



**Northern New Mexico Citizens' Advisory Board
ENVIRONMENTAL MONITORING, REMEDIATION AND
SURVEILLANCE COMMITTEE
2009 Work Plan**

SECTION 1. MISSION STATEMENT

The Northern New Mexico Citizens Advisory Board's (NNMCAB) Environmental Monitoring, Surveillance and Remediation (EMSR) Committee provides a citizen's perspective to the Department of Energy (DOE) on current and future environmental remediation activities resulting from historical Los Alamos National Laboratory (LANL) operations. The EMSR Committee will keep abreast of DOE and LANL's Environmental Restoration and Long Term Environmental Stewardship programs and plans. The committee will work with DOE and LANL to provide assistance in determining priorities and the best use of limited funds and time. Formal recommendations will be created when needed, and after approval, sent to the DOE for action representing the NNM CAB's position on issues pertaining to air, surface water and groundwater quality. The EMSR committee will also work to ensure early, ongoing community access to LANL Environmental Remediation and Stewardship information and to increase community dialogue that improves the quality of the decision making process of DOE and LANL.

SECTION 2. ISSUES TO BE ADDRESSED IN FY '09

The following list, divided into five subject areas, has been compiled with a view toward being comprehensive. The order in which items appear is descriptive of present priorities, as judged by committee leadership. It is imperative that a network of wells be developed which make up an effective groundwater monitoring network. However, also note, over the course of the next year priorities may change, and new items may be added. Thus, the following list is not intended to be prescriptive.

1. To ensure that the concerns of the EMSR Committee are fully addressed, the Committee will focus on the following aspects of the LANL Groundwater Monitoring Program:

- Track LANL progress relative to the 17 recommendations in the NAS final report.
- Track LANL effort to cleanup some existing wells and well screens and to drill between 10 and 20 new wells where needed, using drilling methods which will not compromise data.

*Environmental Monitoring, Remediation and Surveillance (EMSR) Committee
Work Plan FY'09
Approved by the NNM CAB on September 24, 2008*

- Track NMED requirements, any LANL Corrective Measures Evaluations (CMEs) and LANL's efforts to understand the movement of chromium in the aquifer.
- Review and understand new methodology as presented in Well Screen Analysis Report Revision 2, LA-UR-07-0873 and its significance in the presentation of well data. Additionally, evaluate new information that stainless steel screens negatively influence well data.
- Review progress of new wells (ie R35 and others.)
- Keep abreast of new conceptual model for Sandia canyon/ especially pertaining to chromium.
- Review changes that LANL may incorporate in the Integrated Project Execution Plan and Risk Management Plan concerning groundwater.
- Review LANL steps to annotate compromised well data in existing and new data bases. This item completed by July 2008.
- Keep abreast of any new hydrological data, studies or plans.
- Identify and Monitor Progress of Source Reduction (effluents.)
- Attend and contribute to the approximately three Groundwater Workshops presented by LANL, include Long term stewardship plans.
- Review the Final EPA Storm Water Permit when it is issued.
- Monitor Storm Water Data Reports as they are submitted to EPA.
- Work on developing a reporting information system to track development of all new wells.

2. Specific Areas of Interest regarding the Consent Order that the EMSR Committee will emphasize include:

- Monitor LANL / DOE Implementation of Deliverables contained in the Order. (Review LANL provided time table on a bimonthly basis.)
- Assess sufficiency of DOE support for NMED implementation of the Consent Order-- Develop (if) needed recommendations.
- Identify areas where accelerated cleanup is advisable.
- Review Sufficiency of proposed financial support for implementation of the Consent Order. As much as possible, follow and contribute priorities as LANL develops the FY11 budget. Evaluate task priorities as necessitated by budget and importance.
- Monitor Solid Waste Management Units (SWMU), contaminated sites under the Consent Order.
- Prepare a Recommendation on sufficient funding to complete Consent Order by 2015.

3. Monitor Progress on the characterization and remediation of the Material Disposal Areas (MDAs) covered by the Order.

***Environmental Monitoring, Remediation and Surveillance (EMSR) Committee
Work Plan FY'09
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- Review changes that LANL incorporates in the Integrated Project Execution Plan and Risk Management Plan concerning MDAs, and in particular plans for opening of new pits in Area G.
- Follow the MDA H pilot project to its conclusion through the choice of a final remedy.
- The Committee will also follow progress of investigations at MDAs B, L, G and other MDAs scheduled for work in 2009.

4. Environmental Data Reporting, Access and Quality Assurance.

The EMSR Committee will review data and the associated interpretive reports from LANL to ensure that data is readily available, easy to find and use, and that the value of the data (qualifications as to collection, accuracy, etc.) are clearly in place. This includes RACER and other data bases.

5. Review plans and remedies at an early stage to involve public in determining endpoints and long term stewardship

In all areas of cleanup, remediation and ongoing work, study the relationship of cleanup, endpoints expected when cleanup is completed and long term stewardship issues. The EMSR feels that end points should be included very early on in the plans for remediation. Under the Consent Order, public opinion is invited very late in the cleanup cycle, and it is hoped that the public can be included much earlier in the understanding and choice of endpoints and stewardship.

- Involve public by participating as a speaker at various groups with CAB information kit.
- Involve the public to work with the CAB to develop and implement a Community Involvement Plan

Documents pertinent to the Consent Order, which might be reviewed during FY09-- *Note: this chart may be updated periodically throughout the year.

SWMU 50-009 (MDA C)	Phase II Investigation Report	6/30/08
Upper Cañada del Buey Aggregate Area	Investigative Work Plan	6/30/08
Chromium Fate and Transport Modeling in Sandia Canyon	Revised Report	7/31/08
Threemile Canyon Aggregate Area	Investigative Work Plan	7/31/08
MDA T Vapor Monitoring	Monitoring Report	8/14/08

**Environmental Monitoring, Remediation and Surveillance (EMSR) Committee
Work Plan FY'09
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Report (2 nd Quarter)		
MDA T Vapor Monitoring Report (3 rd Quarter)	Monitoring Report	11/14/08
MDA T Vapor Monitoring Report (4 th Quarter)	Monitoring Report	2/14/09
SWMU 21-014 (MDA A)	CME Report	9/1/08
SWMU 54-013(b)-99 (MDAG)	CME Report	9/12/08
R-25b	Well Completion Report	9/27/08
SWMU 16-003(o)	Phase II Investigation Report	9/30/08
Pajarito Canyon	Investigation Report	9/30/08
New Wells (R-28 a & b) to Investigate Extent of Chromium Contamination	Completion Report	10/11/08
Sandia Canyon	Investigation Report	12/15/08
Middle Cañada Del Buey Aggregate Area	Investigation Report	1/15/09
MDA T Vapor Intrusion Assessment	Report	3/31/09
Lower Sandia Canyon Aggregate Area	Investigation Work Plan	4/30/09
Lower Mortandad/Cañada del Buey Aggregate Area	Investigation Work Plan	4/30/09
Interim-Facility-Wide Groundwater Monitoring	Work Plan Update	5/30/09