libby (406-293-6194), or call the following EPA staff toll free:

- **Jim Christiansen**, Remedial Project Manager
1-800-227-8917 x6748
- **Wendy Thomi**, Community Involvement Coordinator
1-866-457-2690 x5037



New Libby Cleanup Contract

EPA Information Center * 501 Mineral Avenue, Libby, MT 59923

(406) 293-6194

Fact Sheet Number 11

August 2004

The U.S. Department of Transportation Volpe Center, working on behalf of the U.S. EPA, recently awarded new cleanup contracts for the Libby Asbestos Site. The contracts were advertised nationally and many companies submitted proposals and bids. This fact sheet provides information about how the contracts work and the impact on Libby cleanup in the future.

About The Contract...

- The contract has a **\$37 million capacity over 5 years**. New funds will be spent through the contract every few months based on upcoming work and its cost.
- The contract is **specific to the Libby Asbestos Site**. There are no competing interests from other Superfund sites.
- The contract is **multiple award**. The three cleanup contractors listed in the box below were selected to work in Libby based upon their technical expertise and cost proposals.

How It Works

- The contract was awarded to small businesses, consistent with the Government's preference for small businesses. The contract does allow small businesses to partner with larger firms.
- The contract is competitive with small minimums. Three contractors were chosen based on technical expertise to compete for work in Libby.
- Work will generally be performed in increments under fixed price task orders. Contractors will be asked to propose a price to perform cleanup on blocks of 5 to 30 or more homes or other specific tasks. The company with the lowest bid is then awarded the work.

Cleanup and Restoration Contractors

- Environmental Restoration (ER)
- Libby Restoration - A team including Sterling Construction Services, MARCOR, and SaLUT
- MCS Environmental (MCS) - A team including MCS, Envirocon and IRS Environmental

These companies will be responsible for cleanup and partial restoration of residential and commercial properties. They will remove vermiculite from attics and living spaces of homes and businesses; remove contaminated soil outside the properties; and backfill excavated areas with clean soil. Landscaping will be done through a separate contract. Contractors will perform their work under the oversight and approval of Volpe and EPA.

Benefits and Risks of this Type of Contract

Any type of contract has advantages and disadvantages. For a project as complex as Libby, it is difficult to choose a contracting strategy that meets all needs.

In selecting this new contract, EPA and the Volpe Center balanced many factors including:

- duration of the project
- need for quality and speed
- complex planning
- cost
- technical challenges
- impact on local labor

Benefits

- **Continuity, experience, and long-term commitment.** A large contract with a long life span means that EPA will not have new, possibly inexperienced, contractors coming onto the job frequently. The contractors selected will work in Libby for many years and have already demonstrated the technical skills needed specifically for Libby cleanup work. This will provide stability to the project.
- **Competition.** Ongoing competition encourages the contractors to perform the best quality work in the most efficient manner. EPA's oversight team will ensure the work is done to the required standards.
- **Flexibility.** With multiple contractors, EPA can avoid working with a contractor who has poor performance. Awarding to three companies ensures that if one company is performing inadequately or, for any reason, elects not to perform work in Libby, there is immediate back up. This can be done without having to develop, advertise, and award a new contract.

Potential Risks

- **A period of transition.** Initially, it is unclear which companies will submit the lowest costs for various task orders, or projects. Companies that do not win a project may be forced to lay off workers. This could create instability for the companies and uncertainty for workers in the short-term. The company that wins the first project may not win the second.
- **Pressure to cut corners.** Companies competing for work and trying to save money may be inclined to look for short cuts. It is the responsibility of the management team to oversee the work and ensure that proper standards are established and met. Companies failing to meet standards will be required to redo the work at their own cost.
- **Long-term uncertainty for local labor.** Due to uncertainty in the amount and timing of funding and many other factors, neither EPA nor the contractors can guarantee full-time, long-term employment for local laborers. This would be true to some degree for nearly every type of contract.

Funding Limitations

EPA will receive and distribute funding for the Libby cleanup approximately every three months. By law, the Agency can only commit to work that it has sufficient money in hand to pay for. This is one reason work will be done in batches, by task order, rather than contracting and paying for it all at once.

Project Organization Chart for Libby Asbestos Site



U.S. Environmental Protection Agency (EPA)

Responsible for overall implementation and completion of investigation, cleanup, restoration and community involvement activities



John A. Volpe National Transportation Systems Center (VOLPE)

Responsible for:

- Project Management
- Construction Management
- Management of Oversight/Engineering Contractor
- Management of Cleanup/Restoration Contractors



Oversight/Engineering Contractor – **CDM**

Responsible for:

- Investigative field work
- Community relations
- Engineering design
- Construction oversight
- Planning documents
- Air sampling
- Laboratory management
- Data management and geographic information systems



Cleanup/ Restoration Contractors

Responsible for:

- Cleanup activities (vermiculite and soil)
- Restoration activities (plants, lawn, etc)



For Employment Information

Call the Libby Job Service
at 406-293-6282

For Training Information

Call Northwest Montana Human Resources
at 406-293-2712

For General Information

Call the EPA Information Center
at 406-293-6194



U.S.EPA Region 8 Montana Office
10 West 15th St. Suite 3200
Helena, MT 59626
Attn: Wendy Thomi

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Helena, MT

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Annual Sampling and Cleanup Update

EPA Information Center

501 Mineral Avenue, Libby, MT 59923 (406)293-6194

Fact Sheet Number 10

February 2004

Identifying Properties for Cleanup

In 2002, EPA inspected and/or sampled about 3000 properties during the Contaminant Screening Study. In 2003, EPA visited about 500 new properties that were missed in 2002 and revisited about 700 properties that required additional follow up sampling. Most of the samples have not yet been analyzed.

EPA estimates at least 1200 properties will require cleanup. Other properties in Libby have no obvious indications that cleanup is required. The number of properties requiring cleanup may increase, or decrease, based on sampling results, additional investigation work, and completion of the risk assessment for the site. Any or all of these factors can contribute to a final decision for many properties.

Cleanup Progress

Cleanups have been completed at a total of 183 residential/commercial properties:

- 26 residential/commercial properties were completed in 2002 or earlier
- 157 residential/commercial properties were completed in 2003

In addition to cleanups, EPA has completed approximately 400 pre-design inspections at homes that will need cleanup. During these inspections EPA collects specific information necessary to design each unique cleanup of attics, interiors of homes and outdoor areas.

Cleanup Cost

EPA continues to refine the cleanup work to improve efficiency while still meeting the primary goal of protecting Libby citizens' health.

- Average cost per cleanup in 2002 was approximately \$150,000
- Average cost per cleanup for last seven cleanups of 2002 was about \$50,000
- Average cost per cleanup for the 157 properties completed in 2003 was approximately \$40,000.

Property Owner Satisfaction

EPA has provided a confidential survey form to everyone whose property has been completed since September 2002. The survey contains 22 questions about the cleanup process. Results of the 79 responses received to date indicate that most people are very happy with the work done on their property:

- 95% reported that they and their families were treated with courtesy and respect
- 91% responded that their concerns were addressed to their satisfaction
- 94% said they were impressed by the health and safety precautions taken
- 88% indicated that they believe the work was of high quality
- 90% report they are glad they had the cleanup work conducted.

In addition to answering the questions provided, many residents responded with written comments praising the professionalism, thoroughness, and kindness of the contractors and expressing happiness with the work completed. Several people pointed out things they thought could be improved in the cleanup process. This information is used to improve the work at future properties. The tabulated results for all survey questions are available upon request from the EPA Information Center in Libby.

Economic Benefit

EPA has encouraged contractors to hire locally, whenever possible. The majority of workers involved in the cleanup are from Libby or Troy. During the peak field season, EPA subcontractors had 125 full-time employees, 88 of whom were locals. During Fiscal Year 2003, EPA estimated that approximately \$9,000,000 of cleanup money has gone directly into the Libby-area economy in the form of salaries, benefits, per diem, housing, purchases, contracts, and rentals.



EPA Fact Sheet: Sampling and Cleanup Update

Please look inside for more information

**If you have questions, or need additional information, please visit or call the
EPA Information Center, at 501 Mineral Avenue in Libby (406-293-6194), or
call the following EPA staff toll free:**

**Jim Christiansen, Remedial Project Manager
1-800- 227-8917 x6748**

**Wendy Thomi, Community Involvement Coordinator
1-866-457-2690 x5037**

USEPA Region 8 Montana Office
10 West 15th St. Suite 3200
Helena, MT 59626
Attn: Wendy Thomi

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Sampling and Cleanup Update

EPA Information Center * 501 Mineral Avenue, Libby, MT 59923 *
(406)293-6194

Fact Sheet Number 9

January 2003

Sampling Statistics

- 3454 properties were inspected for visible vermiculite
- EPA collected soil samples from 3029 properties (samples weren't required for every property)
- 281 owners denied access to the samplers
- 1067 structures have visible vermiculite outside but no visible vermiculite inside
- 216 structures have visible vermiculite inside but no visible vermiculite outside
- 320 structures have both indoor and outdoor vermiculite
- 40 secondary structures (e.g sheds, detached garages) have vermiculite

EPA collected about 15,000 soil samples from more than 3000 properties over the last year. These samples will be used, along with the survey and inspection information, to determine which properties will require cleanup, which will require more investigation, and which will not require cleanup. EPA, USGS and others have developed and continue to test new, more accurate, and less costly techniques for measuring Libby asbestos in soil. Until the most sensitive and accurate analytical techniques are available, EPA will delay analysis of the soil samples. As soon as the new techniques are officially approved, EPA will use them to make cleanup decisions on each property and will begin to notify property owners of their status.

Cleanup Statistics

- 8 residential/commercial properties were completed prior to 2002
- 17 residential/commercial properties were completed in 2002
- Average cost per cleanup over all properties including 2001: about \$100,000
- Average cost per cleanup in 2002: about \$150,000
- Average cost for last seven cleanups of 2002: about \$50,000
- In order to get work started without excessive delay, EPA used emergency response contracting mechanisms for the residential/commercial cleanups in 2002. These are designed for flexibility. EPA has made the transition from the Superfund Emergency Response Program to the Superfund Remedial Program. The Remedial Program is geared toward long-term response actions such as Libby requires. Libby's EPA team expects to continue to improve the efficiencies while still meeting the primary goal: protecting Libby citizens' health.
- For the first several properties, EPA tried a variety of approaches for sampling, worker protection, and cleanup in order to learn what worked best. The costs of some of these first residential cleanups were higher than we estimated, however, we expect that what we have learned from these first residential cleanups will help us to more efficiently conduct future cleanups. Several of these cleanups were complex and are not generally representative of "typical" residential/commercial Libby cleanups.

EPA is working to refine its residential cleanup work and expects that these refinements will continue to lower costs and increase the speed of cleanup

EPA Fact Sheet: Sampling and Cleanup Update

EPA began a program of residential/commercial cleanup in Libby during 2002. Seventeen property cleanups were completed in 2002. EPA is using the information gained from the first residential cleanups to refine future contracting and residential cleanup plans. These refinements will bring more efficiency to the entire process through better contracting and a streamlined cleanup plan. While the refinements won't all be immediate, EPA is confident that the cost and rate of cleanup will improve. EPA also completed a systematic screening and sampling of all properties in the Libby area, the first step in determining which properties will require cleanup and which will not. Please look inside for more detailed information.

EPA will continue to report on progress and costs as the cleanup moves forward.

**For more information, please feel free to visit or call the EPA Information Center.
501 Mineral Avenue in Libby 406-293-6194**

Or call EPA staff toll free :



Jim Christiansen, Remedial Project Manager Or
1-800- 227-8917 x6748

Wendy Thomi, Community Involvement Coordinator
1-866- 457-2690 x5037

**USEPA Region 8 Montana Office
10 West 15th St. Suite 3200
Helena, MT 59626
Attn: Wendy Thomi**



Libby Sampling - 2002

EPA Information Center * 501 Mineral Avenue, Libby, MT 59923*
406-293-6194

Fact Sheet #8

May 2002

In May 2002, EPA will begin sampling all properties in the Libby area to screen out areas where there is no contamination and find priority areas for cleanup. Samplers should complete the screening by November 2002. The screening is the first phase of the Superfund Remedial Investigation (RI) and is broader than prior investigations and cleanups done by EPA's Removal program. In general, the Remedial program handles long-term cleanups and the Removal program handles short-term cleanups. In Libby, *both* programs will operate at the same time.

Step-by-Step Approach

Previous EPA sampling focused on those areas where asbestos contamination was *known* or *suspected*, such as around the former vermiculite processing areas. The intent was to find the worst areas and address them quickly via the Removal program.

Now that the site is proposed to the National Priorities List (NPL), EPA will begin a systematic screening for potential contamination at all properties in the Libby area. The Removal program and Remedial program will work together to clean up contaminated areas inside and outside of buildings.

There is no obvious pattern to contamination in Libby, and asbestos-contaminated vermiculite products and wastes could have been used anywhere. Thus, EPA feels it is necessary to at least minimally investigate every property in the area.

Expected Results

The goal of the study is to find Libby asbestos.

Sources may include Zonolite attic insulation (ZAI) and various vermiculite products and wastes. The contamination may be obvious or hidden. Potentially hidden sources include homes where vermiculite workers are known to have lived or homes in close proximity to known contaminated properties.

Based on the results, each property, or portion of a property (such as a building or smaller area), will be classified in one of three ways:

1. **"Lots of Asbestos."** Contains ZAI or high levels of asbestos. Presents a clearly unacceptable health risk and will be flagged for additional investigation and cleanup.
2. **"Some Asbestos"**. No ZAI or other high level sources, but some evidence that asbestos is present in outdoor soils and may have contaminated indoor dust. May require further study, such as indoor dust sampling, to determine whether cleanup is necessary.
3. **"No Asbestos Detected."** No measurable asbestos outdoors, and no reason to suspect indoor dust may be contaminated. Property owners will be given "comfort letters" indicating the building will likely require no additional study or cleanup. EPA believes most properties will fall into this category.



Please Be Patient

There are over 3,000 properties to be screened - far too many for us to try to set up telephone appointments. Instead, we will work area by area around town, leaving advance flyers to advise property owners of our plans and attempting to talk to residents.

We will need your cooperation and a great deal of flexibility to get the work done in timely manner. If you are selling your property, please contact the EPA Information Center (293-6194).

If you don't hear from us immediately, don't worry. We *will* get to everyone eventually. Call us if you haven't heard from us, by flyer or otherwise, by mid-September.

What Will Happen at Each Property?

Beginning in May, teams of samplers will be going door-to-door, talking with residents or leaving flyers, to arrange for screening. The teams will arrange a time for sampling and they *must* also obtain a signed access agreement from the property owner in order to sample. They will occasionally work evenings and weekends to try to reach everyone.

The screening at each property will consist of three parts:

1. **Visual inspection.** Samplers will look for ZAI indoors and for other sources of asbestos outdoors.
2. **Verbal interview.** Samplers will ask several questions related to the history of the property and current conditions.
3. **Outdoor sampling.** Samplers will collect samples in areas such as gardens, unpaved driveways, and the yard.



The entire process will take about two hours, and the resident needs to be present only for the first hour. When results are available, EPA will mail them to the owner with a detailed explanation and the likely next steps. Properties in the "No Asbestos Detected" category will receive comfort letters at that time.

Do You Have Any Questions?

If you have questions on your results or anything else related to the EPA work in Libby, you can contact the EPA Information Center (293-6194). You can also attend a monthly Community Advisory Group (CAG) meeting on the 2nd Thursday of each month at 7:00 PM in the Ponderosa Room of City Hall.

There will be an EPA Availability Session, on the 4th Thursday of each month, at the same place and time. These sessions are provided specifically to answer any questions you might have about the work being conducted in Libby.



U.S. Environmental Protection Agency, Region 8 - Montana Office
10 W. 15th St., Suite 3200
Helena, MT 59626
Attn: Wendy Thomi

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F.4 Assorted Advertisements



Ask EPA!!!

Questions and Answers about
Asbestos and EPA's Investigation

Q: I just saw workers in white protective suits at one of our schools! I thought the school cleanups were over. What's going on?

A: EPA has begun Activity Based Sampling (ABS) at the five public schools in Libby. In order to sample the air inhaled by specific groups of people, ABS simulates the routine activities of the regular users of the property. In this case those users are students and maintenance workers.

The ABS program being conducted at the schools attempts to simulate the outdoor exposures to any residual Libby Amphibole asbestos (LA) in the school soils. Our contractors are wearing modified "Level C" Personal Protective Equipment which is required by the Libby project Comprehensive Site Health and Safety Program.

The soils at all the local schools have been sampled and LA was either not detected or was detected at concentrations of less than 1 percent. However, because visible vermiculite was observed in some locations, EPA wants to take this extra step to ensure the schools don't pose an unacceptable risk to students or maintenance staff.

For more information on the ABS program please call or visit the EPA Information Center in Libby: 501 Mineral Avenue – 293-6194.

September 2009

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Libby Asbestos Superfund Site

Monthly Meetings

Sept. 15, Tuesday

Technical Advisory

Group (TAG). Flathead

Valley Community College, 7 to

9 pm

Sept. 29, Tuesday

Operations and

Maintenance (O&M)

Venture Inn, 8 to 10 am

Sept. 24, Thursday

Community Advisory

Group (CAG). St. Johns

Hospital Conference Center

(old church on river side of

hospital), 6 to 9 pm



The public is welcome!

For more information, call the

EPA Info Center at 293-6194

Attention Home and Business Owners

Whether your property has already been cleaned by EPA or you are on the cleanup list (or waiting to get on the list), if you have questions or concerns about your rights under the process, please call the ***Libby Business and Homeowners Association*** (LBHA).

The LBHA was established to ensure the voice and concerns of impacted property owners in Lincoln County are heard loud and clear by EPA and its contractors. We are your neighbors - common people who want to be treated fairly under EPA cleanup policies and want to ensure their property is respected to the highest level possible.

Remember, our homes and businesses represent our most valued possessions and deserve the utmost in care and protection. There is power in numbers, so call today and let your voice be heard.

LBHA
293-8496 or
293-9705



If you have completed a cleanup, EPA would like you to fill out and return your evaluation form. If you need another form, please call the EPA Info Center at 293-6194. Your input is very important!

EPA needs residents to volunteer the use of their homes during the day (*no relocation is needed*) so that we can conduct Activity Based Sampling (ABS). During the ABS, our contractors will simulate normal household activities (dusting, vacuuming, etc.). Each home will have four sampling events over a one-year period, and each event will last for two to three days.

**Do you
want to
help Libby
become a
safer place
to live?**

We need approximately 80 volunteers. This includes both homes that we've already cleaned up and homes where we have done no work.

The data we obtain will help us evaluate the long-term effectiveness of our cleanup strategy, which will help ensure that Libby continues to be a safer and safer place to live over the long-term.

We need the help of local citizens to make this critical sampling program a success!

If you can help, please call or visit EPA's Information Center at 501 Mineral Avenue, 406-293-6194.

EPA's Libby Information Center is Moving!

As of September 1, 2009
our new address is:

**108 E. 9th Street
Libby, Montana 59923**

Our phone number remains:

(406) 293-6194

*As always, we welcome your visits or
calls and are happy to provide
information on the activities at the
Libby Asbestos Superfund Site.*



F.5 *Superfund and You* Columns

(1) Superfund and You - *Why Should You Read This Column?*

The U.S. Environmental Protection Agency (EPA) began working on the Libby asbestos cleanup in 1999. We know from our interactions with local residents over the years that many of you are very interested in knowing what EPA is or will be doing in the future with regard to cleanup. We also know that many of you want a chance to provide input to the process, but are often unsure about the best ways to do this. Many people in Troy are just beginning to get involved.

Keeping the public up to date and engaged when the technical issues are so complex is challenging. EPA has written fact sheets, hosted public meetings, conferences and workshops, facilitated a Community Advisory Group, provided a Technical Assistance Grant, published regular Q&A ads, maintained an EPA Information Center, and more. As part of our commitment to community awareness and involvement, we will be adding this column. It will run in the *Montanian* and *Western News* on the last Wednesday of each month. We want it to become a resource – a place where interested citizens can look for information on current events and issues that can be influenced by their input.

EPA believes it is important for the community to be involved in the Superfund decision-making process throughout the life of the cleanup project. EPA's staff and its contractors are always open to public input on our decisions and actions. There are also formal public comment periods built into the process where community input can have an impact on cleanup decisions. In 2005, the Superfund process will reach a key decision-making stage – the release of EPA's proposed plan for long-term cleanup. The public comment period following release of the plan

will be an opportunity for residents to review and critique the plan.

Please take a few moments to read this column each month. We will provide timely information and alert you to opportunities to become involved in the process. Upcoming issues tentatively scheduled to be discussed include: overview of the Superfund Process, discussion of what we mean when we say “long-term cleanup,” project update, information on a technical workshop for residents, discussion of the Proposed Plan for cleanup in Libby and Troy, and effective ways that you can provide comment to EPA. We welcome suggestions for topics you think would clarify the Superfund process and the public's role in it.

As part of our community involvement process, EPA will be sending out a postcard survey this week. A follow-up survey will be sent out in spring 2006. We hope that the information we obtain from this survey will help us improve the way we provide information and communicate with Libby and Troy residents. The survey is short and should take only a few minutes to complete. We greatly appreciate your participation by returning the postage-paid card to us. If you don't get one and would like to participate, you may pick one up at the EPA Information Center.

We encourage you to call or visit the EPA Information Center at 501 Mineral Ave. with questions or to review information related to the Libby Asbestos Site.

Published March 27, 2005

(2) Superfund and You - *The Superfund Process, Part 1*

The U.S. Environmental Protection Agency's (EPA's) investigation and cleanup work in Libby is being conducted under the Superfund Law, formally known as the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). There are two different authorities or programs under this law, the *Removal* Program and the *Remedial* Program. Removal Program actions are typically cleanups that are begun quickly to address immediate health risks and time-sensitive situations, while Remedial Program actions address both immediate and long-term health risks and are not limited in duration or expenditures. In Libby, EPA is using both programs to continue site investigation, address health risks and conduct cleanup.

Removal Program

In November 1999, EPA began an emergency response action to protect public health in Libby. The first priority was to address current risk to public health from asbestos-contaminated vermiculite by cleaning up, or removing the largest and worst sources of contamination.

EPA issued an Action Memo in May 2000. This decision-document authorized immediate cleanup of sources of vermiculite based on endangerment. Through that memo (and its amendments), EPA has safely and thoroughly cleaned up the former vermiculite processing facilities, several Libby schools, and 370 residential and commercial properties. This work includes investigation, yard excavation, interior dust cleaning, attic insulation removal, limited demolition, disposal at the mine site and at a special asbestos disposal cell at the

landfill, and restoration. EPA expects to complete at least 170 additional cleanups in 2005.

Remedial Program

In October 2002, Libby became a National Priorities List (NPL) site, making it eligible to receive additional federal funds for cleanup. In 2002 and 2003, EPA conducted the Contaminant Screening Study (CSS), taking samples at approximately 4200 residences and businesses in Libby. The data we gathered is being used in the Remedial Investigation and Risk Assessment which EPA is now preparing for Libby.

Drawing on the Remedial Investigation and Risk Assessment, EPA plans to issue a Proposed Plan for remedial action by December 2005. There will be a formal public comment period on the Plan. After considering and responding to public comments, a Record of Decision (ROD) will specify exactly what cleanup activities can and will be done under Superfund. EPA can only do what is authorized in the Action Memo and the ROD.

EPA encourages you to respond to the postcard survey sent out last month. The results will help us improve communication with area residents. If you didn't get one, you can pick one up at the EPA Information Center, at 501 Mineral Ave. The Information Center (293-6194) can be a resource for you if you have questions or would like to review site information. Next month's column will focus on the Superfund decision-making process in Libby.

Published May 1, 2005

(3) Superfund and You - *The Superfund Process, Part 2*

The U.S. Environmental Protection Agency's (EPA's) investigation and cleanup work in Libby is being conducted under the Superfund Law, formally known as the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). There are two different authorities or programs under this law, the *Removal* Program and the *Remedial* Program. Last month's column briefly discussed EPA's work in Libby under these two programs.

This month, we're focusing on how the Remedial Program's decision-making process works. In other words, how does EPA decide the scope of the final cleanup in Libby?

Superfund requires a thorough site investigation and risk assessment to ensure that clean-up decisions are based on the best available science. Even at a site where the risk seems clear, anecdotal evidence is not enough. Final cleanup decisions must be based on well-defined and documented risk. As in Libby, imminent threats to human health are addressed by emergency cleanups under the Removal Program while the final cleanup decisions are being made.

Steps in the decision-making process are documented in the following way.

- **Remedial Investigation (RI).** EPA collects environmental data necessary to characterize the *nature* and *extent* of the contamination. In Libby, this included sampling almost every residence and business (~4,200) as part of the Contaminant Screening Study. The data are being analyzed and compiled into an RI report. Additional sampling for soils and inside homes is planned for this summer.
- **Risk Assessment (RA).** EPA uses data from the RI to quantify the health risks from exposure to the contaminants of concern. In Libby, there has

been much focus on the toxicity and health effects of Libby amphibole asbestos, where and how people get exposed, and how often or for how long they may be exposed.

- **Feasibility Study (FS).** EPA analyzes the protectiveness of cleanup options for a site, using results of the RI and RA. Nine specific criteria are used to weigh the merit of each cleanup option.
- **Proposed Plan.** EPA uses the RI, RA, and FS results, and other information, to propose a plan for clean up over the long-term, including Operations and Maintenance. The law requires a public meeting to present the plan during a 30-day public comment period. EPA hopes to issue a Proposed Plan by December 2005.
- **Record of Decision (ROD).** EPA publishes a final cleanup decision document after considering the public comments it receives. The ROD includes a Responsiveness Summary which addresses public comments.

Throughout the process, there will be many opportunities beyond what the law requires for public meetings, discussion, and other communication. EPA will continue to write these columns, place Q&A ads, meet with residents, and take other steps to make sure the public is informed. Opportunities for public involvement will be announced in the paper.

The EPA Information Center, at 501 Mineral Ave (293-6194) is a resource for you to stay informed.

Published May 29, 2005

(4) Superfund and You - A *Libby Progress Update*

Residential and Business Soil Sampling Results

In 2002, the EPA established a program to inspect all properties in Libby – the *Contaminant Screening Study*. More than 4200 properties were inspected in 2002 and 2003. Those requiring further investigation were revisited in 2003 and 2004.

Sampling results are intended to classify properties as:

1. Definitely needing cleanup
2. Needing more investigation
3. Likely not needing cleanup

Over 16,000 soil samples were collected and the results are now available. All home and business owners whose properties were sampled should receive a letter with their soil sample results this summer. EPA began mailing the results out in geographic batches in June. If you do not receive your letter by the end of summer, please call the Information Center and let us know.

The letters will indicate whether or not cleanup is necessary at the property. EPA currently estimates that 1,200 to 1,400 properties will need some type of cleanup. The number depends on the final cleanup standards, which EPA intends to propose later this year.

This specialized sampling will help answer specific questions about the effectiveness of the cleanup such as: “How clean are homes several months after the cleanup?” and “How much exposure are people getting from asbestos in soil?”

Cleanup Progress

The former vermiculite processing plants and other public areas have been cleaned up. EPA has completed cleanup of a total of 380 (as of end of May) residential and commercial properties. Of these, 170 properties were completed in 2004.

To date, 92% of the people completing a survey after cleanup said they were treated with courtesy and respect, were well-informed about the work, were impressed with the health and safety precautions, and were glad they had the work done.

In addition to cleanups, EPA continued inspections to gather the detailed information needed to design each unique cleanup of attics, home interiors and outdoor areas. Depending on the final budget, EPA expects to complete at least 200 cleanups in 2005.

Economic Benefit

EPA has encouraged contractors to hire locally, whenever possible. During the peak field season, EPA contractors had approximately 90 full-time employees, 61 of whom were from Libby or Troy. During Fiscal Year 2004, EPA estimated that approximately \$8,200,000 of cleanup money was added directly to the Libby-area economy in the form of salaries, benefits, per diem, housing, purchases, contracts, and rentals.

For more information, you can stop by or call the EPA Information Center, at 501 Mineral Ave. (293-6194). The Information Center is a great resource if you have questions or would like to review information about the site.

Published June 26, 2005

(5) Superfund and You - *Upcoming Libby Workshops*

In 2004, EPA held a technical workshop for representatives of the Libby Technical Assistance Group (TAG) in Denver. The TAG found the workshop to be very informative and helpful. As a result, EPA has decided to hold a one-day technical workshop for the general public in Libby that will cover much of the same information that was provided to the TAG. In addition, on the day prior to the technical workshop, EPA will also hold a one-day workshop on the Superfund remedial process.

These interesting and informative workshops are open to the public at no charge. Both will be held at the VFW hall, 108 W. 2nd, Libby.

Superfund Process Workshop

Wednesday, Sept. 14

9:30am to 2:30 pm

Technical Workshop Thursday, Sept. 15

8:00am to 4:30pm

Superfund Process Workshop

This 5-hour, interactive class is taught nationally by two experienced, EPA trainers. It includes seven modules, ranging in length from 10 to 120 minutes:

- Introduction
- Overview of Superfund
- Community Involvement
- Site Assessment
- Remedy Selection
- Post-Remedy Selection
- Wrap Up

Many of the modules include group exercises about the material covered.

Technical Workshop

The technical workshop includes nine short sessions of 20 to 45 minutes each:

- Overview of the Libby Project
- Introduction to Risk Assessment
- Introduction to Analytical Methods and Performance Evaluation
- Risk Assessment Continued
- Risk Management in Libby
- Roles of EPA, Volpe, and CDM
- How Does the Cleanup Work?
- Remedial Investigation
- Next Steps

There will be several question and answer periods throughout the day.

Getting More Information

Agendas for both workshops are available at the **EPA Information Center**, 501 Mineral Ave, in Libby. If you think you'd like to attend, a call to the Information Center (**293-6194**) would be appreciated. ***Registration is not necessary***; but, as with any event, knowing how many people are coming will help us to ensure enough seating, handouts, etc.

EPA invites you to attend either or both workshops. Both are great ways to learn more about how Superfund works in general, how decisions are made for Libby, and what the next steps in Libby are. To get the most benefit, we encourage you to attend the entire workshop, but you may also choose to attend only specific parts.

Published August 28, 2005

(6) Superfund and You - *EPA October Public Meeting*

After several years of time critical emergency response actions and investigation (including sampling of nearly every property in Libby), the Libby Asbestos site is nearing a significant milestone in the Superfund process. Soon, EPA will propose a long-term cleanup strategy for the site, based on the extensive investigation and evaluation.

EPA will hold a public meeting in October to update residents on cleanup status, cleanup strategy, and upcoming activities. For those interested in past and future work at the site – including residential and commercial cleanups - this is truly a “must attend” public meeting. Come and find out how your voice and comments can be incorporated into the long-term cleanup strategy.

Libby Asbestos Site **PUBLIC MEETING**

**Tuesday, October 11
6:30 pm to 8:30 pm**

**Libby Memorial Center
111 E. Lincoln Blvd.
Libby, Montana**

Highlights of the meeting will include:

- ***A brief history of the site and the major milestones.*** We will discuss how the investigation and cleanup got started, how the site became a Superfund site, action memos, major removals, residential cleanups, budgets, and cost.

- ***EPA’s cleanup strategy to date.*** This includes: how EPA decides which properties

will be cleaned up, when cleanups will occur, what action levels are (Action Level Tech Memo), and how many cleanups have been done so far.

- ***EPA’s focus on involving and informing the community.*** This includes: targeted informational meetings (e.g., local realtors and contractors), CAG/TAG support, economic development assistance (Dream it Do it! workshops, brochures, comfort letters, etc.), support for health issues support, post-cleanup evaluations, and the community-wide survey.

- ***EPA’s activities for the coming year.*** This includes completion of the Remedial Investigation/Feasibility Study report and how the public’s concerns are being addressed in that document. We will also discuss EPA’s upcoming Proposed Plan for long-term cleanup, the public comment period, and EPA’s upcoming Record of Decision (or final decision on cleanup).

There will be a question and answer session, and we will introduce EPA’s new Libby-based Remedial Project Manager, Mike Cirian.

Getting More Information

An agenda for the public meeting will be available at the EPA Information Center, 501 Mineral Avenue, in Libby by October 6, 2005. You can also call the Information Center (293-6194) for additional information.

Published September 25, 2005

(7) Superfund and You - *What's the CAG/TAG Role?*

Congress made public involvement in decision making an important part of the Superfund process when the program was established by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980. The intent was to ensure that people whose lives were affected by abandoned hazardous wastes would have a say in actions to clean them up. This was further strengthened in the Superfund Amendments and Reauthorization Act of 1986 (SARA).

The Libby Asbestos Site benefits from the contributions of two community-based groups, the *Community Advisory Group* (CAG) and the *Technical Assistance Group* (TAG). Both groups meet regularly and are valuable resources and advocates for the community.

The Libby CAG

CAGs are generally found at sites where community interest is high and clean up is expected to take several years to complete. The Libby CAG was formed in 2001 and is made up of Libby residents and agency representatives with diverse community interests. It provides a public forum for the community to come together and discuss their needs and concerns related to the Superfund decision-making process. The CAG offers a unique opportunity for the community to share issues related to Libby Asbestos. It is part of EPA's overall community involvement program at the site.

The Libby CAG's purpose is:

- Providing a conduit for formal and regular communication between the people of the Lincoln County and EPA;
- Providing advice and/or recommendations to EPA and others such as Montana's Congressional delegation;

- Facilitating the creation of new organizations as needed;
- Causing the release of information; and
- Serving as a point of contact with Lincoln County for Montana's Governor and others.

CAG meetings are on the second Thursday of each month, from 7pm to 9pm, and are open to the public. Ads, which provide the agenda, are run in local papers immediately before the meeting.

The Libby TAG

The TAG is funded by a Technical Assistance Grant that provides money for the group to hire an independent technical advisor to interpret and help the community understand existing technical information about the site. The TAG was formed in 2003 and has recently hired a new technical advisor, Gerry Henningson. TAG meetings are on the second Tuesday of each month and are open to the public.

For More Information...

Meeting dates, times, places, and summaries and the TAG and CAG membership roles are available from the EPA Information Center at 501 Mineral Avenue (293-6194). You can also visit EPA's web site at: www.epa.gov/superfund/tools/.

EPA will soon be making long-term cleanup decisions for the site that may affect you and your property. Now is the time to get involved, or reinvolved, and attending a CAG or TAG meeting can be a great place to start!

Published October 30, 2005

(8) Superfund and You - *The Remedial Investigation*

How is EPA addressing health risks from dust under carpets, vermiculite in walls or gardens, or working in attics? These and other questions related to the Libby Asbestos site are being addressed in the Remedial Investigation (RI) report, which we hope to issue in spring 2006.

The purpose of the RI is to determine the nature and extent of Libby amphibole (LA) asbestos contamination and to assess the associated risks. EPA's goal is not to remove all uncertainty, but to reduce it to a level that will allow us to make a reasonable decision on what the final cleanup strategy will be for Libby.

Investigations at the Libby site have spotlighted gaps in the scientific community's knowledge of asbestos risk. EPA acknowledged those gaps early in the process, and we have worked diligently to advance the science and address uncertainties with cutting-edge studies.

For example:

- We developed new techniques for measuring asbestos and collected data at more than 4,200 properties
- We documented the occurrence of LA asbestos in vermiculite
- We devised specific sampling scenarios to address questions – such as how much asbestos becomes airborne during gardening, vacuuming, or working in attics

The results of this work will be documented in highly-specific, technical memos that support the RI and risk management. These memos, and

all other supporting documents, will be included in the RI report on compact disks.

The RI report will present an analysis of all data collected at the Libby Asbestos Site. Along with the Baseline Risk Assessment (BRA), it will present estimates of risk to human health and the environment. It is also the basis for the analysis of cleanup alternatives that will be conducted in the Feasibility Study (FS).

EPA has taken the unusual step of writing the Libby RI report ourselves, rather than delegating it to a contractor, as is typical. We felt that the unique nature of the waste and the history at the Libby site demands this action.

We are committed to writing the RI in a way that will allow the average Libby citizen to read and understand the material. Some of the technical issues are very complex, but we hope to be able to meet this goal. We believe the report will help residents understand how cleanup decisions are made. For example, the report will show how analytical results and risk assessment information are used to make important decisions at the Site, such as whether or not to leave vermiculite in wall cavities or to remove carpets during cleanup.

For More Information...

In the future, we will discuss the technical memos, FS, and the Proposed Plan, as well as the opportunities for public comment. EPA and our contractor, CDM, will be happy to provide additional information, and we also encourage citizens to contact the Libby CAG or TAG for assistance. For more information, contact the EPA Information Center at 501 Mineral Avenue (293-6194).

Published November 27, 2005

(9) Superfund and You - *Technical Memos of the RI*

Last month's column discussed the Remedial Investigation (RI) report that EPA is now writing. That report addresses issues important to people in Libby, such as: how EPA is addressing health risks from contaminated dust under carpets or from exposure to vermiculite in walls or yards? Through the RI, EPA seeks to gain enough information about the Libby Asbestos Site to allow us to make a reasonable decision about what the final cleanup strategy will be for Libby.

The RI report will present an analysis of all data collected at the Libby site. It will also present estimates of risk to human health and the environment. These estimates will be factored into the risk management decisions that will be made about the Site and the cleanup. In addition, these estimates will form the basis for the analysis of cleanup alternatives that will be conducted in the Feasibility Study (FS).

One of the major components of the RI is a series of technical memos. These memos document a number of studies that EPA undertook to address data gaps in the scientific community's knowledge of Libby amphibole asbestos. In many instances, these studies have resulted in cutting-edge advances in the science of asbestos measurement and analysis.

For example, EPA wanted to know more about the potential presence of asbestos in air around Libby. That study is documented in a special report titled *Summary of Asbestos Levels in Ambient Air in Libby, Montana*.

Some of the other issues covered by the technical memos are:

- What is the best way to analyze a soil, dust or air sample?
- What do dust samples tell us about the risks in homes that have vermiculite insulation?
- How do asbestos exposures vary depending on what activity a resident may be doing around a contaminated home?
- How much asbestos can be released to air when contaminated soil is disturbed?
- Do houses that have been cleaned by EPA remain clean over time?

These technical memos will be included in CD format as appendices to the RI. Although they are crucial to EPA's risk management and decision-making process, they may be technically overwhelming to the average RI reader.

However, readers should be assured that the findings of the memos have been incorporated into the RI in a format that can be understood by people who are not technical experts. The memos themselves serve as important documentation that supports the decisions made at the site.

For More Information...

In the future, we will discuss the FS and the Proposed Plan, as well as the opportunities for public comment. EPA and our contractor, CDM, will be happy to provide additional information, and we also encourage citizens to contact the Libby CAG or TAG for assistance. For more information, contact the EPA Information Center at 501 Mineral Avenue (293-6194).

Published January 1, 2006

(10) Superfund and You - *The Feasibility Study*

Recent *Superfund and You* columns discussed EPA's upcoming Remedial Investigation (RI) report which will present an analysis of all data collected at the Libby Asbestos Site, as well as estimates of risk from Libby Amphibole asbestos (LA). The RI, which will include a Baseline Risk Assessment, will answer questions about where contamination is and how much risk it presents. This will allow EPA to make a reasonable decision about what the final cleanup strategy will be for Libby.

The Feasibility Study (FS) is a companion document to the RI. It is a step-by-step, analytical process used by EPA to identify and evaluate cleanup *processes, technologies, and alternatives* at Superfund sites. It uses RI data to determine the need for (and scope of) clean up and presents an analysis of how risks identified in the RI can be *managed*.

At Libby, the FS process is aided by the fact that so many cleanups have already been done, providing important, first-hand data for evaluation of future cleanup alternatives. Remediation is not started at sites until after the RI/FS and Record of Decision (ROD) are issued. However, health risks at Libby warranted that cleanup begin immediately - while the RI/FS was being conducted. This work was done as part of a *time critical removal action*. EPA chose to reduce risks immediately by removing major source areas of LA and beginning residential and commercial cleanups as part of the response action.

Although the current cleanup approach appears to be working well, EPA did not simply assume that it was perfect and should be continued for all future cleanups. Instead, one of the first steps of the FS is to evaluate the approach in detail to see if it, or a variation, should be

considered for future cleanups. EPA wants to know: *Is the clean up working?* and *Is it protective enough?*

The next step in the FS is to develop a complete list of cleanup alternatives for evaluation. This is made easier in Libby because the technologies and process options for dealing with asbestos are fairly limited. There really are only a few things EPA can do to clean up Libby - most of which are related to physically removing or isolating the LA. Options range from "no action" to complete removal of all measurable LA.

The potential cleanup alternatives are then evaluated using nine specific FS criteria, including *protectiveness, compliance, or long-term effectiveness*. Alternatives that pass this evaluation are systematically compared against one another to determine relative strengths and weaknesses. This comparative analysis produces a *preferred alternative* for cleanup, which is then described in detail. The preferred alternative will be set forth by EPA in the Proposed Plan, which will be available for public comment. The end result is a preferred alternative for cleanup in which EPA and the community can be confident.

For More Information...

In the future, we will discuss the evaluation criteria EPA uses in the FS, the Proposed Plan for cleanup, and opportunities for public comment. EPA and our contractor, CDM, will be happy to provide information, and we also encourage citizens to contact the Libby CAG or TAG for assistance. For more information, contact the EPA Information Center at 501 Mineral Avenue (293-6194).

Published January 29, 2006

(11) Superfund and You - *The FS Evaluation Criteria*

In the last two columns, we discussed the Remedial Investigation (RI), Baseline Risk Assessment (BRA), and Feasibility Study (FS). These processes are used by EPA to identify the nature and extent of contamination in Libby, assess its risks to human health, evaluate cleanup options and identify a preferred cleanup alternative.

In evaluating the cleanup alternatives at all Superfund sites, EPA uses a specific set of nine criteria (called the **NCP Criteria**) that ask the following questions about each alternative:

1. **Overall protection of human health and the environment.** *Is it protective? How are risks eliminated, reduced, or controlled?*
2. **Compliance with ARARs.** *Does it meet environmental laws or provide grounds for a waiver?*
3. **Long-term effectiveness and permanence.** *Does it provide reliable protection over time?*
4. **Reduction of toxicity, mobility, or volume through treatment.** *Does it use a treatment technology? This is preferred, if possible.*
5. **Short-term effectiveness.** *Will the remedy be implemented fast enough to address short-term risks, and will there be adverse effects (human health or environmental) during construction/implementation?*
6. **Implementability.** *How difficult will it be to implement (e.g. availability of materials or coordination of Federal, State, and local agencies)?*

7. **Cost Effectiveness.** *What are the estimated capital and operation and maintenance costs in comparison to other, equally-protective alternatives?*

8. **State acceptance.** *Does the State agree with, oppose, or have no comment on it?*

9. **Community acceptance.** *Does the community support, have reservations about, or oppose it?*

Criteria 1 and 2 are **threshold criteria** and must be satisfied for an alternative to be eligible. Criteria 3 through 7 are **primary balancing criteria** and are used to weigh major trade-offs among the alternatives that meet the threshold criteria. Alternatives that pass these first seven criteria are systematically compared against one another to determine relative strengths and weaknesses. This produces a preferred alternative, which will be set forth by EPA in the Proposed Plan (available for public comment).

Criteria 8 and 9 are **modifying criteria** and are implemented once all public comments are evaluated. They may prompt modifications to the preferred alternative. The end result is a preferred alternative for cleanup in which EPA and the community can be confident.

For More Information...

EPA and our contractor, CDM, will be happy to provide information, and we also encourage citizens to contact the Libby CAG or TAG for assistance. For more information, contact the EPA Information Center at 501 Mineral Avenue (293-6194).
Published February 26, 2006

(12) Superfund and You - *Outdoor Ambient Air Sampling*

EPA is implementing an Outdoor Ambient Air Sampling Program in Lincoln County. The phrase *outdoor ambient air* refers to samples that are collected outdoors on a community-wide basis to characterize an entire area. What we learn from this study will help us fill in recently identified data gaps in order to complete our Baseline Risk Assessment.

EPA regularly conducts extensive sampling of indoor and outdoor air in the areas where we are working. This helps ensure that workers and the public are protected during construction and that the clean up meets air standards.

The existing outdoor ambient air data were summarized in a report released on June 23, 2006. The report concluded that the existing data are incomplete because of a lack of seasonal and geographic representation over time, and because there are not enough data points at adequate sensitivity.

This new sampling effort will allow EPA to collect outdoor ambient air samples from a well-defined, community-wide network of samplers, over a longer period of time (at least one year-covering all seasons). Thus we can more definitively determine *if* Libby Amphibole (LA) asbestos is present in the community's air under typical, outdoor conditions.

If LA asbestos is shown to be present, the information from the sampling network would help map its location (i.e., is it localized or widespread?). Also, *if* LA asbestos is detected, the data will be used to estimate human health risks from breathing that air.

EPA is currently working with Libby property owners to install a network of dedicated air samplers that will operate during the sampling period. Sampler locations have been selected to ensure the network covers the entire community.

Each sampler will be housed in a weather-proof, metal box that is wired to the property owner's electrical system (residents will be reimbursed for the power consumed). After set up, air samples will be collected on a five-day on/five-day off schedule, using a small, electric pump that runs continuously during the "on" period. EPA will monitor the samplers regularly to ensure they are operating as planned and to collect the air samples from the device.

We will be reporting the results of the outdoor ambient air sampling to the public over its duration. For more info, you can stop by or call the EPA Information Center, at 501 Mineral Ave. (293-6194).

Published week of December 18, 2006

Superfund and You - *Cabinet View Country Club*

Responding to Reports of Vermiculite

Earlier this year, in response to a recent report of vermiculite found below the sod in a tee box, EPA conducted several sampling events at the Cabinet View Country Club (the Libby golf course) in Libby, Montana. Previously, EPA had received anecdotal reports that vermiculite was used under some of the greens, but no visible vermiculite had been identified during several EPA inspections of surface soils around the golf course.

EPA sampled the golf course's tee boxes, greens, fairways, and sand from the stockpile used for the course's bunkers. The samples results generally indicated that "trace" level contamination (<0.2%) was present in surface soils of the greens and tee boxes, but found no contamination in the sand stockpile or fairways. All sample results were <1%, which is EPA's current numerical trigger for emergency response cleanup of soil at residential and commercial properties in Libby. It is important to note that in Libby, EPA does not consider 1% a "safe" level of asbestos in soils, but it is currently being used to help determine which residential and commercial areas are the highest priorities for cleanup.

Identifying the Risk

EPA's primary concerns lie with groundskeepers at the golf course that would frequently mow the grass or conduct aeration or other aggressive grounds maintenance activities. In order to understand the potential impacts to golf course users and as part of EPA's Remedial Investigation activities for this summer, personal air samples were collected from groundskeepers while they conducted activities such as aerating, sweeping and sanding. Some of these sample results indicated asbestos concentrations in the air during aggressive grounds keeping activities. However, these concentrations are below a level

of concern in soil and air that is currently being addressed in Libby through the Emergency Response authority under Superfund.

Long-Term Cleanup Strategy

EPA is working toward publishing a Proposed Plan that includes our long-term strategy for cleanup. Once the final cleanup remedy for the Libby site has been selected the issues at the Cabinet View Country Club will be addressed.

Until that time, while we have verified the presence of Libby asbestos in the tees boxes and greens of the golf course, EPA does not feel the levels present warrant immediate response or other restrictive actions. Users of the golf course should be aware of the presence of contamination, and we will work with the Cabinet View Country Club to ensure this occurs.

Questions?

For more information, you can stop by or call the EPA Information Center, at 501 Mineral Avenue (406-293-6194). The Information Center is a great resource if you have questions or would like to review information about the site.

Published July 31, 2005

Superfund and You - *Residential Cleanup Status Letters*

For the last several years, EPA has been working to remove sources of Libby Amphibole asbestos (LA) in residential interiors and exteriors and to conduct post-removal restoration of those properties. We have completed removal and restoration work (“clean ups”) at about 800 Libby properties and have a target of 160 clean ups in 2007. We are working our way through the remaining clean ups on the basis of specific property information, incorporating geographical criteria and owner availability.

All Libby properties that have not yet been cleaned up are grouped into one of three categories based on sampling results and inspections. These categories are:

- **not on cleanup list** – no visual LA sources and no positive soil sample results
- **on cleanup list** – visual LA or sample results are above preliminary removal criteria
- **not currently on cleanup list** - no visual LA and sample results are positive, but are below preliminary removal criteria

In the future, some properties on the third list may be moved to the cleanup list if the final cleanup action level is set lower than the preliminary removal criteria. Also, a

substantially lower action level may require that EPA return to some already-cleaned properties to conduct additional work. That is the trade off we made in acting to reduce exposures as quickly as possible. We believe it was – and is - the right thing to do, because it allowed us to immediately reduce exposure levels (beginning in 2001) without waiting until final cleanup decisions were made.

The decision on the final cleanup action level will be made by EPA in the Record of Decision after the completion of several documents (including the remedial investigation, risk assessment, and feasibility study). We anticipate that this will not occur before 2009.

EPA recently sent out a letter to all residents in each of the three categories (who have not yet had cleanups completed). The letter is intended to update their cleanup status and to provide more details about their respective category.

For more information about these cleanup status letters, you can visit or call the EPA Information Center at 501 Mineral Ave. (293-6194). Residents are also encouraged to learn more about the site by attending monthly Community Advisory Group or Technical Assistance Group meetings. The dates and times are announced in the papers in advance.

Superfund and You - *EPA Needs Your Help*

A critical component of EPA's residential asbestos clean-up strategy is follow-up testing to ensure long-term protectiveness. To do this, EPA needs to return to homes where removals were done and conduct specific testing of the air while performing activities that simulate what a typical resident would do in a home. This testing is called Activity Based Sampling (ABS), and it is vital to the success of EPA's work in Libby. Homes where no work was done are also needed for statistical comparison.

How many volunteers are needed?

A lot! Optimally, we need about 80 volunteers.

What will be done in my home?

Testing is very non-invasive. Air samples will be taken indoors while EPA's contractors vacuum, dust, sweep, etc. Samples are also taken outdoors while they mow the lawn or dig in the garden.

What do I have to do?

Nothing is required of participants, other than being out of their homes during the testing. The only thing residents should notice is the positive benefit of extra vacuuming, dusting, lawn mowing, etc.!

How long does it last?

ABS testing is done during the day for four sampling events over approximately a one-year period. Each event will last for two to three days.

Do I have to relocate?

No, you just have to be gone during the day. However, because it is easier and more efficient for us if you are gone for the entire testing period, we will pay your allowable hotel and meal expenses – if you choose to relocate during the 3-day testing period. For many people, this could be a great opportunity to go visit friends or family or to take a “mini-vacation” with some great financial assistance.

Why should I participate?

EPA needs the help of local citizens to make this critical sampling program a success! The data we obtain will help us evaluate the long-term effectiveness of our cleanup strategy, which will help ensure that Libby continues to be a safer and safer place to live over the long-term. We know that participating can be an inconvenience, but you will be playing an important role in helping your community.

Who do I contact?

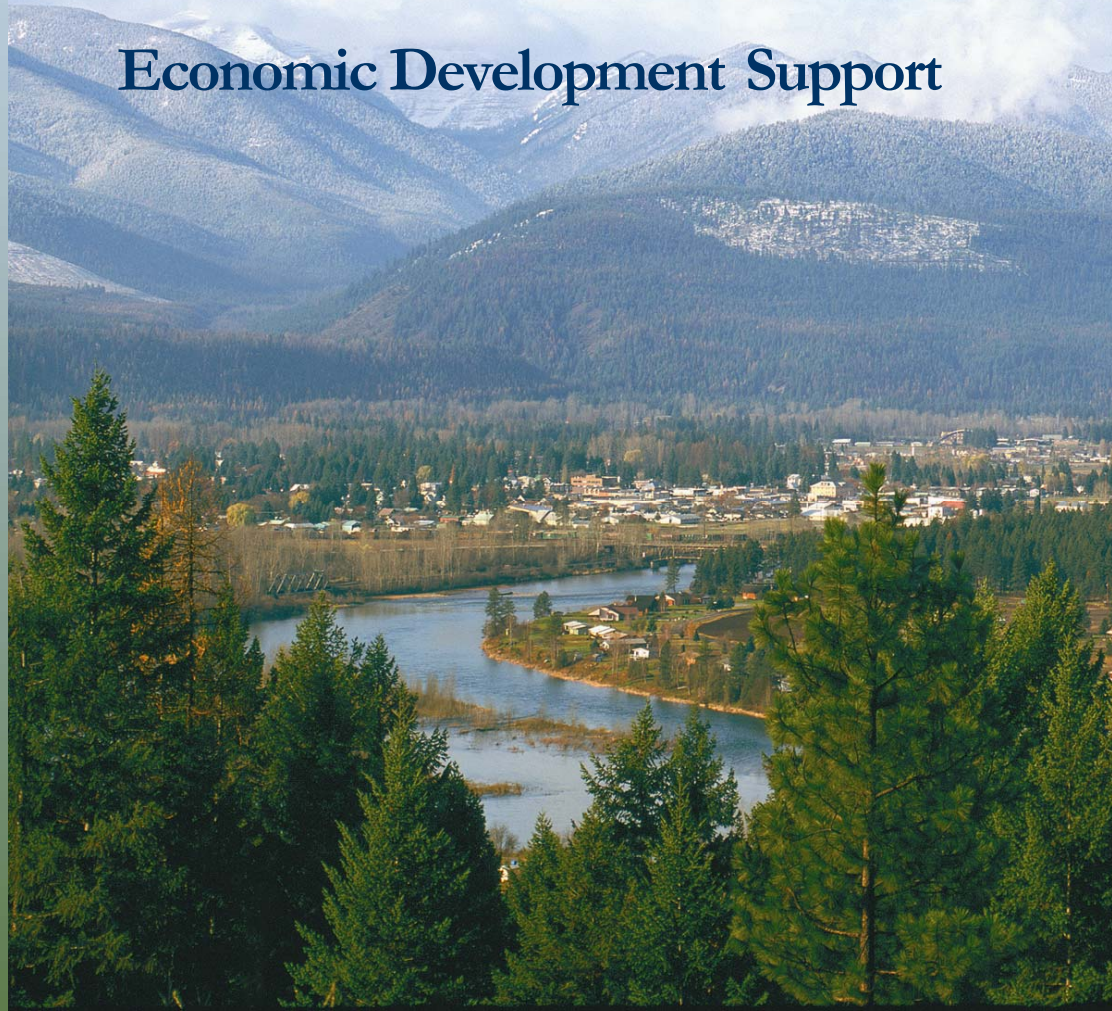
If you are willing to participate, or just need more information on the details or options for a “mini-vacation”, you can stop by or call the EPA Information Center, at 501 Mineral Ave. (406) 293-6194.

F.6 Redevelopment Brochure



Investing in Libby's Future

Economic Development Support



Libby Asbestos Site

Libby, Montana



A Few Words about Economic Development and Superfund

EPA's primary responsibility at Superfund sites is to protect human health and the environment. However, the Superfund program does more than clean up hazardous waste sites. It also works to make those sites productive parts of the community again. EPA recognizes that many communities at or near Superfund sites are economically impacted. Similarly, Superfund cleanups may have a temporary effect on a community's economic health.

EPA's Superfund Redevelopment Program helps communities return sites to safe and productive uses. In the process, EPA is committed to working with communities and other partners in considering future use opportunities and integrating appropriate reuse options into the cleanup process. EPA can also stimulate positive impacts through the cleanup, ensure that cleanup money is spent locally, and integrate cleanup options in a manner consistent with local land use plans.

At the Libby Asbestos Site, we've done our best to recognize and be sensitive to the unique concerns and needs of all residents while maintaining an aggressive cleanup schedule. We've looked for opportunities to work with residents; businesses; community groups; local, State, and Federal elected officials; and other stakeholders to identify ways that the investigation and remediation work can also serve to advance economic development in the community. This brochure highlights some of the actions we've taken to help Lincoln County's *economic* health. These actions include not only the direct financial assistance normally associated with economic development, but a myriad of other actions we've taken that help the community's image and financial bottom line. These efforts, while often unnoticed, require significant effort and resources.

We hope to continue helping make Lincoln County a safe and prosperous place to live and visit.



Libby high school track after cleanup and restoration



Screening Plant after cleanup



Promoting Economic Development

The Need

Libby residents and the business community felt that an economic development event of some kind was needed to jump-start the many opportunities for economic development that have been envisioned and started, but stalled for a variety of reasons. These opportunities needed to be restarted and nurtured at a grassroots level to be implemented successfully.



Workshop ad

EPA's Response - Economic Revitalization Workshops and Targeted Meetings

In response to this need, EPA facilitated and financially sponsored two very successful economic revitalization workshops in 2003 and a series of information meetings in 2005.

Dream It. Do It! April 2003

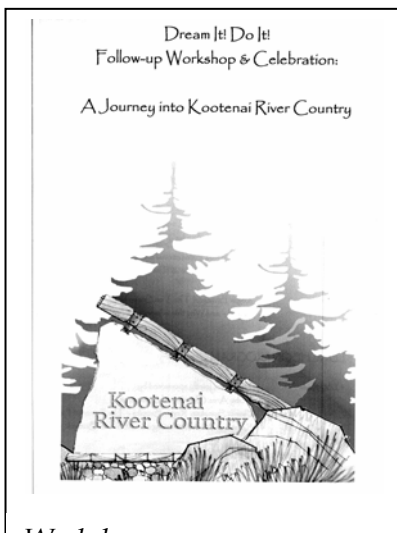
EPA funded and facilitated organization of the three-day *Dream It. Do It!* workshop. Local government, economic development groups, and citizens actively participated in identifying and obtaining speakers. There were 12 professionally-facilitated sessions, more than 30 speakers, and 220 attendees (including Senator Conrad Burns, Representative Dennis Rehberg, and nationally-known redevelopment speaker, Roger Brooks). Portions of the workshop were carried live on local radio.

Dream It. Do It! II - November, 2003

The community response to the original workshop was so positive that local economic revitalization groups organized and EPA financially sponsored a follow up event. This successful one-day workshop featured a return visit by Roger Brooks, an inspiring speaker on redevelopment, talking about developing a brand and marketing the town. More than 100 community members attended the workshop. The dynamic format involved all who attended and focused on the status of the Downtown Revitalization, Gateway Signs, Aquatic Center, Education, the Port Authority, the Stimson Mill, and Fiber Optics.

Informational Meetings for Target Groups

EPA held meetings targeted to specific business sectors and professions, beginning in April 2005, to discuss how Superfund cleanup may impact them. To date, meetings have been held for the real estate community (realtors, mortgage lenders, and appraisers) and for local contractors (general construction, electricians, plumbers, roofers, etc.). Additional meetings are planned for other groups. The location, timing, and format of the meetings have been tailored to the needs of the audience.



Workshop program

Results

The response to these workshops and meetings from the local community was very encouraging. For example:



Gateway sign with brand name

- The workshops received positive press in the local media and an upbeat response from citizens.
- The Lincoln County Tourism Coalition was formed to spearhead future efforts. They have since received non-profit status. Their mission statement is *Enhancing tourism for Lincoln County through education, promotion, and infrastructure*. They attended the last two Governor's conferences on tourism.
- A brand name was developed for the Lincoln County area – *Kootenai River Country*, and the tag line for that brand is *Montana's Great Northwest – Rich, Rare, and Remote*. These will be used to market the area. "Gateway Signs" with the brand name are now in place.
- Networking relationships were developed between locals with similar redevelopment interests and experts that could provide advice.
- Groups which had previously been unaligned came together to work for a common goal of improving the area's economy. These include: snowmobilers, ATV enthusiasts, motorcyclists, and back country horsemen.
- A group composed primarily of downtown business people, *Libby Revitalization, Inc.*, is working on a "Streetscape Project" to improve and enhance the downtown area of Libby.
- Attendance was good for both the real estate and contractor's meetings.



Libby Revitalization streetscape



Western News story after revitalization workshop



Promoting Redevelopment

The Need

The former Stimson Mill site on the east side of Libby is a large, well-sited property that has the potential to house Libby business tenants, bring in local revenue, be a recreation area, and be a source of pride for the community. A comprehensive assessment of the potentially contaminated area was needed to allow Lincoln County to safely pursue redevelopment of the property.

EPA's Response - Port Authority Cooperative Agreement, 2004 - 2005

In response, EPA signed a Cooperative Agreement with the Lincoln County Port Authority to provide \$50,000 for land-use planning at the former Stimson Mill property. The agreement is active until late 2005 and was intended to facilitate development of a site plan that would "encourage productive and non-conflicting development of the diverse landscape."



Former Stimson Mill site

Land-use planning work was split into phases to provide market evaluation, engineering assessment, and site design services within the agreement:

- **Phase 1:** Environmental sampling data collection relevant to the area and property, a site and community tour, and selected local interviews
- **Phase 2:** Assessment of site infrastructure (water, sewer, etc.)
- **Phase 3:** Assessment of existing facilities, structural engineering work, electrical and plumbing, fire inspection, etc.
- **Phase 4:** Physical site assessment, land use planning, and cost estimate
- **Phase 5:** Marketing plan and potential funding sources

The Results

- The Port Authority's consultant has collected information and future land-use plans are being evaluated. Community meetings have been held to discuss findings and recommendations.
- Land-use plans for Stimson are evolving. The Port Authority was able to notify EPA in advance of several events planned for the area.
- EPA provided high-resolution aerial photographs of Libby to Lincoln County for future land-use planning and for other initiatives.
- Reasonably anticipated future land-uses for Stimson will be considered by EPA and incorporated into our long-term cleanup decisions. This will help ensure the cleanup is not restrictive of future land uses.



Helping Businesses with Clean Up

The Need

Before clean up of local businesses began, the business community was concerned about how cleanup events at their properties would affect their business. Their biggest concern was the fear of severe economic hardship if cleanups happened during the peak tourist seasons or other high-profit seasons, took too long, or drove away potential customers.

EPA's Response - Proactive Assistance for Business Owners



Businesses on Mineral Avenue



Individual CIC Support

- EPA developed a proactive assistance program for businesses scheduled for remediation.
- EPA regularly meets with business owners who may undergo clean up.
- EPA listens to their concerns and works to limit any impacts.
- When businesses are scheduled for clean up, EPA will schedule at the owner's convenience, wherever possible.
- EPA's support includes a dedicated Community Involvement Coordinator (CIC) committed to business cleanups whose job is to facilitate the remediation. The CIC is responsible for conducting all relocation and pre- and post-construction meetings, gathering information from owners and tenants, advising owners of relocation arrangements, answering questions, and coordinating solutions to issues that arise during and after remediation. Their primary objective is to help the business owner through the process and work to limit impacts on the business.

The Results

Business cleanups started in 2005, and EPA realizes that these cleanups are a hardship for local businesses. It is difficult to predict how the program will improve over time. However, EPA has received feedback from the business community based on initial meetings with business owners. This feedback indicates that the implemented procedures will help to ease concerns, identify problems in advance so they can be corrected, and build goodwill within the



Supporting the Real Estate Community

The Need

Libby leaders and the real estate community were concerned that the investigation and cleanup work being done by EPA would slow or stop home sales, make appraisals cumbersome, and make financing more difficult, if not impossible to obtain. Residents felt that new homebuyers would be scared of buying property in Libby and home values would plummet. The community wanted assistance from EPA to prevent or minimize these potential problems.

EPA's Response - A Multi-Phased Assistance Approach

In response to this need, EPA developed a multi-phased assistance approach for the real estate community.



Local real estate office

"Comfort Letters" for Residents

EPA has written hundreds of "comfort letters" to support real estate transactions. These letters describe the work that will be done at the property in question and assure the buyer that clean up will occur at no cost to them.

Homebuyers, appraisers, and mortgage lenders have found these letters to be extremely useful in answering some of the uncertainties associated with a Superfund cleanup. When requested, EPA has talked with loan officers, appraisers, potential buyers, etc. to provide the additional information necessary to complete mortgage transactions.



Mortgage Lending Meeting, November 2001

EPA arranged for representatives of federal mortgage insurers, lenders and loan underwriters to attend meetings in Libby, make presentations about what they look for in loan packages and answer the community's questions about effects of Superfund designation on real estate transactions.

Priority Sampling to Accommodate Pending Sales

EPA makes the sampling of properties pending sale a priority, and we regularly adjust our schedules to accommodate these requests. We've also worked with local real estate professionals to develop a system for getting sampling information to the right parties without violating privacy concerns.

Real Estate Meeting, April 2005

EPA held a half-day meeting tailored to the needs and concerns of the real estate community. Realtors, mortgage, lenders, and appraisers in Troy and Libby and members of the Northwest Montana Realtors Association were also invited to attend. The topics included: lender liability, “comfort letters”, disclosure to buyers and renters, general cleanup issues, and upcoming events and process.

Eighteen real estate professionals from the Libby and Troy area attended the meeting. The interaction was productive for the real estate professionals and for EPA. We identified several additional actions we can take to facilitate smooth real estate transactions.

The Results

The results of this proactive assistance program show that real estate sales are robust and transactions do not appear to be unduly hampered by cleanup issues. Real estate professional (including realtors, bankers, and appraisers) are better educated on the asbestos issues and are much more confident:

- Sales of commercial, multi-family, residential, and land in Libby increased from 139 (\$11 million) in 2002 to 223 (\$17 million) in 2004 – an increase of over 60%.
- In its October 30, 2004 issue, the *Western News* reported that Libby Board of Realtors stated that “Libby-Troy area real estate agents are enjoying the best market in several years.”
- Appraisal reports are reasonable in their assessment of the cleanup’s effect on the local market. A 2004 appraisal stated, “The market appears to be stable even with consideration to the EPA’s Superfund designation concerning asbestos” and “There is no evidence from the marketplace that prices have had a negative affect from the Superfund designation.”
- The real estate community has expressed its gratitude to EPA about the workshops tailored to their needs.





Erasing the Stigma – Supporting the Town

The Need

The community was concerned that the Superfund designation was a stigma from which Libby could not recover. EPA needed to take measures to educate the community, visitors, and potential investors about the true scope of risks and the work that was being done to address them.



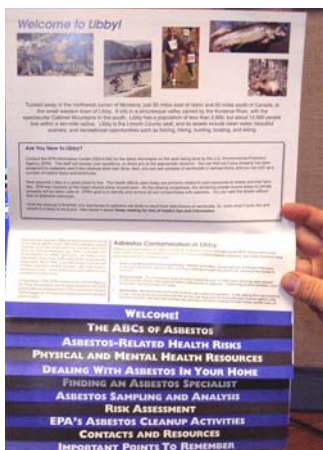
Libby, Montana

EPA's Response – Reaching out to the Community

EPA has consistently tried to be very balanced when dealing with asbestos risk. We are careful to explain the risks, without creating undue fear in the community and those interested in visiting. We have worked to educate and communicate in order to present accurate information and limit the stigma associated with Superfund and asbestos at Libby. With few exceptions, media contact is rarely initiated and is virtually always positive. We put a “welcome to Libby” message out. EPA is committed to making sure the people of Libby have access to the information they need about the site.

Libby-Friendly Website and Brochure

Because those interested in visiting or moving to Libby are likely to investigate Libby on the internet, EPA developed a Libby-friendly, Superfund website that is user-friendly and presents not just cleanup information, but the positive attributes that Libby has to offer (see contacts page for website). The website is based on a brochure EPA developed as a community resource. The 12-page brochure covers a variety of topics related to asbestos and the cleanup in Libby. It presents risks in an objective manner. It shows that, while there is contamination in Libby, it is being addressed, and Libby is a great place to live.



Asbestos brochure

EPA's Local Information Center

EPA's local Information Center at 501 Mineral Avenue is a resource for the community and visitors who need information on EPA's work in Libby, either in general or as it relates to their property. Residents can read documents, pick up copies of brochures, check the cleanup schedule, and meet with EPA staff.

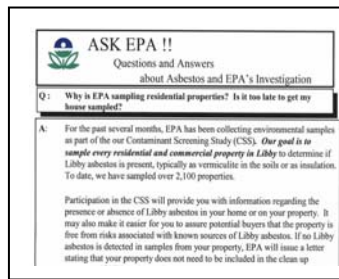
Because the Information Center is located in the downtown area, the exterior appearance in compliance with the spirit of the town's historic architecture has been complimented. The Libby Information Center has been praised for its appearance, with the EPA hanging sign as an example of the type of building that fits the downtown.



EPA Information Center



Assisting the public



Q&A Ads

Community Education and Outreach

EPA puts significant effort into developing tools to help the public understand the asbestos-related risk and the Superfund activities in the Libby area. We look for ways to increase awareness, so that people understand the risks, but still know that Libby is a great place to live. Examples of this educational outreach include:

- Sponsorship of two conferences on asbestos risk issues these events provided information and promoted discussion on public health issues related to asbestos and drew attendees from agencies, the public, and private sector industry. EPA also conducted targeted informational meetings, public meetings, and workshops.
- Financial support of the Community Advisory Group (CAG) and Technical Assistance Group (TAG) and a special two-day TAG education workshop in Denver.
- Placement of question and answer (Q&A) format ads in the local papers and broadcast locally to address concerns and questions and a monthly “Superfund and You” column in local papers to inform people of timely process and technical issues
- Preparation of numerous topic-specific fact sheets (mailed to the entire community), production of a cleanup video that explains the cleanup process to residents, and preparation of customized information packets to explain the cleanup and relocation processes to residents.

The Results

The results of this effort to educate and communicate are evidenced by:

- High satisfaction ratings in community surveys (almost 80% of respondents to a recent survey mailed to the entire community said that EPA was doing a satisfactory or very good job).
- A favorable view of fact sheets, direct mailings, newspaper ads, and articles as a method of obtaining information on the project. Most of the respondents of a recent community-wide survey indicated that these were the information transfer methods they preferred.
- Invitations to speak at group/community meetings. An examples is a presentation to the local Rotary Club during their lunchtime meeting.



Meetings with residents



Responding to Immediate Concerns

The Need

The Libby Asbestos Project is extremely dynamic. Given the complexity of site issues and diversity of opinions, it is impossible to predict all potential problems. EPA strives to be flexible and to react to special concerns as we encounter them.

EPA's Response

EPA has accommodated numerous immediate and special concerns while still keeping the cleanup on track. The concerns have arisen from local government, local business, and local residents. They include:

- Libby Contaminant Screening Study (CSS) in 2003 was the largest single season sampling event in EPA history (~4,200 properties)
- EPA cleanup is now approaching 200 properties per year
- Sampling the proposed motocross track to facilitate use of former Stimson Mill
- Support of City of Libby Johnson Acres water/sewer project
- Prioritized clean up of J. Neils Park
- Rapid clean up of Libby boat ramp area during conversion to public park
- Restoration of school tracks and ice rinks
- Respirators and decontamination facilities supplied to firefighters during 2nd Hand Store fire
- Sampling of fire fighters to prevent unknowing transfer of asbestos contamination
- Clean up of schools on a priority basis
- Prioritized sampling of properties pending sale
- HEPA vacuums provided free of charge to local schools



Libby field team

The Results

- The Libby cleanup was able to move more quickly and effectively using the data from the CSS, and faster cleanups lead to streamlined real estate transactions and peace of mind for residents and business owners.
- There were no, or very limited, closures of public areas. Events in public areas, such as the motocross and J. Neils Park, were held as planned and provided important recreational dollars.
- Construction efforts, such as improvements to the City boat ramp and public park were completed in less than a year – despite contamination that was discovered during construction - with no loss of grant money to the City. The Johnson Acres project is being constructed with little increase in project cost due to asbestos concerns.



Doing Business in Libby

The Need

The community was interested in supporting the cleanup program and providing opportunities to local businesses. They wanted EPA to make an effort to spend money and hire locally, wherever possible. Governor Martz made this a specific request when Libby was proposed for the Superfund list.



Local business

EPA's Response - Maximize Dollars Locally

Wherever possible, EPA has made a concerted effort to spend money locally - within the constraints of the federal procurement regulations, financial limitations, and project needs. EPA estimates that approximately \$8 million per year was spent locally in 2003 and 2004. We expect similar expenditures for the next several years.

Spending Locally

The Libby project contributes considerably to the local economy in many ways, including:

- salaries paid to local workers
- personal purchases (such as groceries, clothes, gas, rent, etc.) by workers
- personal use of local services by the project team (doctors, dentists, veterinarians, taxidermists, etc.)
- project purchases (equipment and supplies)
- project rentals (buildings, furniture, equipment, etc.)
- patronage of local services (restaurants, bars, movie theater, newspapers)
- property and income taxes
- rental of local vehicles for the field team
- local housing (home rental and hotels)

Wherever possible, EPA's contractors and subcontractors shop locally to support the Libby area economy.



Local business



Local business



Local business



Local worker



Hiring Locally

While EPA cannot require our contractors to hire locally, we encourage them to use local labor and contractors whenever appropriate. Our contractors have been very responsive to this request. Approximately 40 to 70 direct local hires have worked on the project each year since 2001. Available jobs are listed through the Kootenai Job Service so that the community is always aware of employment opportunities on the project.

Much of the work that is done on the Libby project is specialized and technical. Federal contracting processes are very specific and require EPA to use contractors that have been through a rigorous selection process. As of September 2005, the Libby field team included 86 people, 65 of whom were local hires. These included Volpe (1 total); the construction oversight contractor, CDM (29 total, 13 local hires); and the construction contractors ER (47 total, 45 local hires) and MCS (9 total, 7 local hires).

Supporting the Port Authority

EPA prioritized the cleanup of the Stimson Central Maintenance Building to support the redevelopment goals of the Port Authority. EPA's contractor, CDM, consolidated their operations by moving from several temporary structures into a single office space at the Stimson property. The long-term lease of this property supports the redevelopment goals of the Port Authority and sets the example that this property is safe for use.

Supporting Local Health Care

EPA consistently lobbies for health-care services to be provided locally. We've supported the Center for Asbestos Related Disease (CARD clinic) since its inception, providing equipment as well as financial and technical assistance. We provided equipment to St. John's Lutheran Hospital and compensated them for parking space our contractor utilized for a local office.

The Results

The positive results of this effort to spend and hire locally are:

- Support of the local economy through influx of project money.
- Enhanced relationship between the project team and the citizens of Libby.
- Development of a local workforce that helps to support the local economy and control project costs.
- Promotion of redevelopment of valuable, but formerly undesirable, land.
- Support of the CARD clinic as it grows into a critical health care facility and potential research center.



Being Part of the Community

The Need

Contracting limitations, the technical nature of the cleanup, and concerns regarding asbestos liability mean that many key EPA field team members are not from Libby. There was a concern in the community that EPA's contractors were not part of the local community, did not interact with the community, and did not share their values or concerns.

EPA's Response

Most of our contractors live in Libby, either year-round or on a seasonal basis. They attend local churches, shop at local stores, and recreate nearby. Their children attend local schools. Because this is their home, too, they are concerned about the community and lend a helping hand to make Libby a better place. The following are just a few examples of that outreach to the community.

- Contractor fundraiser for the CARD clinic/ E:ABC's documentary
- Troy Easter egg hunt
- Annual VFW flag program
- Canned food drive to benefit the food pantry
- Wings - Lincoln Co. cancer support fund
- Kootenai Pets for Life - raffle support
- St. Johns Lutheran Hospital health fair
- Sponsorship of "Libby Bucks" through the Chamber of Commerce
- Support for breast cancer awareness
- St. Johns Lutheran Hospital run/walk
- Libby aerial print and framing to Libby asbestos fair
- The Libby High School cell phone/ink cartridge fundraiser
- CPR class via Dave Thompson Search and Rescue to raise funds for them
- EPA vs. girls softball team - helped generate money for team trip to the national tournament in Wisconsin by playing a softball game against them; money for runs!
- "Close Up" raffle tickets to support LHS students' trip to Washington D.C.
- Libby Rotary Club - donations via silent auction items



CDM employees presenting a check at CARD fundraiser

The Results

The result of this connection to the community is that our contractors and subcontractors are more aware of the issues and concerns facing residents and are better able to respond to them. Also, the local community is better able to understand and trust the people working on this project. Cleanup workers and companies have donated thousands of dollars to local charities and organizations.



A Safe and Thorough Clean Up

Despite technical, scientific, administrative and financial challenges, we are working to complete a safe, thorough cleanup in an efficient, rapid manner. *That* is our #1 priority, and it is the best thing we can do for Libby – from either a public health or an economic standpoint. We are on track to complete the entire clean up in Libby in a matter of years.

Approximately 10% of the nation's entire Superfund cleanup budget was dedicated to the Libby Asbestos Site during both 2003 and 2004. We will continue to devote the vast majority of our resources toward completing a safe, rapid, and scientifically defensible cleanup in Libby and Troy.

EPA has worked to limit the impacts of the investigation and clean up in Libby. We've also provided some limited financial assistance, when appropriate. While there will continue to be challenges and setbacks, the benefits of our past and present efforts are beginning to become evident in brisk real estate sales, local initiatives coming to fruition, solvent local businesses, new tourism developments, and less negative press regarding Libby – the opposite of what was expected a few years ago. We will continue to look for opportunities to help Lincoln County's image and financial bottom line, while working to complete the cleanup and remove areas from the Superfund list as quickly as possible.





Local bumper sticker

**If you have any questions or concerns,
please call the EPA Information Center at 293-6194
or visit us at 501 Mineral Avenue, Libby, Montana.**

F.7 Residential Relocation Information

Pre-Cleanup Residential Information Packet



*Information for Libby Residents
Who Will Have Indoor and/or
Outdoor Asbestos Cleanup at
Their Property*

Do You Have Questions?

Please call your on-site Community Involvement Coordinator. The phone number is on the business card stapled to the inside of this packet.

For additional assistance, you may also call or visit the EPA Information Center in Libby at 501 Mineral Avenue (293-6194).



U.S. Environmental Protection Agency, Region 8

Asbestos Cleanup and Restoration of Your Property

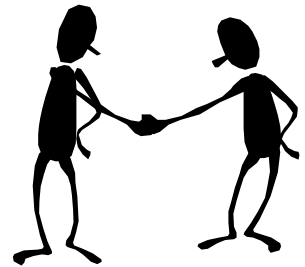
Your property was sampled as part of EPA's Contaminant Screening Study. The results of that sampling and visual inspection indicate that vermiculite is present and should be removed. Libby asbestos may be present in your home's interior, in your attic or walls in insulation, and/or in your yard, garden, flowerbed, or driveway as a soil amendment or fill material.

Both the cleanup of asbestos and the restoration of your property are being conducted under EPA's Residential Cleanup Program. As a voluntary participant in this program, you will be temporarily relocated while EPA's contractors remove the accessible vermiculite from your home's interior. In most homes, this is limited to the attic area, but may occasionally include other areas. Outside, the vermiculite is often in gardens or yards and removal of soil is necessary.

The specifics of the cleanup and restoration of your property, along with the anticipated schedule, will be discussed in detail with you at a pre-construction meeting. You will have the opportunity to provide information and suggestions at that meeting.

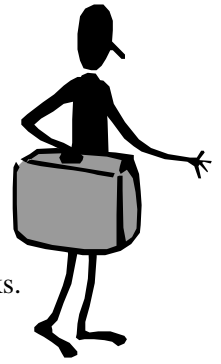
The following handouts provide details of the relocation itself, including:

- *What Choices Do I Have For Temporary Relocation?*
- *What about Meals and Other Expenses?*
- *What Do I Do With My Pets While I Am Away?*
- *How Do I Get Reimbursed for My Expenses?*
- *Some Important Reminders...*



EPA knows that relocation can be difficult, and we will do our best to minimize the disruption to you and your family. If you have questions about the cleanup work, please call EPA's on-site Community Involvement Coordinator (CIC) at the phone number on the business card stapled to the cover of this packet. Please leave a message if you do not reach someone in person.

What Choices Do I Have for Temporary Relocation?



As a participant in the residential cleanups, you may be away from your home for one or more weeks. You have several options for temporary relocation during that time period. EPA will pay for whichever option is the easiest for you, following the guidelines outlined below.

- **Staying in a Libby Motel.** EPA has a contract at the Sandman Motel and Venture Inn in Libby. If you stay at either of these motels, you will have no out of pocket expenses for lodging. The motel you will be assigned will be based on the number of people in your family that are being relocated. Families of one or two people will be assigned to the Venture Inn, while families of three or more people will be assigned to the Sandman. The Venture Inn has standard rooms. Each room at the Sandman is equipped with a microwave and a refrigerator.
- **Staying in Another Hotel.** If you want to stay in another Libby hotel or in another city during your relocation, EPA will pay up to a maximum of \$70 per night (the government rate allowed for Libby). If your hotel is more expensive, you must pay the difference. Allowable hotel taxes are based on the \$70 maximum per night rate or will be reimbursed in full for amounts less than \$70 per night. To get reimbursed for your stay, you need to submit your receipt to EPA (see the handout *How Do I Get Reimbursed*) after your return.
- **Renting a Local House.** If you know of a local rental house or apartment that you would like to stay in, please let the CIC know right away. EPA will pay up to a maximum of \$70 per night (the government rate allowed for Libby). To get reimbursed, you need to make prior arrangements with the CIC and submit receipts after your stay.
- **Staying with a Friend or Relative.** You may choose to stay with a friend or relative, either in Libby or another city. However, government accounting rules do not allow you to receive a lodging payment for this.
- **Staying in an RV Park.** You may also stay in an RV park during your relocation. If you choose this option, you will be reimbursed for lodging expenses, up to the \$70 per day maximum. These expenses include: parking fees, fees for connections, use and disconnection of utilities, electricity, gas (for stoves or heat, not for traveling), water and sewage, bath or shower fees and dumping fees.

Miscellaneous Guidelines

- **Flexibility.** Cleanup schedules are variable and residents must be cautious when making out-of-town reservations. Residents must make sure that rooms can be cancelled without additional charges because **the resident will only be reimbursed for lodging and per diem costs incurred during EPA's activities.** The government will not reimburse down payments made on out-of-town hotel rooms.
- **Contact Numbers.** Relocated residents must leave a contact number if they leave Libby. The government will keep these residents informed, as needed, of the project schedules affecting their relocation.
- **Return to Property.** For their own safety, residents who are relocated are NOT allowed to return to their property unless given permission by a government representative. If the resident returns to their property without prior approval, their relocation agreement with the government will be nullified.
- **Other Costs.** Other lodging costs (such as long distance telephone calls, pay-per-view movies, etc.) are your responsibility and will **NOT** be paid by EPA. Please refer to the handout *What About Meals and Other Expenses* for details on expenses that will be reimbursed.

Questions?

It is very important to let us know which option you would like. You can either tell us when we interview you, or you can call the on-site Community Involvement Coordinator at the phone number on the business card stapled to the cover of this packet. Please leave a message if you do not reach someone in person.

***Note:** You will be liable for damage to hotel rooms. EPA will NOT reimburse you for this.*

What about Meals and Other Expenses?



Because you will be away from your home until cleanup is complete, EPA will pay you a daily allotment to cover your meals and incidental expenses during that period. EPA will also pay several other expenses, as outlined below. You will be reimbursed **after** you return to your home. Please follow the instructions outlined in *How Do I Get Reimbursed for My Expenses* in this packet.

Daily Allotment for Meals and Incidental Expenses (per diem)

During your relocation, you will be paid a daily allotment at a standard government rate to cover your meals and incidental expenses. That rate is based on the location (Lincoln County) and the age of the person (adult or child).

The reimbursement rates for meals and incidental expenses are:

Family Member	Total Daily Rate
Adult	\$39
Children younger than 12 (50%)	\$19.50

You do not have to provide receipts to show your actual expenses for meals. Please note that government regulations require that reimbursement for the first and final days of relocation is made at 75% of the normal reimbursement rate.

Other Expenses

In addition to the above, EPA will also reimburse you for certain allowable expenses such as:

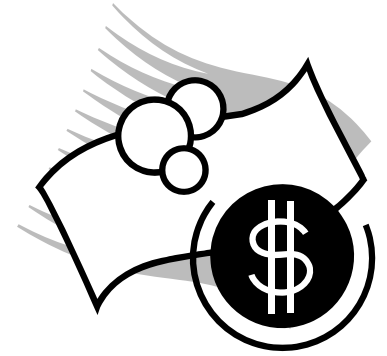
- **Laundry.** If you have a washer/dryer at your home, you will be reimbursed for laundry but you must provide receipts. Allowable laundry charges are one load every four days for one to two people or \$5 per week for a household of more than two people. Additional laundry costs will not be reimbursed unless approved in advance.
- **Phone calls.** Certain rules apply. Ask the Community Involvement Coordinator (CIC) about allowable phone calls.
- **Mileage.** Only under special circumstances. Ask the CIC about for rules and prior approval.

Any other expenses must be pre-approved by the CIC

Questions?

If you have any questions, call the on-site CIC at the phone number on the business card stapled to the cover of this packet. Please leave a message if you do not reach someone in person.

How Do I Get Reimbursed for My Expenses?



You will be eligible for reimbursement of lodging, meals, kenneling, and other incidental expenses incurred while you are out of your home. Before you are relocated, the Community Involvement Coordinator (CIC) will work with you to complete the forms necessary for you to be reimbursed.

The information we will need includes:

- Your **name, address, and social security number** (necessary for payment by government check).
- **Deposit information** for your checking or savings account to allow direct deposit (if you agree).
- The **location** where you stayed (a receipt is required for a non-contracted motel or a RV park). A copy of a lease agreement is also required if you are renting a house, apartment, or cabin during your relocation AND this arrangement must be **AGREED UPON WITH EPA IN ADVANCE**.
- The **number and ages** of people who were relocated.
- The **number of rooms** provided and the identification of people in each room.
- The **dates** you were required to be relocated because of EPA's activities.
- The **times** you left your home and were authorized by EPA to return.
- Any **kenneling costs** (receipts required).
- Receipts for any other **incidental expenses** (with advance approval only).

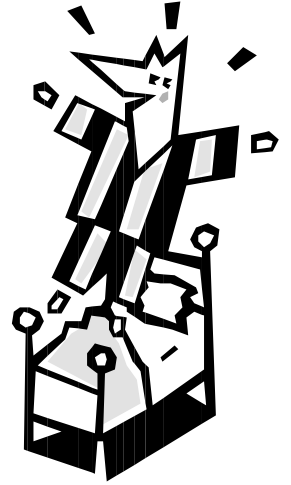
You will be reimbursed, by government check, for the total amount of allowable expenses incurred. Our goal is to issue a check to you within 30 days of submittal of your expenses to EPA. Signing up for direct deposit of your expense check helps speed reimbursement.



Questions?

If you have any questions about which expenses are reimbursable, please call the on-site CIC at the phone number on the business card stapled to the cover of this packet. Please leave a message if you do not reach someone in person.

What Do I Do With My Pets While I Am Away?



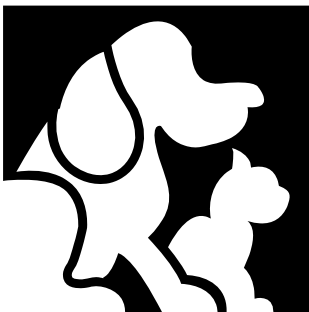
While you are relocated, it is best for your dogs and cats to be relocated also. Smaller pets such as fish, birds, gerbils, rabbits, or reptiles may be able to stay in your home. Make sure you let us know where they are and what their needs are before you leave!

There are several pet relocation options available to you:

- **Kennels**. You may pay for cats, dogs, and some other animals to be kenneled while you are relocated. EPA will reimburse you for this expense, if you submit the receipts. Spacious and clean kennel services are available from:
 - Alpha Pets, 1604 Highway 2 South, 293-3643
 - 4 Pawz, 268 Pioneer Road, 293-5746
 - The Katty Shack, 334-0409 (cats only)

***Note:** Kennels require specific vaccinations, some of which may not be included in routine immunizations. It is important that you call the kennel in advance to make sure you are able to get the required vaccinations from your veterinarian in time.*

- **Motels**. If you want to keep your pets with you, they are welcome to stay in your motel room (one pet per room). However, you may need to stay in a smoking room, and your pets cannot be left unattended. Also, the Venture Inn does not allow cats. Alpha Pets can provide day care services for \$5/day, if you need a place to leave your pet while you are away from the motel (from 10am to 5pm). EPA will reimburse you for this day care fee, if you submit the receipts.
- **Friends or Relatives**. You may choose to have your pets stay with a friend or relative. However, EPA cannot reimburse you for this.



REMEMBER

For the safety and well-being of your pet, it is very important to let us know what you will be doing with them during your relocation. Call the on-site Community Involvement Coordinator at the phone number on the business card stapled to the cover of this packet and tell her your preference. Please leave a message if you do not reach someone in person.

If you have a special situation, we can discuss it. Also, let us know how to care for your fish while you are out of the house!

Some Important Reminders...

Firearms, Explosives, and Other Weapons



For the safety of our workers and your property, all firearms, explosives, and other weapons must be **REMOVED** from the property or **PROPERLY** identified and secured before cleanup work begins. You **MUST** ensure that the CIC is made aware of the location and security provisions for any such items that remain (ex: handguns locked in a gun safe). The CIC must get approval from the project manager **IN ADVANCE** for the items to remain during cleanup. **Failure to comply with this requirement can result in NULLIFICATION OF YOUR PER DIEM AGREEMENT. If this happens, you will NOT be reimbursed for your food and living expenses!**

_____ I agree to the above (homeowner initials) _____ Date

Keys and Access



Because of equipment needs, your doors may not be able to be locked during the removal process, so a security guard will be on duty at times when no work is being conducted. If more than one house is being cleaned in a given area, the guard will do rounds from one house to another. Once restoration starts, your home will be locked when it is unattended. We will need you to provide us with an entry key for this purpose. The key will be kept in a designated, secure area.

For your own safety, you will not be allowed to return until clearance is given at your house. If you have forgotten something important (medicine, etc.), please call the CIC. We will do our best to get that item to you.

_____ I agree to the above (homeowner initials) _____ Date

Mail



At many homes, the mailbox will be inside the safety “exclusion zone”. Only those people who are working on the project will be allowed inside that zone. This means that you will need to visit the Libby post office at 518 Main Avenue prior to your relocation and arrange to have your mail delivery “put on hold”. Instead of delivering to your home, the post office will hold your mail at their building for you to pick up. Please call the post office (293-4184) for more information.

Telephone



You may want to leave an answering machine message telling people where you can be contacted while EPA is working at your home. However, the power will be shut off at times during your relocation, so your answering machine may not be able to work as planned. Alternatively, you may also want to forward your calls to where you are staying.

Garbage



EPA will not be disposing of any non-asbestos related garbage, so please make sure that you empty your trash before you leave. Please also remove perishable items from your refrigerator to avoid food spoilage during your absence.

Clutter/Housekeeping

Please pick up clothes, toys, and anything else from the floor before you leave. Please do not leave dirty dishes in the sink.

If you have any questions, call the on-site CIC at the phone number on the business card stapled to the cover of this packet. Please leave a message if you do not reach someone in person. If you still have difficulty reaching the CIC, please call the EPA Information Center in Libby (293-6194).



Understanding EPA's Residential Cleanup Process in Libby

*The clean up of residential properties in Libby is a detailed process that requires a number of visits to the property and a variety of steps once clean up begins (dependant on where the vermiculite is encountered). This flyer summarizes the visits and steps involved, in the hope that it will make the overall process easier for homeowners to understand. If you have questions, please contact your Community Involvement Coordinator (CIC) or call the **EPA Information Center (293-6194)**. Your feedback is welcomed on this flyer and on your experience with the entire cleanup process!*

Property Visits and Meetings

EPA knows that property visits and meetings can be disruptive to residents, so we purposely keep them to a minimum. Each of the five visits listed below has a specific purpose in the overall clean up. All are scheduled in advance with residents, and we do our best to honor these appointments. Unless you desire it, your presence may not be required at all visits to your property. We appreciate your patience with this process.

1. Contaminant Screening Study (CSS)

EPA inspected almost every property in Libby in 2002/2003 to look for vermiculite (inside and out) and to collect soil samples. Dust samples were also collected in homes with known contamination to determine the levels inside. The CSS information was used to place homes into three broad categories: cleanup is required, cleanup is not required, and additional information is needed. *Most CSS meetings have been completed.*

- **Interiors.** Identification of visible vermiculite, dust sampling, and photos and descriptions of the home (number of floors, etc.)
- **Exteriors.** Sampling to determine where to remove soil, photos and drawings, identification of personal items in the areas to be cleaned, and measurement of the volume of soil to be removed.

This visit will require your attendance if interior inspection is required.

2. Property/Land Survey

A property survey is required at all properties where exterior contamination has been identified. They are done by a licensed/ registered land surveyor. The information collected (e.g. property boundaries, elevation/grades, vegetation, etc.) is used for future inspection activities and to create a final cleanup design. *This meeting may not require your attendance.*

4. Field Review and Relocation Meeting

The CIC meets with the homeowner/resident in their home or the EPA Information Center to discuss:

- cleanup work to be done (the work plan)
- hotel options
- reimbursement for food
- pets, keys, and other special concerns

This meeting will require your attendance.

3. Pre-Design Inspections (PDIs)

PDIs are done to collect additional information about the properties identified by the CSS as "needing cleanup." PDI information is used to plan the clean up, estimate its length, and write the work plan for the property.

PDIs typically include:

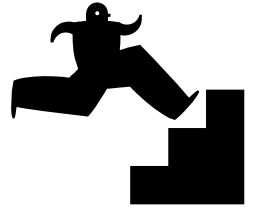
- **Attics.** Location and volume of vermiculite, attic access points, and personal items, as well as photos and drawings of the space.

5. Pre-Construction Site Walk

Representatives from the EPA and its contractors meet at the property for a chance to view the site prior to preparing a cost estimate. The CIC will meet with you at a separate time to discuss any changes to the work plan and the tentative time frame for clean up and to address any additional questions. *This visit will likely require your attendance.*

Removal and Restoration Steps

Although each property is different, there are some very basic steps that are followed in the removal of vermiculite and restoration of all properties.



Attics

There are six basic steps in removing vermiculite from attics:

1. **Mobilization.** Equipment is taken to the site. This includes barrier fencing, decontamination equipment, negative air units with HEPA filters, and plastic sheeting to seal windows and doors.
2. **Bulk Removal.** A vacuum truck and box (big blue box) are used to remove vermiculite. Material is vacuumed from the removal space to the box using the vacuum pressure of the truck.
3. **Detailing.** After bulk removal is complete, the area is “detailed” to remove any remaining small pockets of vermiculite. Detailing uses the smaller hoses from the vacuum truck and box. A clear sealant or “encapsulant” is used to seal cracks that cannot be 100% cleaned.
4. **Visual Inspection.** A visual inspection is done when detailing is complete. If more cleaning is needed, it is done until visually “clear” (no signs of contamination).
5. **Encapsulant Application.** An encapsulant is applied to the interior of the cleanup area to “lock-down” any fibers that could not be removed during clean up.
6. **Clearance Sampling.** Aggressive sampling is conducted to ensure the area meets EPA’s cleanup standards. This includes collecting five samples in the cleanup area. Sampling is called “aggressive” because leaf-blowers are used to stir the air prior to sampling.

Interior Living Space

Clean up of non-bulk, residual asbestos in the interior residential living space involves four basic steps:

1. **Mobilization.** Similar to that used for attics.
2. **Cleaning.** HEPA-vacuums and moist cloths are used to clean all horizontal surfaces. Carpets are vacuumed. No closets or drawers are opened (unless to inspect for fallen vermiculite). In most homes, items are cleaned in place.

Interior ... (cont.)

3. **Visual Inspection.** A visual inspection is conducted when cleaning is complete. If more cleaning is needed, it is redone until visually clear.
4. **Clearance Sampling.** Aggressive air sampling is done to ensure the area is free of asbestos fibers.

Exteriors

Outdoor cleanup of yards, gardens, and driveways also includes four basic steps:

1. **Mobilization.** Same as attics and interiors. Water tanks and earth moving equipment are also on site.
2. **Bulk Removal.** A vacuum truck and box and/or earth moving equipment are used to remove the soil containing the vermiculite. Soil is kept moist by watering.
3. **Visual Inspection.** Work will be inspected in the same way as for attic or interior cleanups.
4. **Clearance Sampling.** Soil samples are collected to make sure that cleanup standards are met.

Restoration

Restoration activities follow the clean up. Inside buildings, these activities may include replacing insulation in attics and other areas and repair of access holes or accidental damage. Outside, these activities can include filling excavated areas with clean soil and vegetating the disturbed areas with sod, hydroseed, replacement plants, etc.

Air Monitoring

EPA takes safety seriously. Air monitoring on asbestos cleanup workers is performed throughout the cleanup process. “Best Management Practices” (wetting of materials, negative air pressure, encapsulation, etc.) are followed at all times to ensure that the potential for asbestos fibers to become airborne is very low.

Post-Cleanup Residential Information Packet



*Follow-up Information for
Libby Residents Whose Indoor
and/or Outdoor Asbestos
Cleanup is Completed*

Do You Have Questions?

Please call your on-site Community Involvement Coordinator at the phone number on the business card stapled to the inside of this packet.

For additional assistance, you may also call or visit the EPA Information Center in Libby at 501 Mineral Avenue (293-6194).



U.S. Environmental Protection Agency, Region 8

Dear Libby Homeowner/Resident:

Thank you for your cooperation during the clean up of your property. We hope that the clean up and related activities were to your satisfaction. They required the teamwork of many highly-trained, professionals who care about the quality of their work and the level of service they provide.

This information packet contains the following materials that EPA believes will be useful to you:

- ***Libby Homeowners – Vermiculite or Asbestos In or Around Your Home or Business***– an EPA fact sheet
- ***Libby Asbestos HEPA Vacuum Cleaner Program***– an EPA fact sheet
- ***We Need Your Feedback*** – A satisfaction survey (please complete and return ASAP)
- ***Libby Area Environmental Resource Specialist flyer*** – What to do if you encounter vermiculite on your property in the future

The satisfaction survey provides an opportunity for you to tell us about your experience with the clean up and relocation (if you were relocated). We would appreciate it if you would fill it out and return it in attached the stamped, self-addressed envelope. **The information we obtain from you and other participants helps us to identify what is working well and what we might need to improve to make things easier for future participants.** You may remain anonymous, if you desire.

If you have any concerns or questions about the work at your property, please contact the Community Involvement Coordinator you were assigned to. Her phone number is on the business card stapled to the cover of this packet. The EPA Information Center (501 Mineral Avenue, 293-6194) is also a great source of information on EPA's work in Libby. We encourage you to call or visit, if you need additional information.





Libby Homeowners

Vermiculite or Asbestos In or Around Your Home or Business

EPA Information Center – 501 Mineral Avenue, Libby, MT 59923 - (406) 293-6194

October 2005



Vermiculite in Libby

Vermiculite was used in a variety of forms for decades in and around Libby homes as a soil additive, a lightweight aggregate for concrete, and attic insulation, among other things.

If vermiculite is present, it may contain Libby asbestos. It will take several years to complete the cleanup and people may encounter vermiculite during that time. Vermiculite will continue to be discovered from time to time long into the future, even after cleanup by the EPA. It is not possible for EPA to remove *all* the contaminated vermiculite. Vermiculite may be left in sealed walls, home foundations, and other relatively inaccessible areas.

Some encounters with vermiculite will be small and may include:

- **minor renovations** - removing old carpets, installing ceiling fans, or removing wall outlets
- **minor landscaping** - rototilling and mowing

There will be times when a large pocket of vermiculite is discovered. Such situations may include:

- **intrusive digging** - septic systems, sprinklers, and water lines
- **major renovations** - taking walls down, putting in windows, etc.
- **fires** - fire-fighting and subsequent cleanup

Protect Yourself

Hiring a licensed asbestos contractor to clean up vermiculite spilled while doing home improvements is recommended to minimize your exposure.

Take Steps to Avoid Exposure

1. For a small quantity, such as a handful of vermiculite, wet wipe it and throw it away. For a small quantity of vermiculite in soil, such as a very isolated area or a few random flakes, we recommend you wet it and try to work around the area. **If possible, leave it alone.** If the material is buried, keep it that way - it's better buried than at the surface.
2. HEPA filter vacuums are effective on small quantities of vermiculite indoors. **Never vacuum vermiculite with a regular vacuum.** HEPA vacuums and wet wiping can be used periodically to remove any small amounts of asbestos containing dust that is introduced into your home or to vacuum dust from previously inaccessible locations such as under recently removed carpets, appliances, and furniture.
3. For larger quantities of vermiculite, such as what you may find in a breached wall, do not disturb the material. **Do not vacuum large amounts of vermiculite - even with a HEPA vacuum.**
4. Dry mowing or rototilling in yards and gardens where vermiculite is abundant may cause asbestos to become airborne. If possible, sprinkle your yard or garden with water before mowing or tilling.
5. If you encounter a large amount of vermiculite in soil that cannot be avoided, such as when it was used around pipes, around other structures, or as bulk fill - you may have sparkling soil - **do not disturb the material.**

*Important information
inside for Libby
residents from EPA*

-
6. If you are planning on remodeling your home, find out if there is vermiculite in the attic or walls, or any of the materials that will be taken out, disturbed, or are likely to create dust. You can call the EPA Information Center at 293-6194, if you are unsure. You should also be aware of specific regulations regarding remodeling, demolition, and disposal that may impact your work, especially big projects.
 7. Renters - You have a right to know about any adverse conditions at your rental. Ask your landlord about the presence of vermiculite. If you do not receive the information you request, contact the EPA Information Center or Lincoln County Sanitarian.

Libby asbestos is considerably more toxic than other commercial asbestos products. It should be avoided or handled with extreme care. The health risk from exposure to **all** asbestos depends greatly on the amount of asbestos in the material you are disturbing and how long the exposure lasts. Frequent exposures to high levels of asbestos for lengthy periods of time pose a significant risk. Little disturbance of small amounts of vermiculite insulation or other products containing a low level of asbestos poses a smaller risk, especially if you take basic precautions.

Who Can I Contact With Questions About Asbestos?

For more information, contact either the EPA Information Center in Libby (293-6194) or the Lincoln County Sanitarian (293-7781 ext. 228). EPA or the County may send personnel out to inspect a situation involving vermiculite or Libby asbestos and give guidance. Guidance may include advising the homeowner to allow EPA or a licensed asbestos contractor to take samples, conduct cleanup, or take other special measures to reduce risk of exposure.

Please learn about the risks of asbestos exposure and basic precautions by reviewing the fact sheets listed below:

- **Living with Vermiculite** - *October 2003*. Provides information about the potential risks of contaminated vermiculite and precautions you can take.
- **HEPA Vacuum Cleaner Program** - *December 2003*. Provides information on the effectiveness of HEPA vacuums and describes their role in Libby's cleanup.
- **Risk - Past, Present and Future** - *June 2005*. Describes EPA's process of risk assessment and how we work toward reducing risk.

These and other fact sheets are available at the EPA Information Center at 501 Mineral Avenue in Libby.

Explore the EPA web site and its links at: www.epa.gov/region8/superfund/libby



Libby Asbestos Superfund Site HEPA Vacuum Cleaner Program

May 2007

EPA's objectives for removal actions in Libby and Troy are to:

1. Minimize the ongoing release of Libby Amphibole (LA) asbestos by removing or containing sources.
2. Reduce health risks associated with excess exposure to LA.

EPA is accomplishing these removal objectives through a robust response including:

- sampling and characterization
- attic and interior home cleaning
- outdoor soil removal
- distribution of vacuum cleaners with High Efficiency Particulate Air (HEPA) filters
- developing an Operations and Maintenance program in Libby

HEPA Vacuums as Part of the Overall Cleanup Approach

EPA intends to clean each property by designing and implementing a cleanup plan that will address most potential issues. However, EPA recognizes that no cleanup program can eliminate *all* exposures, levels of risk, or possibilities for recontamination. Situations presenting lower levels of risk may be dealt with later through additional investigations, potential additional cleanup, and/or by taking precautions during the remediation process.

Even after EPA's cleanup of hot spots is completed and the major LA sources are removed or contained, some fibers will remain that could lead to a low-level or short-duration exposure to LA.

Currently, these remaining risks cannot be accurately quantified. However, the HEPA vacuums further reduce these lowered risks and help to ensure the continued protectiveness of the EPA cleanup program.

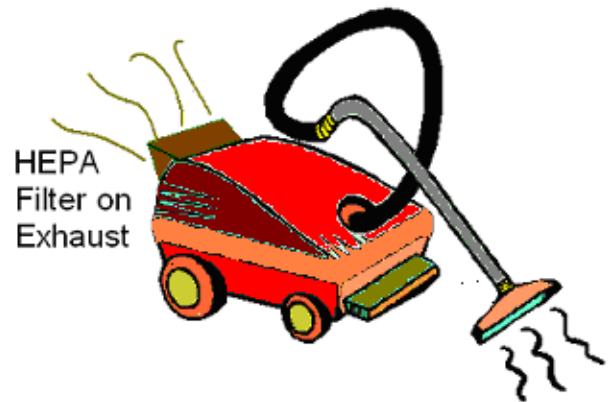
Examples of potential low-level or short-duration exposure to Libby Amphibole asbestos include these sources:

- vermiculite insulation in walls (a potential problem if the wall is opened up – such as when replacing a light fixture or electrical outlet)
- low levels of LA remaining in dust or in textiles (couches or curtains)
 - LA present below carpets (a potential problem if carpet is removed)
 - LA sources not discovered at depth in soils (a potential problem if dug up)
 - personal possessions that were not cleaned
- Libby asbestos tracked in from soils or other materials outside of the property

The HEPA vacuums are another step in an already rigorous cleanup program, not a substitute for cleanup!

What is a HEPA Vacuum Cleaner?

A vacuum with a HEPA filter is used exactly the same way as a standard vacuum. Its construction is also almost identical to a standard vacuum. The only real difference between a HEPA vacuum and a standard vacuum is that **a HEPA vacuum filters the exhaust air using a HEPA filter.**



A HEPA filter is made up of hundreds of square feet of filter paper folded into a couple of square feet of space. These filters can remove 99.97% of all particles that are 0.3 microns in size or larger. The majority of Libby Amphibole asbestos fibers are between 0.5 and 5 microns in size. For comparison, one inch contains about 25,000 microns.

Unlike some HEPA vacuum cleaners, the HEPA vacuum cleaners provided by EPA and DEQ will have a fully-sealed containment area and filtration system. This ensures that *all* air, debris, and lung-damaging particles pass through the vacuum bag and HEPA filter and do not exit out other areas of the vacuum cleaner.

This means HEPA vacuums, if used correctly, will successfully capture almost all of the fibers of current concern in your home.

In addition, the HEPA filter is located beyond the motor to ensure all air the motor draws in passes through it.

The HEPA vacuum cleaners provided by EPA and DEQ will come complete with a floor attachment and hand tools.

Operation and Maintenance

The manufacturer's instructions will provide direction on how and when to change the bag and filter. **It is important to follow these instructions carefully so that the integrity and performance of the filter is maintained!**

The vacuum will be covered under the manufacturer's warranty. Instructions on how to register the vacuum for the warranty will be provided with the vacuum. All maintenance will be the responsibility of the homeowner.

Why Use HEPA Vacuum Cleaners?

Standard vacuums *don't* filter out asbestos! The function of any vacuum is to remove dust and dirt from floors, furniture, or drapes. Vacuums draw in the dust and dirt and store it in either a bag or canister. The air that is taken in with the dust and dirt is pulled through the vacuum system and exhausted through the motor. Very small dust and dirt particles, such as asbestos fibers, can be drawn through the bag and canister and returned into the air.



It is important to note that the HEPA vacuums EPA is providing are NOT intended for bulk removal of vermiculite insulation from attics or walls!

HEPA vacuums *do* filter out most asbestos! Use of HEPA vacuums in the living space will provide property owners with a cost-effective, easy-to-use tool with the following benefits:

- Short-term, periodic use will reduce leftover contamination in dust that escaped EPA's cleanup. It will also reduce fibers present at levels that did not trigger an EPA cleanup.
- Long-term, periodic use will help prevent recontamination from outside sources or from areas EPA did not clean up. While EPA believes such occurrences will be minimal, the HEPA vacuum provides a practical way to address the issue with little effort, giving property owners additional assurance over time.
- Long-term, periodic use can address ongoing releases of non-Libby asbestos (generally chrysotile asbestos) from sources that EPA is not removing, such as pipe wrap, floor tiles, and ceiling tiles.
- One-time use can address situations where a small amount (less than a small handful) of Libby Amphibole asbestos is inadvertently introduced into the living space, such as when a wall is slightly opened up or when carpet is removed.

Questions?

If you have any questions or concerns regarding the HEPA Vacuum Program, please call the EPA Information Center at 406-293-6194 or

the DEQ Troy Information Center at 406-295-9238

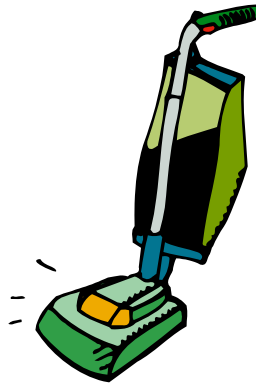
Who Will Receive a HEPA Vacuum?

EPA and DEQ are providing a HEPA vacuum to every residence or commercial property in Libby and Troy where there is a potential for indoor dust contamination. This includes properties where vermiculite was found anywhere inside or outside in yards, gardens, flowerbeds, or driveways. Residents do not have to initiate the process. The first people to receive a HEPA vacuum will be those whose properties EPA has cleaned up.

For properties that have not yet been cleaned up or that don't meet the criteria for EPA cleanup, EPA and DEQ will provide a HEPA vacuum only after dust samples are collected. This ensures that use of the vacuum does not affect the sample results and the resulting decision as to whether or not a cleanup should be done.

Even if a property does not meet the criteria for cleanup, there still may be low levels of Libby Amphibole Asbestos (LA) in the dust. Using a HEPA vacuum will minimize this problem.

The Superfund risk assessment will give EPA more information on the health risks of Libby Amphibole Asbestos (LA) in dust. As more information on LA becomes available, the details of the HEPA vacuum cleaner program might be adjusted in the future. EPA conducts post-cleanup sampling to evaluate how cleanup and HEPA vacuums performed.



The HEPA vacuum cleaner program is voluntary and property owners also have the option of purchasing their own HEPA vacuum now or in the future (including property owners that don't meet the general criteria for eligibility).

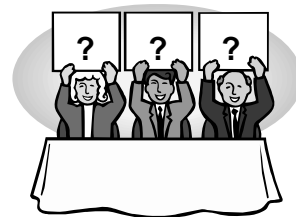
If you would like to buy your own vacuum cleaner, make sure the model you buy has a disposable 0.3 micron HEPA filter with disposable bags. EPA is now offering a choice between canister and upright models.

If you encounter a significant amount of vermiculite (more than a small handful), EPA recommends that you **call the Environmental Resource Specialist (ERS) at 406-291-5335** for tips on disposing of the material.

If you are remodeling and expect that you might run into vermiculite, a fact sheet entitled "Lincoln County Do-It-Yourselfers" will be helpful to you - it is available at the EPA Information Center (501 Mineral Avenue; Libby, MT 59923 406-293-6194) or the DEQ Troy Information Center (303 N. Third St.; Troy, MT 59935 406-295-9238).



We Need Your Feedback!



Dear Libby Resident:

Now that removal and restoration of your property is complete, EPA would appreciate it if you could take a few moments to provide feedback on the experience. We are constantly evaluating the effectiveness and efficiency of our work, and your responses will help us determine what is working well and what could be changed. **Your responses are very important, and we appreciate any comments!**

Please return the survey in the enclosed self-addressed, stamped envelope.

Name (optional): _____

Rating scale: 1= strongly agree 2= agree 3= disagree 4=strongly disagree

General Issues

(please circle one)

- 1 2 3 4 The on-site Community Involvement Coordinator (CIC) was friendly and helpful.
- 1 2 3 4 The relocation handouts I was given were useful.
- 1 2 3 4 My questions were answered by the CIC in a timely manner.
- 1 2 3 4 I had no problems getting in touch with the CIC.
- 1 2 3 4 The CIC contacted me as often as I would have liked.
- 1 2 3 4 The CIC worked to solve my problems (forgotten items, schedule, etc.).
- 1 2 3 4 My family and I were treated with courtesy and respect during the process.

Relocation Issues *(skip this section if you were not relocated)*

(please circle one)

- 1 2 3 4 I was well informed of my *choices* for relocation (hotel, RV, friend's home, etc.).
- 1 2 3 4 I was well informed about the expected *length* of my relocation and was kept informed of any changes.
- 1 2 3 4 The hotel where I was relocated met my standards for cleanliness and comfort.
- 1 2 3 4 The reimbursement paperwork was completed with minimal effort on my part.
- 1 2 3 4 I received my reimbursement within a *reasonable* time frame (30 days).
- 1 2 3 4 The per diem rate was sufficient for my family.
- 1 2 3 4 The reimbursement policies were fair and appropriate.

Removal and Restoration Issues

(please circle one)

- 1 2 3 4 I was well informed about the *scope* of the removal and restoration.
- 1 2 3 4 The specifics of the restoration were documented in writing and provided to me.
- 1 2 3 4 My concerns about the work were addressed to my satisfaction.
- 1 2 3 4 I felt comfortable with the capabilities of the contractors.
- 1 2 3 4 I was kept informed of any changes to the schedule for removal and restoration.
- 1 2 3 4 I am impressed by the health and safety precautions taken on my property.
- 1 2 3 4 I realize that not all of my possessions could be decontaminated, and I am satisfied with how those decisions were made.
- 1 2 3 4 I believe the work done on my property was of high quality.
- 1 2 3 4 I believe that my property was restored to a condition equal to or better than its previous condition.
- 1 2 3 4 I am satisfied with the work done on my property.
- 1 2 3 4 I am glad that the removal and restoration were conducted on my property.

Please use the space below if you'd like to elaborate on any answers or provide suggestions.

☐

Yes

May EPA release your name and phone number to other Libby residents who have questions about the cleanup process? *(Please check one.)*

☐

No

Thank you for your patience and cooperation in this process.

F.8 Restoration Brochures

Saving YOUR Plants

Whenever possible, EPA will work to save existing plants on your property. ***With your help***, many mature bushes and trees can be saved. The most important thing you can do is to make sure that all your trees and shrubs are fully hydrated (that doesn't mean waiting until the day before to soak them!!). A happy and healthy tree or shrub will come through with flying colors, even if its roots get nicked or it gets stressed during removal. Remember also to water often and well after the work is done.

Replacement of Hardscaping



Whenever possible, EPA will replace fences, trellises, walkways, etc. with the same material as was there prior to removal. However, sometimes this is not possible. For instance, the type of fencing removed may no longer be available.

If possible, the CIC will work with you prior to the removal to select an adequate substitution your restoration. However, decisions sometimes must be made quickly in the field, and there may be no time for advance consultation. In these events we will do our best to make choices that we believe will be acceptable to you.

Let Us Know What You Think...

EPA encourages you to voice your thoughts or concerns to the CIC *before* the work is conducted, so that we can do our best to address them.

If concerns arise *during* the removal and restoration process, please let us know as soon as possible. The sooner we get your input, the easier it is for us to take the appropriate actions. We WANT the work to go as smoothly as possible.

Don't ever be embarrassed to ask us a question.

If you have questions about the cleanup, replacement soils, or plants, contact your CIC at

For other yard or garden questions please contact your local garden/nursery store or the Montana State University Extension Office. Or, check out their very useful website: www.extn.msu.montana.edu/yard.asp



Outdoor restoration at your property

An Overview for Libby Residents



Removal and Restoration Basics



If you are participating in EPA's asbestos removal at your property, you know that EPA's goal is to remove the significant Libby Amphibole asbestos sources (such as vermiculite in accessible attics) in order to reduce potential health risks to you and your family. This is beneficial to you now, and will also be important if you sell your property in the future.

After removal is completed, EPA works to restore your property to pre-removal conditions. Depending on the property, this restoration often includes replacing vegetation (e.g. bedding plants, shrubs, trees, and grass*), hardscaping materials (e.g. fences, trellises, stepping stones), and excavated soil. We take careful surveys of the layout of your property, meet with you in on-site interviews, take photographs, and make careful notes on the details of your property – *all with the goal of high quality restoration.*

What We Wish We Could Do

In a perfect world, EPA would be able to restore your property exactly as it was – the *same* prize roses, the *exact* style of fence, the *same* drainage patterns, and the *same* quality of garden soil. *We honestly wish we could do just that.*

Unfortunately, it's just not possible on a construction project the size of the Libby Asbestos Site. Because we are dealing with hundreds of yards, gardens, and

interiors each year, we have to address restoration issues in bulk. This means that many people, *especially those who have invested significant time in their yards or gardens over the years*, may end up with restored properties that may not meet their expectations.

We hope that you will agree with us that the removal's benefits (for your family's well being and for your property values) more than make up for this potential shortfall.



What We Can Do

EPA believes it is important for you to know what to expect regarding the restoration of your yard or garden. This brochure lists some of the key issues that arise most frequently. If, after reading this brochure, you have any questions, please call the Community Involvement Coordinator (CIC) that was assigned to you at the phone number listed on the back.

Quality of Replacement Soil

EPA contracts with providers for local replacement soil that meets engineering specifications for plant growth, compaction, drainage, etc. It is amended with peat moss and sand to ensure that there is an adequate mix of organics for plant growth and to allow for drainage. The replacement soil is definitely adequate for lawns and gardens.

However, if you are a serious gardener, the replacement soil will likely not be as rich and well-developed as the soil you created over time in your garden beds. Recreating

that soil is possible, but it will take time and attention from you. EPA will be happy to provide you with information on fertilization, just ask your CIC.

Surface Contour of Replacement Soil

EPA's contractors do their best to return the surface contours of your property to their pre-removal condition. However, because it often takes a year or more for soil to fully settle, they must often "over-fill" the area in anticipation of settlement. This can create short-term drainage issues that should resolve themselves over the first year. Your CIC will be happy to discuss this with you.

Replacement Plants

EPA contracts with a local nursery for strong and healthy replacement plants. Our goal is to replace (in number and type) the plants that are removed. If the nursery cannot duplicate your existing plants, we will work to provide you with what we believe is an equal or better replacement. Obviously, we cannot replace a fully-mature specimen (such as a 10-year old clematis) with the same size plant. But, we *can* provide you with a young, healthy replacement that, given a few years, will be just as beautiful.

At the time of installation, the landscaper will gladly provide you with any information you need on watering and fertilizing of the replacements. Thereafter, you can call your CIC for additional information. If the plants fail (and you have been caring for them as directed), EPA will provide you with additional replacements.



*Please see the EPA brochure *Caring for Your New Lawn* for information on replacement lawns and their care.

For best results, set the mower height to at least 3 to 4 inches and mow often. Try not to cut more than a third of the blade at a time.

Keep mower blades sharp for the cleanest cut. Lawns cut with dull blades lose moisture more rapidly, are more subject to disease, and take on a lighter, almost grayish cast. This comes from the shredded ends of the grass blades drying out and turning a pale brown in the sun.

3. Fertilize

Feed your lawn to keep it healthy!

We suggest that you fertilize with a slow release fertilizer about three times per year. Your typical fertilization schedule should look something like this:

- **Memorial Day.** Use a “triple 16” fertilizer.
- **Labor Day.** Same as Memorial Day.
- **Just before winter hits.** Use a “winterizer fertilizer” (high in nitrogen).

Fertilization prior to Memorial Day is not recommended. It has been shown to enhance fungal disease during summer.

4. Weed

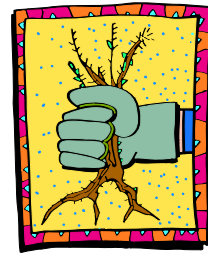
Stop native weeds from going to seed to keep them under control!

Homeowners are likely to see *pigweed* in lawns, flowerbeds, and gardens. Pigweed is native to this area, and the seeds lie dormant for many years. Once disturbed,

the seed will sprout in whatever soil is provided. The most important thing any homeowner can do in fighting pigweed is to stop it from going to seed – either by early pulling, hoeing, or mowing.

Homeowners should take a few minutes each week to pull young pigweed sprouts from flowerbeds and garden areas, just as all gardeners have to do for new beds – no matter what the soil source. We recommend regular mowing (once the new grass blades have reached several inches in height). This will prevent any sprouted pigweed from going to seed. As the lawn matures, the pigweed will be choked out.

A little effort early in the growing process will save many hours of labor and spraying costs later on. We appreciate your cooperation on controlling weeds in your remediated areas.



If you have questions about the cleanup, replacement soils, or plants, contact your CIC at

For other yard or garden questions please contact your local garden/nursery store or the Montana State University Extension Office. Or, check out their very useful website:

www.extn.msu.montana.edu/yard.asp

CDM November 2007

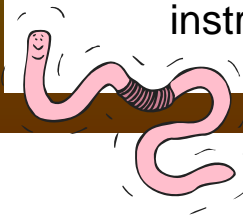
Caring for Your New Lawn

Congratulations!

Your new Hydroseed lawn is made of some of the finest varieties of grass available – chosen specifically for this area.

With your help, we are confident that this lawn will be beautiful and enjoyable for years to come.

Like any lawn, the care your new Hydroseed lawn receives from you will determine the degree of success you enjoy. To help ensure great results, we've provided you with these instructions.



Why Hydroseed?

All lawns removed by EPA will now be replaced using Hydroseed. Hydroseed is a patented product that contains seed, mulch, and fertilizer and is sprayed directly onto bare areas.

Hydroseed is a proven performer in Libby and elsewhere, producing robust and healthy lawns in variety of conditions in a short period of time. Because it can be applied immediately after soil is placed, residents can have a lawn in less time than with sod (which must be ordered, cut, and delivered). When they mature, seeded lawns are also more resistant to pests and weather than sod, as they are grown in place from a seed mix specially selected for the Libby area.

In addition to these benefits, Hydroseed is significantly less costly than sod, *especially* on large lawns. Money saved on lawn replacement can be put to good use on other aspects of the project – such as cleaning up more properties. This allows us to get the most out of every budget dollar.

Following the care instructions in this pamphlet should ensure a healthy lawn. Your CIC will be happy to answer any other questions you might have on Hydroseed or any other aspects of your restoration.

The first two days....

The landscaper will soak the area until soggy immediately before the hydroseed is applied. After this initial soaking, the crew will water lightly each of the next two business days to keep the material moist.

Please note that, if your lawn is installed on a Thursday or Friday, the contractors will not be available and *YOU will need to water over the weekend*. Remember to water lightly to keep the lawn moist, *but not soggy*.

Happily ever after....

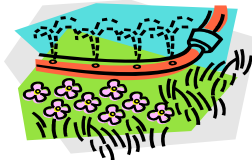
The following tips for watering, mowing, and fertilizing will help keep **YOUR** new lawn looking great.

1. Water

In the beginning, keep your lawn moist - not soggy!

Initially, apply an average of one inch of water **daily**. An easy way to measure this is to put a *small* tuna can on your lawn – when it's full, you've watered one inch. For hydroseed, you may need to decrease the duration and increase the times per day to prevent excess water from washing the seed away. Try watering twice daily for 15 to 20 minutes, until you can see the grass growing. Remember this is a guideline. Your lawn may need more or less to keep it consistently moist.

You may need to increase the number of times you water due to hot weather, wind, season, and proximity to buildings (reflected heat dries the lawn). Less water is needed during cold or rainy periods. Shady areas may develop “powder mildew” if there is not enough sunshine or heat to dry the blades.



If this happens, water during sunnier times of the day, or decrease water.

Taper off to one inch/ week after the lawn is established.

Once the Hydroseed has begun to grow (usually 2 weeks), you can gradually increase the duration and decrease the frequency of your watering until you are watering only one to two times a week. Your grass will develop a deeper root system if, over the first growing season, you move to watering weekly for 1 to 2 hours or longer.

New lawns can dry out very quickly in sunny, windy weather. ***Until roots are established, it is critical that your new lawn stays moist.*** As long as this happens, your results should be excellent.

Your new lawn will lay dormant through winter, but it is important that you keep it moist until the ground freezes. Once it freezes, you can stop watering until spring. When the snow melts and the frost leaves the ground, you will need to start watering again. PLEASE DO NOT count on spring rains to water your new lawn. It often takes at least a year of *quality care* for your new lawn to become well established.

2. Mow

Regular trims keep your lawn looking great!

Don't mow for the first time until the grass is about 4 inches high. Leave the clippings on as mulch, but don't cut off more than an inch at a time or the mulch could clump and cause patches of the lawn to die.



F.9 Exposure Reduction Brochure

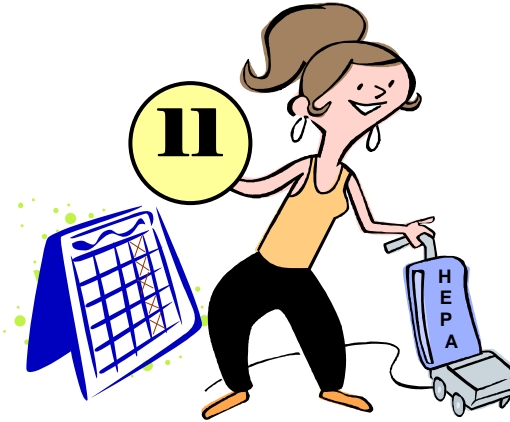
Indoors:



DO wipe your feet and/or take your shoes off at the door and leave them outside, if possible.



DO wash your hands after gardening, playing outdoors, or doing other messy things.



DO vacuum frequently, and only use a HEPA* vacuum.

*High Efficiency Particulate Air - learn more about these vacuums at the EPA Info Center



DO call the *Environmental Resource Specialist (ERS)* if you see ANY vermiculite on your property (406) 291-5335. If you are unsure about material you are bringing onto your property, call the ERS to have it sampled first.



DON'T bring dusty or dirty things inside.



DO keep your pets clean.



DO use a HEPA vacuum to remove dust from clothing, furniture, drapes, etc.



Photo of processed (left) and raw (right) vermiculite. View samples at the EPA Info Center.



Libby Asbestos Superfund Site
EPA Information Center
501 Mineral Ave., Libby, MT
(406) 293-6194

Don't let an unwanted visitor into your home!!



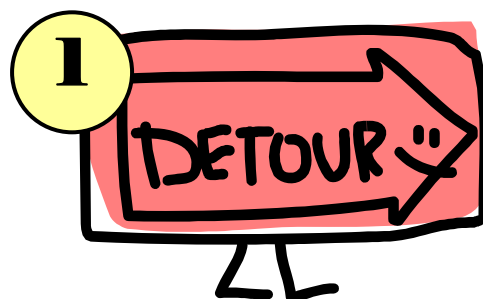
13 simple steps to
protect yourself and
your loved ones
from
**Libby Amphibole
Asbestos
(LA)**

*Reducing contact with
disturbed, contaminated soil is
important in reducing your
exposure to LA. LA poses the
greatest threat when it is
airborne.*

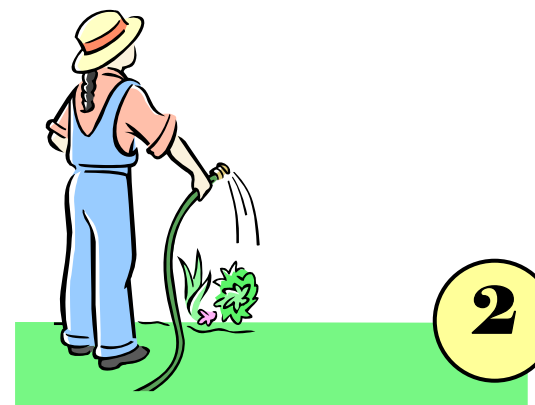
*For a lower risk of exposure,
focus on keeping contaminated
soil from being disturbed in your
yard and trapped in your home.*

This flyer gives some
common sense tips on
avoiding exposure to LA on
your property.

Outdoors:



DON'T disturb areas
where you can see
vermiculite (*see picture on
back*). Find other places
to play or garden.



DO water often. A healthy
lawn reduces dust and
contact with bare soil.



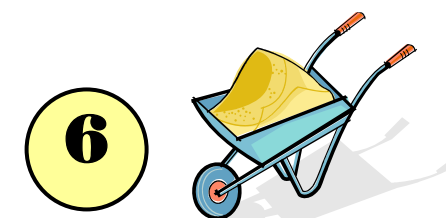
DO mow your lawn when
it's damp – not when it's dry
and dusty.



DON'T dig, cultivate, or
roto-till your garden soil
when it is dry and dusty,
and do suppress any dust
with water.



DO rinse off gardening
tools outside.



DON'T buy or accept free
topsoil or fill from an
unknown source. If you are
unsure, call the EPA Info
Center.

F.10 Assorted Other Written Materials



Activity Based Sampling (ABS) in Libby

2007

Evaluating Long-Term Effectiveness of EPA's Cleanup Strategy

Cleanup actions at residential properties address asbestos sources that exceed trigger levels set in EPA's cleanup strategy. This means that some residual sources and exposure pathways may be left in place, rather than being removed. It is important to EPA that the cleanup strategy be safe in the long-term. To ensure this safety, we are evaluating the effectiveness of the current strategy. This fact sheet provides an overview of that evaluation.

About the ABS

This spring, EPA will begin gathering data to help determine the long-term effectiveness of our current cleanup strategy in Libby. ABS will be conducted at selected homes that were previously cleaned up by EPA and homes that have not exceeded the trigger levels under the current cleanup strategy.

Samples will be collected while certain typical residential activities are simulated at the home by EPA contractors. Both indoor and outdoor sampling will be included (see table). Each sampling event will extend over an 8-hour time interval, over which air, dust, and soil samples will be collected from each property by EPA contractors.

ABS Locations and Activities			
Location	Indoor		Outdoor
Type	Passive	Active	
Definition	Inactive time in home	Active house-work or play	Active yard work or play
Example Activities	<ul style="list-style-type: none">Watching TVWritingReading	<ul style="list-style-type: none">Walking from room to roomCleaning (dusting, sweeping, vacuuming)	<ul style="list-style-type: none">RakingDiggingMowing

All activities simulate those that might be performed by a typical resident and potentially disturb residual sources.

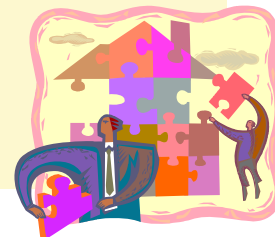
Are You Interested in Participating?

Sampling consistency is extremely important for accurate reporting and results. Ultimately, the best results will be those obtained from the same property over an entire year.

*Because of this, EPA needs resident volunteers to commit to **four sampling events over a one-year period**. Every three months, residents will be relocated to a hotel for an estimated 2 to 3 days. All relocation expenses will be paid by EPA.*

EPA recognizes participation is an inconvenience, and we greatly appreciate the community spirit of residents who agree to participate. We promise to do our best to make the experience as smooth as possible.

Rest assured that the data we obtain will help us ensure that Libby remains a safe place to live over the long-term.



Temporary Relocation and Reimbursement

If you agree to participate, a Community Involvement Coordinator (CIC) will be assigned to you for the duration of the project. The CIC will meet with you at your home or the EPA Information Center to discuss:

- Evaluation activities to be performed
- Proposed start date and schedule
- Approved lodging options
- Approved reimbursement for meals
- Review options regarding pets, keys, and other concerns that may come up during the activities

You will be given a relocation packet at this meeting that explains the details in writing.

Lodging Choices

There are several options for temporary relocation during the ABS. The two most popular choices are:

- **Contracted Hotel** – The government has a contract at the Sandman Motel and the Venture Inn in Libby. If you choose either of these motels, there will be no out of pocket expenses for lodging. Your CIC will make the necessary arrangements with the hotel of your choice.
- **Another Hotel** – If you want to stay in another Libby hotel or elsewhere during your relocation, EPA will pay up to \$60/night towards your lodging cost. You will also be responsible for making lodging arrangements. Many people choose this option as an opportunity to get away for a few days.

The relocation packet provided by your CIC details more of your options.

Meals and Other Expenses

Because you will be away from home until the sampling event is complete, EPA will pay a daily allotment to cover meals and incidental expenses during that period. The approved government rates for Lincoln County are:

- Adult family members (age 12 and older) = \$39/day
- Younger family members = \$19.50/day

Your CIC will provide the necessary reimbursement forms and can assist you in filling them out.

Important Reminders...

Pet Relocation

While you are relocated, it is best that your dogs and cats also be relocated. Smaller pets may be able to stay at home. A pet flyer is included in the Relocation Packet and provides details of options available for pets.

Firearms, Explosives, and Other Weapons

For the safety of our workers and your property, all firearms, explosives and other weapons must be removed or secured in a locked cabinet.

Keys and Access

For safety, participants will not be allowed to return home until notified by the CIC. Prior to relocation, you will need to provide a key to the CIC, which will be kept in a lock box. When sampling activities are not being performed, the house will be securely locked.

Mail and Newspaper Delivery

Because you cannot return home until the sampling is completed, we recommend that you notify the post office and newspaper of your absence.

For more information on the ABS, please call or visit the EPA Information Center at 501 Mineral Ave in Libby (293-6194).

If you have already been assigned a CIC, please rely on that person as your first source of information on the ABS.



PLEASE!!

Libby Lawn Maintenance Reminder

If you had your lawn replaced by EPA, we'd like to remind you that June is the perfect time for maintenance. A little work now will do wonders for your lawn's health.

First, help your lawn to **breathe** by removing any dead grass or other vegetation (with a dethatching tool or by vigorous raking). This can be done after the first year with sod lawns, *but hydroseeded lawns need at least a year to develop their roots before dethatching.*

Next, give your lawn the **nutrients** it needs with a good multi-purpose fertilizer (16-16-16). Apply three times over the growing season, and make the final application a high nitrogen fertilizer.

Finally, encourage **deep roots** by watering well (1 inch per week). And don't forget to keep your hydroseed moist until it's well established!



Please call the EPA Information Center,
if you need more lawn care info 406-293-6194

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Please call the EPA Information Center,
if you need more lawn care info 406-293-6194

U.S. Environmental Protection Agency
Libby Information Center
501 Mineral Avenue
Libby, Montana 59923



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U.S. Environmental Protection Agency
Libby Information Center
501 Mineral Avenue
Libby, Montana 59923



What's All the Noise About?

EPA is collecting samples of the air inside all Libby schools.

Here's how it's done.

1.

A pump is used to pull room air through a sampler at the end of a tube.



2.

A sample cassette holds a small paper **filter**.



5.

The lab sends the results to EPA, and we use them in our investigations.



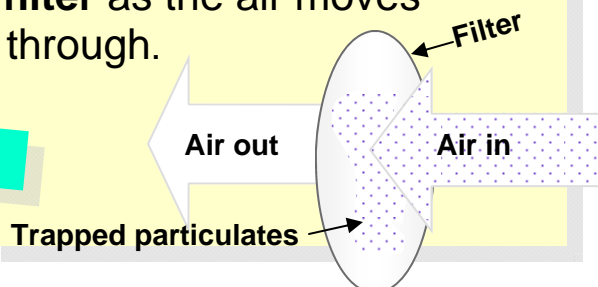
4.

The lab analyzes the **filter** under a microscope.



3.

Any bits of stuff in the air (*particulates*) are left on the **filter** as the air moves through.



U.S. Environmental Protection Agency



**Libby Asbestos Cleanup
Information Booth**



Progress Report

- 3500 properties inspected
- 16,000 soil samples collected
- 355 properties cleaned up
- 92% of people who responded report being glad they had the work done
- latest cleanup cost per property averaging \$20,000 per property
- \$8.5 million in cleanup money per year into community



Superfund News



EPA to Sample Air Quality in Libby-Area Schools in Early December

December 2008

The U.S. Environmental Protection Agency (EPA) will be conducting air sampling for Libby Amphibole asbestos in five local schools from December 8 through 16, 2008. This work is part of EPA's ongoing efforts to protect the health of the citizens of Libby. The following are some frequently asked questions and answers about the sampling.

For more information, **please call or visit the EPA Information Center at 501 Mineral Avenue (406) 293-6194.**

Why is EPA performing the air sampling? EPA has performed air sampling for asbestos at Libby schools in the past. This round of sampling is just part of an ongoing effort to ensure the safety of our schools. Schools included in the sampling are Asa Wood, Head Start School (formerly Plummer School), the School Administrative Building (formerly Central School), Libby Middle School, and Libby Senior High School.

How is the sampling done? High-volume air pumps will be placed in strategic locations inside the school buildings to gather air quality information. These are the same types of sampling devices that EPA uses to confirm clean up in local homes and businesses. Samples will be collected as the air is drawn through the pump over the sampling period. Sampling will be conducted at each school over a two-day period.

Why is sampling being done during regular school hours? While it certainly would be easier to conduct air sampling when the school buildings are vacant, EPA has chosen to conduct the sampling under "real use" conditions to get the most accurate picture possible of air quality in the schools. This means sampling while children are active in their classrooms and hallways. We hope that parents and students will recognize that the inconvenience of sampling while school is in session is worth the added quality of information we will obtain.

Is the air sampling dangerous? No, the sampling itself is *not* dangerous. EPA is merely collecting samples of indoor air under normal conditions at the schools. However, the sampling devices are mechanical equipment, so students should be instructed to leave them alone. Our sampling crew will take into consideration any potential tripping hazards, fire exiting

safety, and other safety concerns during placement of the pumps. Pumps and electrical cords will be secured during the sampling periods, and staff will be on site to monitor the sampling event.

How about the noise? High volume pumps are noisy, but EPA has made every effort to minimize the noise. For example, the pumps themselves will be placed outside the classrooms and special tubing will extend into the classroom to pull air into the filters. The pumps will also be covered with a modest noise reducer.

Will the results be made public? Yes, EPA will make the results public after the sample data have been received and reviewed. Results will probably be announced at a monthly Community Advisory Group meeting and a Technical Advisory Group meeting. A summary of the results may also be included in the annual fact sheet mailed to the community.

Participating in the Activity Based Sampling (ABS) in Libby

2007

Help EPA Evaluate Long-Term Effectiveness of the Removal Strategy

The removal actions at residential properties in Libby address those asbestos sources that exceed trigger levels set in EPA's preliminary removal strategy. This means that *some residual sources and exposure pathways may be left in place, rather than being removed*. The Activity Based Sampling (ABS) is part of EPA's overall evaluation of its removal strategy, to ensure that the strategy is protective in the long-term.

.....

About the ABS

EPA plans to begin gathering data to help determine the long-term effectiveness of our current removal strategy this spring. ABS will be conducted at selected homes that were previously addressed by EPA as well as at selected homes that have not exceeded the trigger levels under the current removal strategy.

Samples will be collected while certain typical residential activities are simulated at the home by EPA contractors. Both indoor and outdoor sampling will be included (see table). Each sampling event will extend over an 8-hour time interval, over which air, dust, and soil samples will be collected from each property by EPA contractors.

ABS Locations and Activities			
Location	Indoor		Outdoor
Type	Passive	Active	
Definition	Inactive time in home	Active house-work or play	Active yard work or play
Example Activities	<ul style="list-style-type: none"> Watching TV Writing Reading 	<ul style="list-style-type: none"> Walking from room to room Cleaning (dusting, sweeping, vacuuming) 	<ul style="list-style-type: none"> Raking Digging Mowing

ABS is designed to capture the range of activities performed by a typical resident that may potentially disturb residual sources.

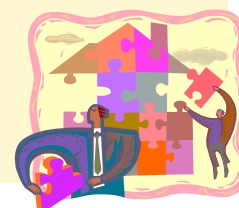
We need your help....

EPA is looking for 60 to 80 volunteers to make this sampling successful. Because consistency is so important for accurate reporting and interpretation of results, we need volunteers to commit to participate in four sampling events over a one-year period. Each ABS event will be conducted over a two- to three-day time period*.

We know that participation is an inconvenience and a disruption of people's normal routines. We greatly appreciate the community spirit of Libby volunteers, and we promise to do our best to make the experience as smooth as possible.

The information we collect will be vital to the Libby clean up. If you want to play an important role in the long-term clean up of Libby by letting us collect samples in your home, please think about participating in the ABS.

** If relocation is necessary, it will be discussed with residents in advance. As with all Libby relocations, EPA will pay all allowable relocation expenses. Ask your CIC for details.*



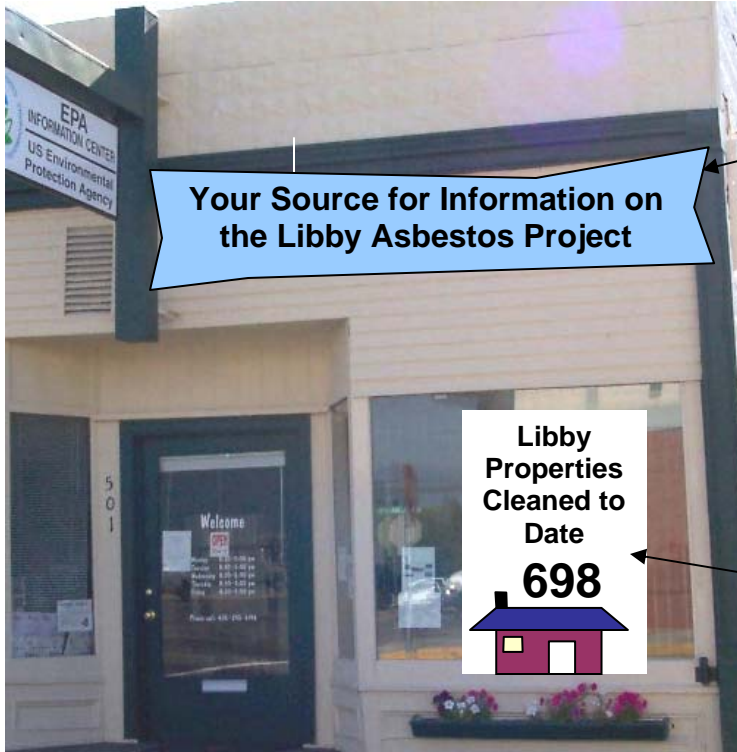
Help Make a Difference in Your Community!

Please consider participating in the Activity Based Sampling (ABS).

See inside for details.

For more information on the ABS, please call your CIC at

**or visit the EPA Information Center at 501 Mineral Avenue
in Libby (293-6194).**



Your Source for Information on the Libby Asbestos Project

#1. Plastic banner. Up for the construction season. Message could be topical (but should last the season) or consistent (see picture). We could also do a banner for Town Meetings. They are cheap and have a lot of impact.

**Libby Properties
Cleaned to
Date
698**

#2. Mounted poster in window. Very few words! Numbers can be updated easily using Velcro dots to change the number. People should be able to read from car or walking by.

Using the Information Center as an exhibit:

- Cheap.
- Easy.
- Decorates the building and improves the streetscape.
- Engages people that would not normally come inside.
- Gets out *simple, positive* message.



Asbestos Removals at Local Schools

EPA Information Center * 501 Mineral Avenue, Libby, MT 59923 *
(406) 293-6194

Fact Sheet Number 6

August 10, 2001

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In early July 2001, EPA began the process of transferring asbestos-contaminated soil from the **Plummer Elementary** ice rink and the athletic tracks at **Libby High School** and **Libby Middle School** to the Grace Mine Site. The work is part of EPA's effort to protect the health of the citizens of Libby by removing source areas of asbestos from public areas. The contaminated soil from the local schools will be temporarily stockpiled at the **KDC Flyway** site north of Libby, prior to being transported to the mine site. EPA used the KDC Flyway property last year for sampling activities.



EPA has designed this work carefully, with the health and safety of workers and the community as the primary concern. The contractors conducting the work are VERY experienced in the safe removal of asbestos-containing materials.

This Fact Sheet presents health and safety and scheduling information on these activities, as well as answers to frequently asked questions.

Protective Clothing and Equipment

Because they are working in *direct contact* with the asbestos, workers will be wearing protective clothing and equipment during the removal. This includes gloves, white Tyvek suits, and respirators. This gear serves to protect workers from inhalation of asbestos fibers. It also allows them to be fully decontaminated before leaving the site, thereby *protecting the community*. *People who are not working with the materials on site DO NOT need to wear this protective gear.*

Decontamination

The work areas at the schools and the KDC Flyway will be fenced and segregated to prevent contamination from being spread beyond the excavation areas. During the removal, workers or equipment cannot leave the site without a thorough decontamination. This includes removal of disposable clothing and washing of any exposed body parts or equipment. Additionally, **NO ONE** will be allowed on site without authorization.



Dust Control and Monitoring

The removal work is being completed under conditions designed to prevent asbestos fibers from becoming airborne. This includes wetting the materials during excavation and transport, monitoring wind conditions, and making visual dust observations. As a further precaution, air monitoring will be used to verify the success of the control measures. The workers will be wearing personal air monitors, and the air in and beyond the work area will be continuously sampled for asbestos fibers *during the actual removal activities*. EPA may be contacting some residents about placing an air monitor on their property to provide air quality data in the neighborhood.

Road Safety

Loaded and empty trucks will be traveling on city streets between the schools and the stockpile north of town. The drivers are experienced and are aware of the precautions necessary to move large trucks safely through town. Routes have been chosen to maximize safety, and drivers will be careful of their speeds and alert to the potential for children to be in the road. *Please help us by reminding your children to be extra aware of traffic during this time.*



For more information, please feel free to contact the EPA Information Center, at 501 Mineral Avenue in Libby (406/293-6194).

Other EPA site contacts include:

- Paul Peronard, On-Scene Coordinator, (800) 227-8917 x6808
- Wendy Thomi, Community Inv. Coordinator (406) 441-1150 x241
- Dr. Chris Weis, Toxicologist, (800) 227-8917 x6671
- Dr. Aubrey Miller, Public Health Doctor, (303) 844-7857

Other Useful Contacts:

- John Podolinsky, Montana DEQ Asbestos Control Program, (406) 444-2690
- Dan Strausbaugh, Montana/Libby Representative, ATSDR, (406) 293-2728

Closures

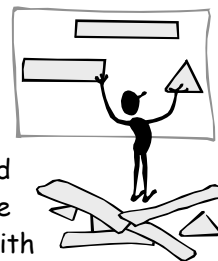
The tennis courts at the high school will be closed during the excavation period. The walking/bike trail within the high school property will also be closed. Currently, these closures are expected to last from July 27 to August 17, 2001. The closed areas will be marked with flagging tape and signs, and your cooperation in respecting these closures is greatly appreciated.

Duration

The work at each school will be done consecutively (Plummer Elementary, Libby High, then Libby Middle). The process entails three steps: mobilization, removal, and restoration.

The first thing you may have noticed was the fencing installed around each school's work area during the week of July 9. This was followed by the asbestos removals, which is when you may notice workers wearing protective gear and see loaded trucks on city streets.

Transport of soils from the removals began on July 18, 2001. All soils should be stockpiled at the KDC Flyway site by early September, and the stockpiled soils should be transported to the mine site by the end of 2001. With the exception of the final restoration of the high school track, the entire project should be done by late September. To minimize disruption to neighbors, work hours will be between 7:00am and 5:30pm. The restoration of the tracks will begin after the asbestos has been removed.



Frequently Asked Questions



Explain the removal process. The asbestos ore is removed with a backhoe and transported from the site by truck. Visual observations are made and the remaining materials are sampled to make sure that all asbestos has been removed. When this is verified, the excavation is backfilled with asbestos-free fill material and compacted. The track surface is then replaced with either asphalt or rubber.

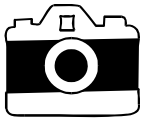
How do we know that the school grounds are safe? EPA has had numerous discussions with individuals who have knowledge of the school grounds. We have followed these interviews up with visual investigations and *extensive* sampling of non-paved exterior areas at all three schools. No asbestos has been discovered in areas other than those currently being remediated. Furthermore, EPA is using dust control measures and collecting air samples during the excavation to ensure that contamination does not spread to adjacent areas during the removals. Parents can be confident that their children will not be exposed to asbestos at the schools.

During the removal, is it safe for my child to ride his/her bike past the schools? Yes. The removal actions are being conducted under conditions designed to prevent asbestos from becoming airborne, and EPA is monitoring the air quality at the site boundary during the removal to verify public safety. However, because of the potential danger inherent with heavy equipment and trucks entering and exiting the site, we ask that you minimize the amount of time your children are near the site during the removals and remind them to be extra aware of road traffic during this time.

When will we be able to play football and soccer on the fields adjacent to the high school track? Due to the potential hazard from asbestos, the athletic fields adjacent to the track and the football field inside the track cannot be used during the excavation of asbestos from the track area. The practice fields will be open for use once excavation is completed. EPA anticipates this date to be by August 17, 2001. The football field cannot be used until after the track has been backfilled and compacted. EPA is planning to have the football field ready for use by the first scheduled home game on September 1.

When will the tracks be ready for use? The asbestos removal at the middle school track will be completed by the first day of school (September 4), and the replacement of the asphalt surface should be completed shortly thereafter. The removal at the high school track should be completed by August 15, and the track will be temporarily backfilled with material that will allow it to be used safely by September 1. EPA will make every attempt to finish the track this fall. However, due to contracting concerns, the rubberized surface may not be replaced until spring 2002.

Was my child exposed to asbestos while attending the high school or middle school? The asbestos-contaminated vermiculite was first used as a track base in the early 1970's. The tracks were covered by asphalt or rubber on 1983, shortly after health concerns were raised. If your child attended either school during the period when the vermiculite was uncovered, it is possible that he/she was exposed to asbestos. The exposure would have varied, depending upon several factors (amount of time spent in the track area, weather conditions, and type of activity).



School Remediation Photos



Look inside for more info on asbestos removals at Libby schools!



U.S. Environmental Protection Agency
Montana Office
301 S. Park Ave, Drawer 10096
Helena, MT 59626-0096
Attn: Wendy Thomi

Asbestos Removals at Local Schools:

A neighborhood update for residents living near the KDC Flyway in Libby, Montana



HEALTH & SAFETY FIRST *

On July 18, 2001, EPA will start the process of transferring asbestos-contaminated soil from the **Plummer Elementary** ice rink and the athletic tracks at **Libby High School** and **Libby Middle School** to the repository at the Grace Mine Site. This work is being conducted as part of EPA's effort to protect the health of the citizens of Libby by removing source areas of asbestos from public areas.

The contaminated soil from the local schools will be temporarily stockpiled at the **KDC Flyway** site north of Libby, prior to being transported to the repository. EPA used the KDC Flyway property last year for characterization sampling and some limited earthwork.



EPA would like to ensure residents in the area that this work has been carefully designed with the health and safety of workers and the community as the primary concern. The contractors conducting the work are VERY experienced in the safe removal of asbestos-containing materials.

The following is a brief list of safety information that may be of interest to you:

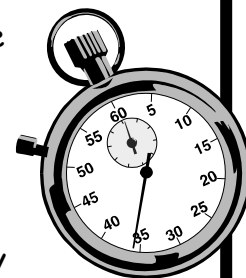
- ♦ **Protective Clothing and Equipment.** Because they are working in direct contact with the asbestos-contaminated soils, workers will be wearing protective clothing and equipment. This includes gloves, white Tyvek suits, and respirators. This equipment serves to protect workers from inhalation of asbestos fibers. It also allows them to be fully decontaminated before leaving the site, thereby protecting the community. *People who are not working with the materials on site DO NOT need to wear this clothing and equipment.*
- ♦ **Decontamination.** The work areas at the KDC Flyway will be fenced and segregated to prevent contamination from being spread off-site. Workers or equipment cannot leave the site without a thorough decontamination. NO ONE will be allowed on site without authorization.



- ♦ **Dust Control and Monitoring.** The work will be completed under conditions designed to eliminate airborne transport of dust. Materials will be wetted at the schools prior to transport, and again as they are being unloaded at the KDC Flyway. After the soils are unloaded at the flyway, they will be covered with anchored tarps to prevent wind erosion. Wind conditions will be monitored to ensure that soils are not handled during conditions that would generate excessive dust.

The air quality at the site will be monitored throughout the project. Air monitors will be set up along the perimeter of the site, and the results of that monitoring will be used to verify the success of the dust control measures.

- ♦ **Duration.** The work at each school will be done consecutively (Plummer Elementary, Libby High, then Libby Middle). The process entails three steps: mobilization, excavation and transport, and restoration. The excavation and transport of contaminated soils to the KDC Flyway should take three weeks or less at each of the three schools. Soils from the Plummer School will be transported to the KDC Flyway beginning on July 18, 2001. All soils should be stockpiled at the site by mid-August. The stockpiled soils should be transported to the repository by the end of 2001. To minimize disruption to neighbors, work hours will be between 7:00am and 5:30pm.



EPA will be providing updates to local media, schools, and the Community Advisory Group (CAG) as the work progresses. You can check your newspaper, call the school superintendent's office, or attend a CAG meeting for more information. You can also call the EPA Information Center in Libby (293-6194), if you have any questions or concerns.



Asbestos Removals at Local Schools:

A neighborhood update for residents living near Plummer Elementary School, Libby High School, and Libby Middle School, Libby, Montana



HEALTH & SAFETY FIRST *

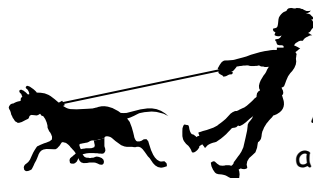
On July 9, 2001, the EPA will begin the process of removing asbestos from the **Plummer Elementary School** ice rink and the athletic tracks at **Libby High School** and **Libby Middle School**. This work is being conducted as part of EPA's effort to protect the health of the citizens of Libby by removing source areas of asbestos from public areas.



EPA would like to ensure residents in the area that this work has been carefully designed with the health and safety of workers and the community as the primary concern. The contractors conducting the work are VERY experienced in the safe removal of asbestos-containing materials.

The following is a brief list of health and safety information that may be of interest to you:

- ♦ **Protective Clothing and Equipment.** Because they are working in *direct contact* with the asbestos, workers will be wearing protective clothing and equipment during the removal. This includes gloves, white Tyvek suits, and respirators. This gear serves to protect workers from inhalation of asbestos fibers. It also allows them to be fully decontaminated before leaving the site, thereby *protecting the community*. *People who are not working with the materials on site DO NOT need to wear this protective gear.*
- ♦ **Decontamination.** The work areas at the schools will be fenced and segregated to prevent contamination from being spread beyond the excavation areas. During the removal, workers or equipment cannot leave the site without a thorough decontamination. This includes removal of disposable clothing and washing of any exposed body parts or equipment. Additionally, **NO ONE** will be allowed on site without authorization. *Please help us by keeping your pets away from the schools during these activities.*
- ♦ **Dust Control and Monitoring.** The removal work will be completed under conditions designed to prevent asbestos fibers from becoming airborne. This includes wetting the materials during excavation and transport, monitoring wind

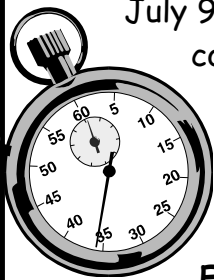


conditions, and making visual dust observations. As a further precaution, air monitoring will be used to verify the success of the control measures. The workers will be wearing personal air monitors, and the air in and beyond the work area will be continuously sampled for asbestos fibers *during the actual removal activities*. EPA may be contacting some residents about placing an air monitor on their property to provide air quality data in the neighborhood. *If you are interested in participating in the monitoring, please call the EPA Information Center at 293-6194.*



- ◆ **Road Safety.** Loaded and empty trucks will be traveling on city streets between the schools and the repository north of town. The drivers are experienced and are aware of the precautions necessary to move large trucks safely through town. Routes have been chosen to maximize safety, and drivers will be careful of their speeds and alert to the potential for children to be in the road. *Please help us by reminding your children to be extra aware of traffic during this time.*

- ◆ **Duration.** The work at each school will be done consecutively (Plummer Elementary, Libby High, then Libby Middle). The process entails three steps: mobilization, removal, and restoration. The first thing you may notice is the fencing that will be installed around each school's work area during the week of July 9. The asbestos removals should take less than two weeks each to complete, and this is when you may notice workers wearing protective gear and loaded trucks on city streets. The restoration can begin after the asbestos has been removed. With mobilization and restoration, the entire project should be done by late September.



EPA will be providing updates to local media, schools, and the Community Advisory Group (CAG) as the work progresses. You can check your newspaper, call the school superintendent's office, or attend a CAG meeting for more information. You can also call the EPA Information Center in Libby (293-6194), if you have any questions or concerns. Finally, if you know of any other asbestos source areas in your neighborhood, please let us know.



F.11 Advertisements for Public Meetings and Availability Sessions



**Please join the Environmental
Protection Agency for a
special public meeting**

**Wednesday, June 9, 2004
10:30 am – noon
Libby City Hall
Ponderosa Room**

**EPA Headquarters and Region 8 managers
will discuss additional funding
for the Libby asbestos project.**

A Question and Answer session will follow

Everyone is welcome



Libby Asbestos Site **EPA Public Meeting**

Tuesday, October 11, 2005

***Libby Memorial Center,
111 E. Lincoln Blvd, Libby, MT
6:30 to 8:30 pm***

After several years of time critical emergency response actions and investigation (including sampling of nearly every property in Libby), the site is nearing a significant milestone in the Superfund process. ***EPA will soon propose a long-term cleanup strategy for the site, based on this work.***

For those interested in past and future work at the site - including residential and commercial cleanups - ***this is truly a “must attend” public meeting.*** Come and find out how your voice and comments can be incorporated into the long-term cleanup strategy.

The meeting will include:

- A brief history of the site and major milestones
- EPA's cleanup strategy to date
- EPA's focus on involving and informing the community
- EPA's activities for the coming year



EPA staff will be available for questions. We will also introduce EPA's new Libby-based Remedial Project Manager, Mike Cirian.

***Everyone is welcome and
encouraged to attend!!!***

Libby Asbestos Site **EPA Town Meeting**

Tuesday, June 13, 2006
City Hall, Ponderosa Room
6:00 to 8:00 pm

Come and meet EPA Assistant Regional Administrator, Max Dodson. The meeting will include:

- Cleanup Update
- Presentation on the Libby Project Budget
- Brief Talk by Max
- Questions and Answers for Max and the Libby Project Team



Everyone is welcome and encouraged to attend!!!



Please note the revised location of this meeting!

Please Join Us for a

Town Meeting

.....

Libby Asbestos Site, EPA Region 8

Topics include:

- Project Update
- Plan for the Future
- Scientific Studies Leading to a Risk Assessment
- Question and Answer Session



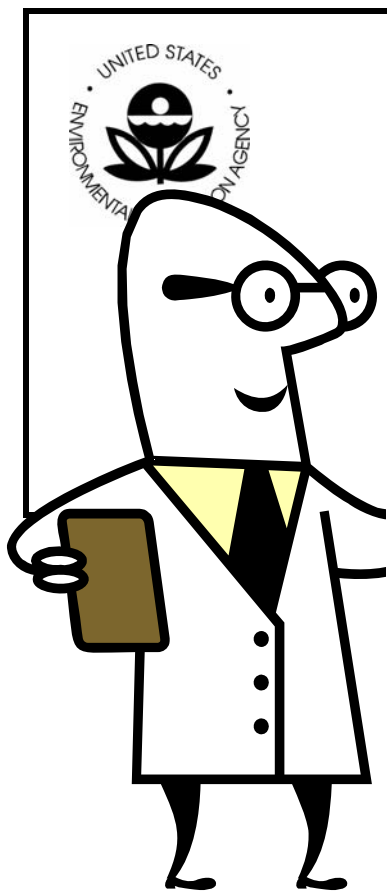
March 7, 2007
Libby Memorial Center
111 E. Lincoln Blvd
7:00 to 9:00 pm

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Call the EPA Info Center
if you have any questions
(293-6194)

Curious? **Just, ask an expert!**

EPA is bringing its top level scientists who are involved in studies regarding the Libby Asbestos Superfund Site Risk Assessment to Libby for a Public Availability Session.



This is a great opportunity to ask a real scientist about the toxicity studies being conducted over the next few years to support the Risk Assessment for Libby.

Unlike a public meeting, you don't have to ask your questions in front of a crowd. This is a relaxed event, where you walk in, visit tables with displays on various topics, and chat with some really smart people who are working behind the scenes to make Libby an even safer place to live.

You can come anytime you want between 4:30 and 7:30 and stay as long as you'd like.

Public Availability Session
Venture Inn
4:30 to 7:30, Wednesday,
September 26, 2007



Help EPA develop its 2008 work plan for Libby!

This is a chance to have your say on EPA's work plan for 2008. Please attend a special meeting of your Community Advisory Group (CAG).

Paul Peronard, EPA Libby Team Leader, will present the work plan and listen to your comments. Choices have to be made, but this year they won't be made behind closed doors!



The work plan outline and comment form are posted on two websites:

www.epa.gov/region8/superfund/libby
www.eaglesvoice.com

You can also get copies at the EPA Information Center, 501 Mineral Avenue (293-6194).

Turn your comments in at the Information Center or during the meeting. Your participation is greatly appreciated.

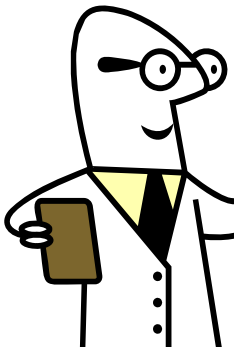
Community Advisory Group Meeting
January 10, 2008 - 7pm
Little Theater (Libby School District
Administrative Bldg. 724 Louisiana Ave.)

***This is your chance to significantly
influence the Superfund process!***

Libby Asbestos Site Epidemiological Presentation



At the request of the Libby Technical Assistance Group (TAG), Dr. Aubrey Miller will discuss the latest news on the epidemiological studies that are being done to support the human health risk assessment for the Libby Asbestos Superfund Site.



If you are interested in learning more,
please join us at the next TAG meeting:

Tuesday, February 12, 2008
Flathead Community College
7:00 to 9:00 pm

Please Join Us for a

Town Meeting

.....

Libby Asbestos Site, EPA Region 8

Topics to be covered:

- Project Update and Plan for the Future
 - ◊ Operable Units (the mine, Libby residential, Troy, etc.)
 - ◊ Environmental Resource Specialist position
 - ◊ Investigations (Activity-Based Sampling, Background, and Libby Action Plan)
- Question and Answer Session

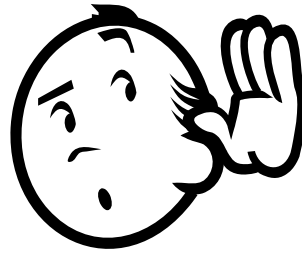


May 22, 2008
7:00 to 9:00 pm
The Little Theater
724 Louisiana Ave., Libby
(School Admin Bldg.)

Please call the EPA Information Center
if you have questions
(406) 293-6194

We'd Like to Hear from You

Representatives from the Agency for Toxic Substances and Disease Registry (ATSDR) will be conducting two **Listening Sessions** to hear public comment on ATSDR's "*Libby Amphibole Health Risk Initiative*."



The Initiative will fund a series of research projects that will support the Baseline Risk Assessment for the Libby Asbestos Superfund Site.

Your input is welcomed!



August 6, 2008

11:30 am to 1:30 pm *and* 5:30 pm to 7:00 pm
Ponderosa Room, Libby City Hall



Update on Sampling at the Vermiculite Mine

The public is invited to a special meeting of the Libby Area Technical Assistance Group (LATAG). EPA will discuss the results of the first phase of sampling at the vermiculite mine and the sampling program for this summer.

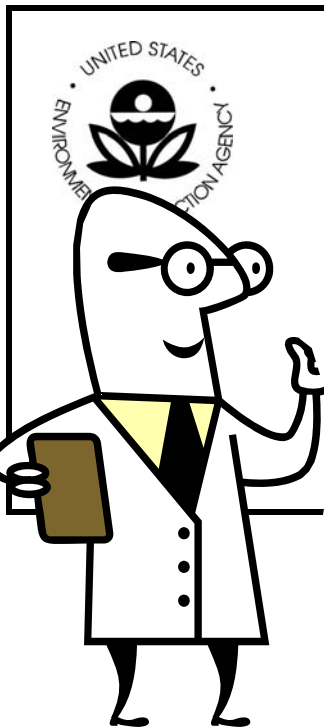


***August 12, 2008 - 7pm – 9pm
Little Theater (Libby School District
Administrative Bldg., 724 Louisiana Ave.)***

Curious About EPA's Libby Risk Assessment?

Here are two opportunities to ask an expert!

EPA is bringing its top level scientists (who are conducting investigations supporting the Libby Asbestos Superfund Site Risk Assessment) to Libby for two events.



The Technical Assistance Group (TAG) Meeting

The scientists will be featured speakers at the TAG. This is a typical TAG meeting format. You can listen to the presentations and then either just listen to or participate in the question and answer session.

The Public Availability Session

If you have a schedule conflict or just don't like public meetings, try the Public Availability Session. It's a great opportunity to speak directly to a real live scientist about the toxicity and epidemiological studies supporting the Risk Assessment. Unlike a meeting, you don't have to ask your questions in front of a crowd. It is a relaxed event, where you walk in, visit displays on various topics, and chat with some really smart people who are working behind the scenes to make Libby an even safer place to live. You can come anytime between 4:30 and 6:30.

We hope you'll take advantage of one of these two great events!

TAG Meeting
Flathead Valley Community
College,
7 to 9 pm,
September 9, 2008

Public Availability
Session
Venture Inn
4:30 to 6:30 pm,
September 10, 2008

Please join us for a special TAG meeting

Stimson Mill Update

Libby Asbestos Superfund Site, EPA Region 8

Topics to be covered:

- Update on activities and sampling results at the Stimson Mill Operable Unit
- Redevelopment plan for the future

Learn what the future holds for this important piece of property in the heart of Libby.



September 23, 2008
7:00 to 9:00 pm
The Little Theater
724 Louisiana Ave., Libby
(School Admin Bldg.)

Call the EPA Information Center if you have questions
(406) 293-6194



Town Meeting

Please Join Us For an
Update on the Project and
Related Topics

Libby Asbestos Superfund Site, EPA Region 8

- **Revised Site Management Plan**
- **Future Milestones**
- **Question and Answer Session**



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June 22, 2009

7:00 to 9:00 pm

**The Little Theater
724 Louisiana Ave., Libby
(School Administration Building)**

Please call the EPA Information Center
if you have questions
(406) 293-6194

F.12 Materials for Environmental Resource Specialist Position

ERS INFORMATION PACKET



- *Are you about to remodel?*
 - *Are you about to dig in your yard?*
- What will you do if you encounter asbestos or vermiculite on your property?*

**Call the Libby Area Environmental
Resource Specialist (ERS) for fast and
friendly advice**

Call 406-291-5335

or stop by one these two local information centers:

EPA Information Center, 501 Mineral Ave., in Libby
DEQ Troy Information Center, 303 N. Third St., in Troy



- *Are you about to remodel?*
- *Are you about to dig in your yard?*

What will you do if you encounter asbestos or vermiculite on your property?

Call the Libby Area Environmental Resource Specialist (ERS)!



The ERS can help you with questions about:

- How to plan properly to deal with known sources of asbestos when you remodel or demolish a property to reduce sources of exposure.
- What to do if you encounter unexpected sources of asbestos or vermiculite (during construction, gardening, excavating, etc.).
- What are the approved methods for removal, transportation, and disposal of asbestos contaminated materials.

In addition to helping local property owners and renters, the ERS will advise local contractors who encounter asbestos or vermiculite and will assist EPA and MDEQ in providing free education and training in the community.

**The ERS is YOUR asbestos resource.
Please don't hesitate to call if you encounter
vermiculite or asbestos on your property!**

**The ERS is can be reached at
406-291-5335**

or stop by one these two local information centers:

EPA Information Center, 501 Mineral Ave., in Libby

DEQ Troy Information Center, 303 N. Third St., in Troy

The ERS is available during traditional business hours and emergencies.

If you find vermiculite on your property, call the ERS for help in understanding and handling the situation.



**Libby Area Environmental
Resource Specialist (ERS)
406-291-5335**

During regular business hours or emergencies

If you find vermiculite on your property, call the ERS for help in understanding and handling the situation.



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Resource Specialist (ERS)
406-291-5335**

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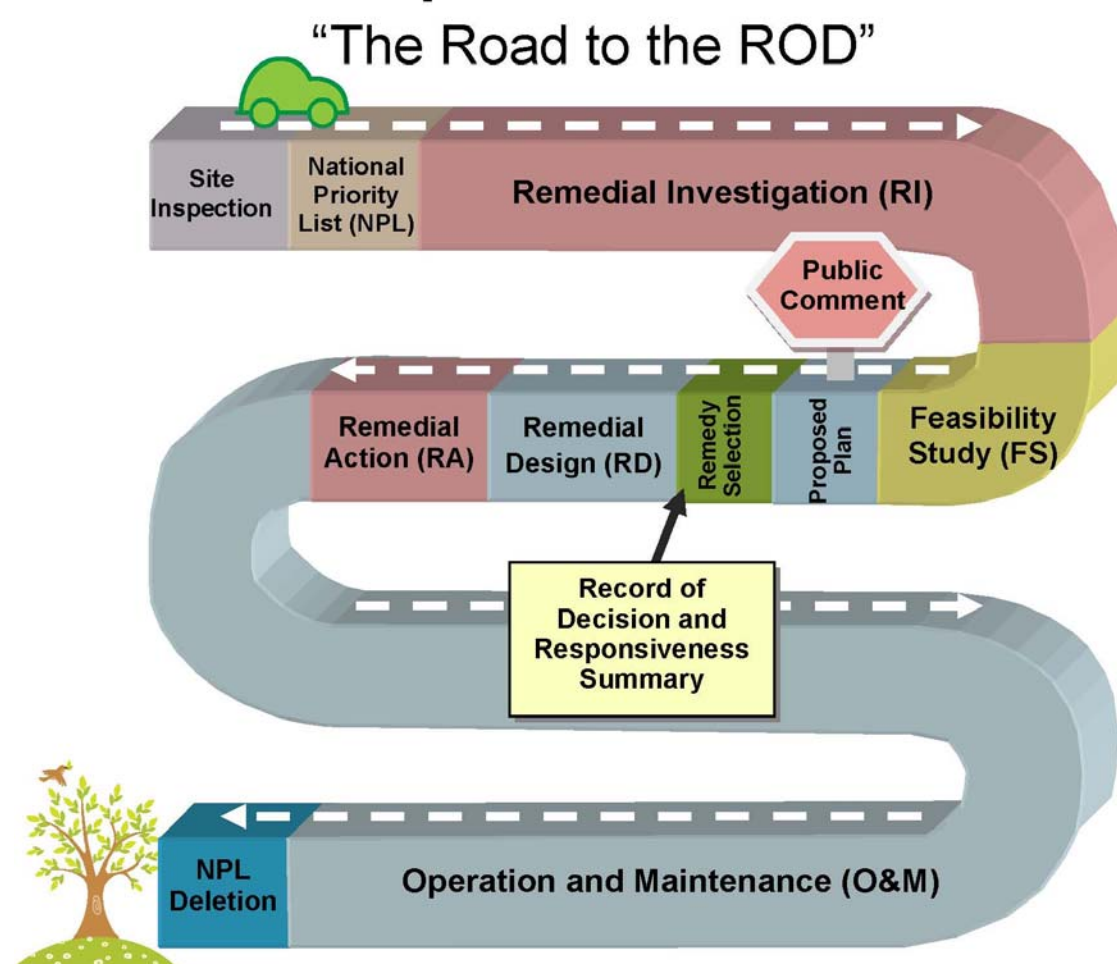


**Libby Area Environmental
Resource Specialist (ERS)
406-291-5335**

During regular business hours or emergencies

F.13 *Road to the ROD* advertisements

The Superfund Process



Libby Asbestos Superfund Site
Libby, Montana



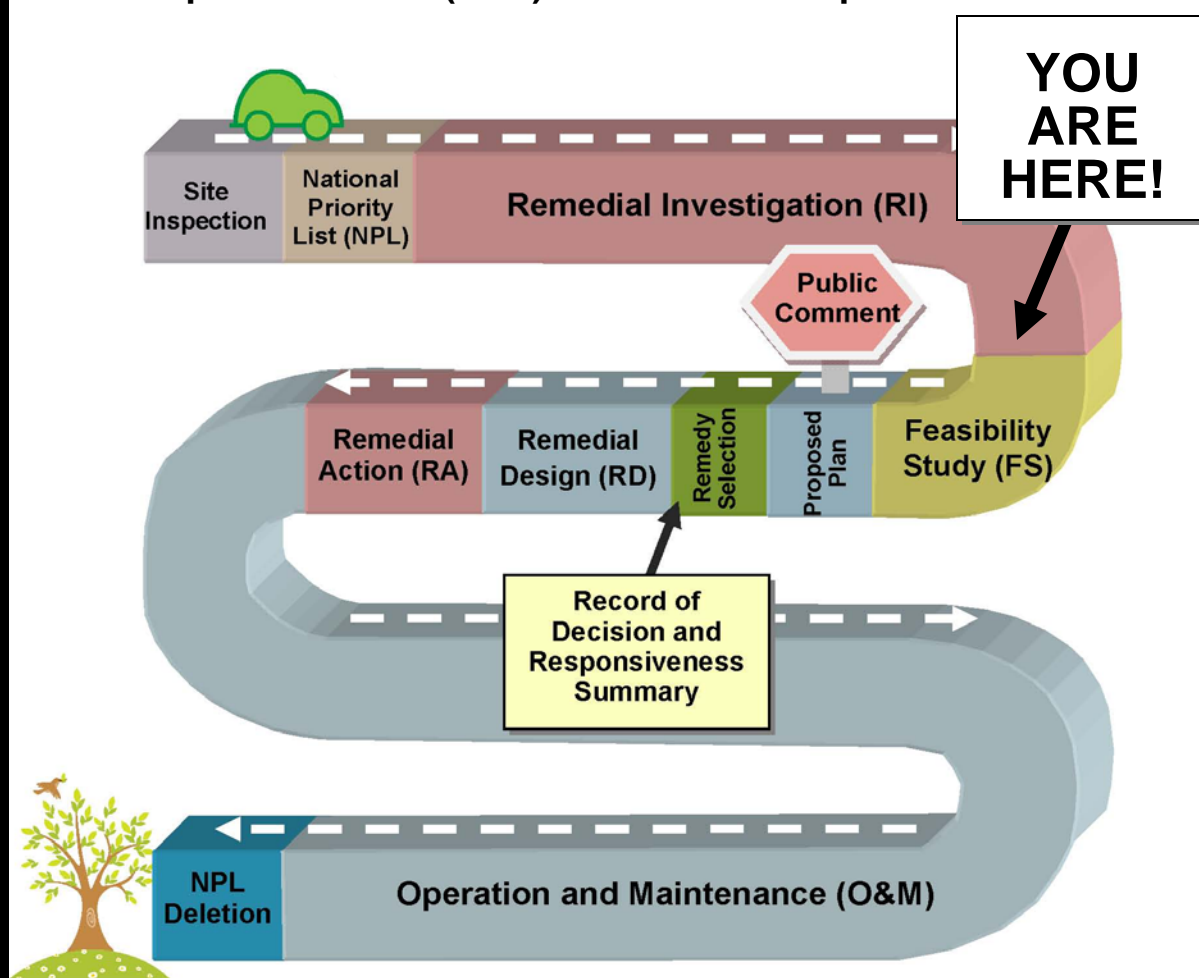
Over the next few weeks, we're going to be taking a nice slow ride along "The Road to the ROD" for Operable Unit 1 (OU 1 – the former Export Plant).

The Record of Decision (the ROD) is the document that officially describes EPA's final decision on a cleanup remedy. Keep an eye out for the next ad that will explain the first stop along the way....

The Superfund Process

“The Road to the ROD”

Operable Unit 1 (OU1) - The Former Export Plant



Libby Asbestos Superfund Site
Libby, Montana

The Remedial Investigation (RI) is the evaluation of the environmental data EPA collects to fully characterize the nature and extent of Libby Amphibole asbestos contamination. Site-wide RI characterizations in Libby have included:

- Sampling almost every home and business as part of the Contaminant Screening Study.
- Conducting indoor and outdoor Activity Based Sampling that tested the air around personnel simulating routine human activity.
- Sampling and analyzing outdoor ambient air at locations around town.

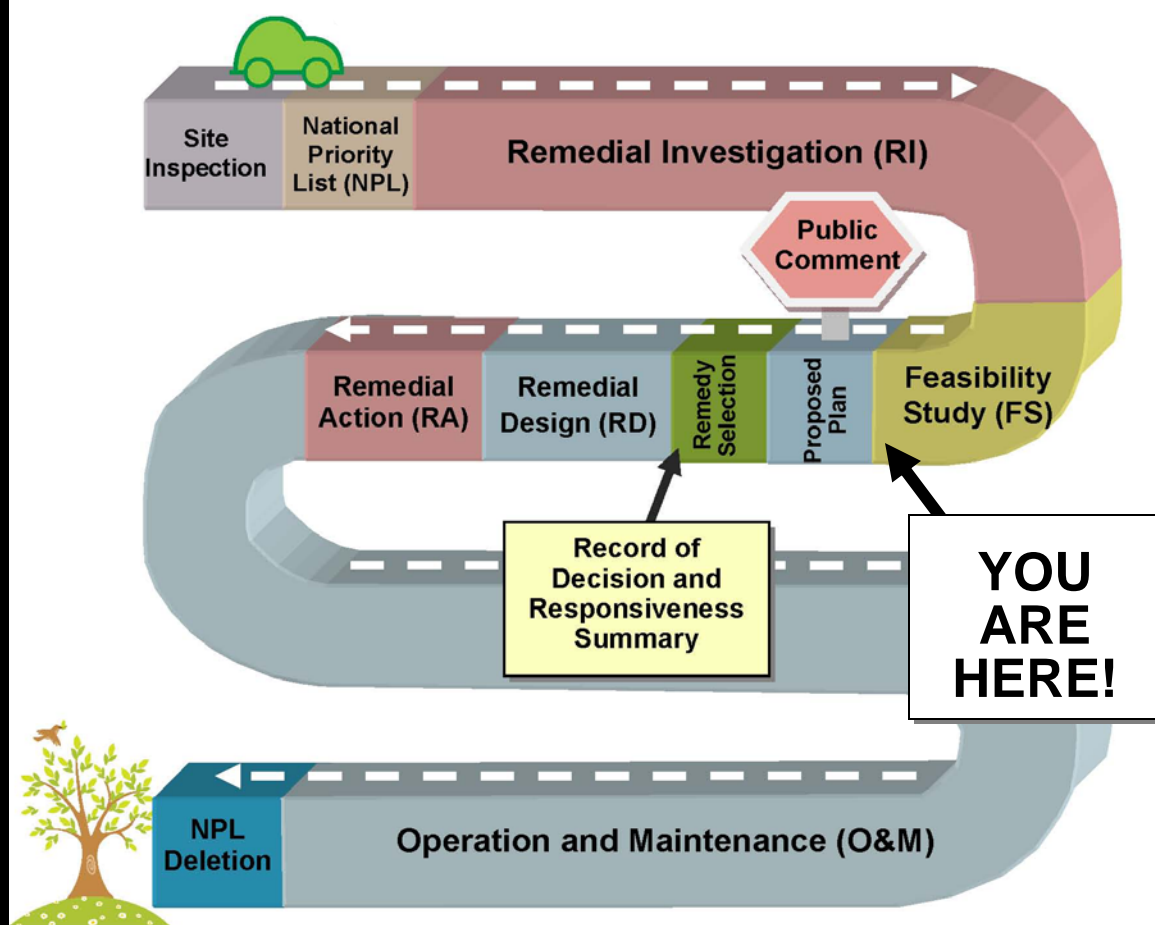
For Operable Unit 1 (OU1), soil was also sampled at the surface and at depth, and the Search and Rescue building was thoroughly examined. The OU1 RI report is expected to be completed by early June 2009.

ROD = Record of Decision

The Superfund Process

“The Road to the ROD”

Operable Unit 1 (OU1) - The Former Export Plant



Libby Asbestos Superfund Site
Libby, Montana

The Feasibility Study (FS) analyzes the protectiveness of the cleanup options for OU1, using the results of the Remedial Investigation (RI) and risk assessment.

The FS uses seven criteria to weigh the merits of each cleanup option. They are: overall protection of human health and the environment; compliance with ARARs; long-term effectiveness and permanence; reduction of toxicity, mobility, or volume; short-term effectiveness; cost; and implementability. Two final criteria—State and community acceptance are evaluated after comments are received on the Proposed Plan.

In addition to EPA’s scientists and engineers, the FS is reviewed by local community groups and elected officials. You can read the FS at the EPA Information Center on Mineral Avenue in Libby.

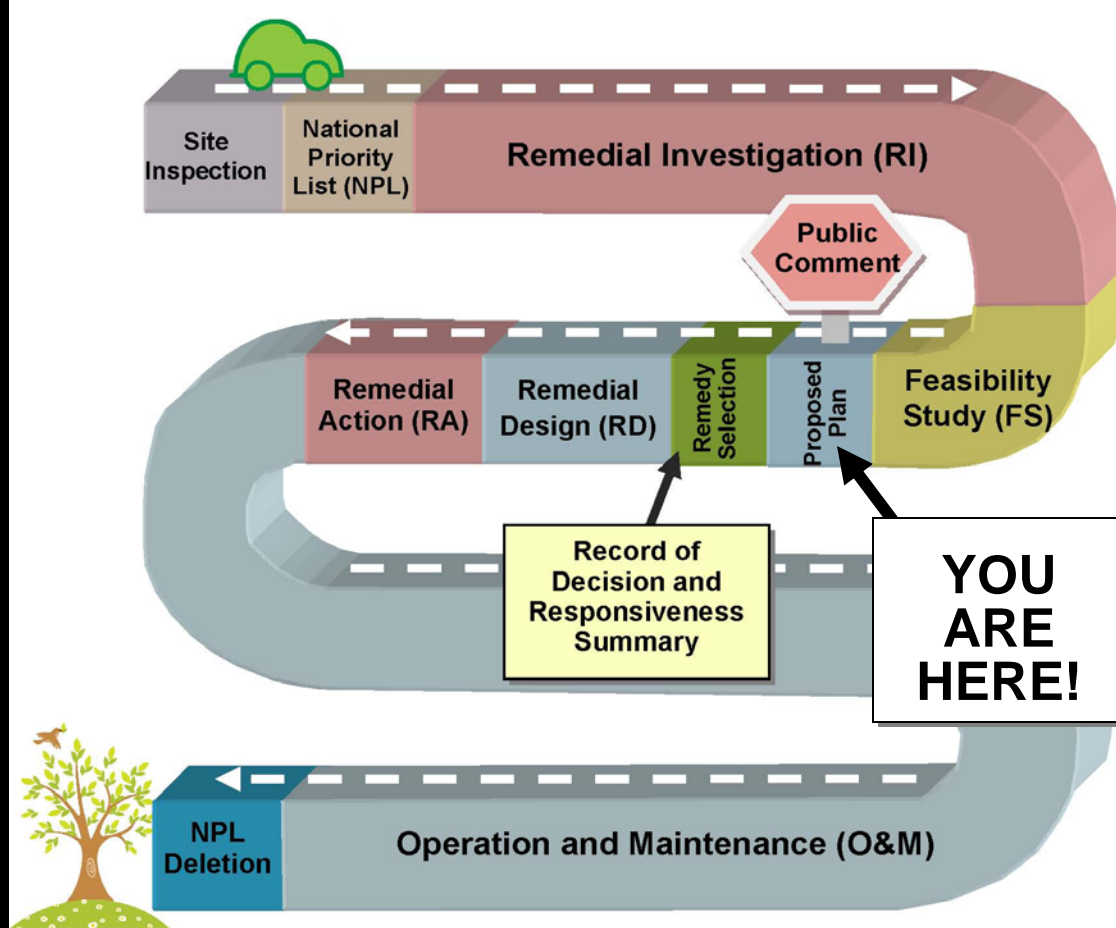
The public will have the opportunity to make formal comments on the FS and the upcoming Proposed Plan at the next stop on “The Road to the ROD.”

ROD = Record of Decision

The Superfund Process

“The Road to the ROD”

Operable Unit 1 (OU1) - The Former Export Plant



Libby Asbestos Superfund Site
Libby, Montana

Previous “Road to the ROD” ads have introduced the Remedial Investigation (RI) and the Feasibility Study (FS). We have now reached the final stage of our journey tot the ROD—the Proposed Plan.

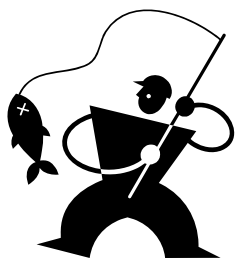
EPA uses the RI/FS results, and all other information on the site, to propose a plan for cleanup over the long-term, including Operations and Maintenance of the remedy after EPA leaves town. The Proposed Plan for OU1 will be mailed out to the entire community on September 14, 2009. This will be the start of the 30-day public comment period (September 14 to October 14, 2009).

A Proposed Plan public meeting is scheduled for late September 2009. EPA will present the highlights of the Proposed Plan at that meeting and will also record any comments that the public wishes to provide at that time. Comments can also be mailed or e-mailed directly to EPA within the 30-day public comment period.

Additional information on when and how to comment will be provided in the Proposed Plan, so watch your mailbox for your copy, or visit the EPA Information Center in Libby if you do not receive a copy in the mail.

The date, time, and location of the Proposed Plan public meeting will be listed in the Proposed Plan and announced in the local papers in the next few weeks.

ROD = Record of Decision



We're fishing for your comments.....

**The United States Environmental Protection Agency (EPA)
INVITES PUBLIC COMMENT**

EPA announces the availability of the

***Proposed Plans
for Operable Unit 1 (OU 1 – the former Export Plant) and
Operable Unit 2 (OU 2—the former Screening Plant)***

The Proposed Plans provide an overview of the site history, site contamination, and risk; summarize the remedial alternatives EPA is considering; and detail EPA's preferred remedial alternative and supporting rationale. The documents can be reviewed at the Information Repositories listed below and will be mailed to the residents of Libby and Troy.

The Agency seeks public comment on the Plans and will respond to these comments in the subsequent Records of Decision (ROD). **This is your primary opportunity to formally comment on how EPA plans to protect human health and the environment at OUs 1&2. You will also have the opportunity to comment on the Plan at a public meeting to be held on September 28, 2009 at the Little Theater (724 Louisiana Ave. in Libby) from 7:00pm to 9:00pm.**

The comment period on the Proposed Plan for OU 1 will begin on September 9, 2009; for OU 2 on September 16, 2009 and both will close on October 16, 2009.

Please mail or e-mail your comments to:

Ted Linnert

USEPA – Region 8 – 80C
1595 Wynkoop Street
Denver, CO 80202

E-Mail: linnert.ted@epa.gov
Phone: 800-227-8917 x6119 (toll free within Region 8)
303-312-6119 (direct)

INFORMATION REPOSITORIES

All technical documents supporting these Proposed Plans are posted on the Libby Asbestos webpage: www.epa.gov/libby. The Remedial Investigations and Feasibility Studies as well as the Plans themselves and all documents related to the site can be reviewed in person at the following locations:

EPA Records Center—Superfund Reference Desk
1595 Wynkoop Street
Denver, CO 80202
(303) 312-6473



EPA Information Center
108 E. 9th Street
Libby, MT 59923
(406) 293-6194

Libby Asbestos Superfund Site
Libby, Montana