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2 **NORTHERN NEW MEXICO CITIZENS' ADVISORY BOARD (NNMCAB)**

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4 **Recommendation to the Department of Energy**  
5 **No. 2009-03**

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7 **Recommendation for Consideration of Suggestions Contained in the Kerr Lab**  
8 **Report of 3-30-09**

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10 **Drafted by the NNMCAB Environmental Monitoring, Surveillance and**  
11 **Remediation Committee**

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14 **Background**

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16 The Environmental Protection Agency's (EPA) National Risk Management Research  
17 Laboratory – Ground Water and Ecosystems Restoration Division (Kerr Lab) reviewed  
18 Los Alamos National Laboratory's (LANL) Well Screen Analysis Report Revision 1  
19 (WSAR Rev1). In a letter from Kerr Lab staff to EPA's Rich Mayer, dated February 16,  
20 2006, several suggestions for the improvement of LANL's groundwater monitoring  
21 program were made.

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23 Additionally, Kerr Lab was requested by the Northern New Mexico Citizens Advisory  
24 Board (NNMCAB) in a letter dated November 20, 2007 to Mr. Rich Mayer, CAB EPA  
25 Liaison member, to review the following two Los Alamos National Laboratory (LANL)  
26 Reports:

- 27 1. *Well Screen Analysis Report, Revision 2, LA-UR-07-2852 May 2007,*  
28 <http://www.lanl.gov/prr/Water/PRR-WTR-0020.pdf>  
29 2. *Groundwater Background Investigation Report, Revision 3, LA-UR-07-2853 May*  
30 *2007, <http://www.lanl.gov/environment/h2o/docs/FinalGWBackgroundIRR3.pdf>*

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32 In a memorandum to Mr. Rich Mayer, dated 3-30-09, and in a presentation to the  
33 Northern New Mexico Citizens Advisory Board (NNMCAB) on April 8, 2009, Kerr  
34 Laboratory staff presented the results from their review.

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36 **Comments and Observations:**

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38 At a meeting of the NNMCAB on April 8, 2009, the Kerr Lab's Mr. Steven D. Acree and  
39 Mr. Richard T. Wilkin presented the results of their review of LANL's WSAR Rev 2.

1 The results included recommendations for further improvements in LANL's groundwater  
2 monitoring program.

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4 The NNMCAB considers that the recommendations provided by the review performed by  
5 the industry experts from EPA's Kerr Laboratory are an important contribution to the  
6 overall success of LANL's environmental remediation and protection of groundwater  
7 resources.

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9 **Recommendation:**

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11 **1. The NNMCAB recommends that the results of the Kerr Laboratory review**  
12 **described above be formally transmitted to Department of Energy**  
13 **Environmental Management Headquarters (DOE/EM/HQ) for their use in**  
14 **the scheduled review, by the Expert Panel, of LANL groundwater**  
15 **monitoring programs.**  
16 **2. It is also requested that the DOE forward the report to Los Alamos National**  
17 **Security Environmental Management (LANS/EM) for their evaluation and**  
18 **use in making their groundwater monitoring program as strong as practical.**  
19 **3. NNMCAB will place this report in our public document files.**

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21 **Intent**

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23 The intent of this recommendation is to provide the DOE and LANS EM with  
24 independent expert technical evaluations and recommendations from EPA to assist in  
25 their efforts to implement the best possible groundwater monitoring program.

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27 **Effect**

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29 The effect of implementing this recommendation will be to help to maintain public  
30 confidence in the ongoing cleanup at LANL.