November \_\_\_\_\_, 2018

By email to: [Pam.Castaneda@state.nm.us](mailto:Pam.Castaneda@state.nm.us), Hearing Clerk

[John.Verheul@state.nm.us](mailto:John.Verheul@state.nm.us), NMED Attorney

[Steve.Pullen@state.nm.us](mailto:Steve.Pullen@state.nm.us), NMED Ground Water Quality Bureau

Pam Castañeda, Hearing Clerk

New Mexico Environment Department

P. O. Box 5469

Santa Fe, NM 87502

Re: Public Comments about LANL Groundwater Discharge Permit

DP-1793, No. GWB 18-05 (P)

Dear Ms. Castañeda:

I am deeply concerned about this discharge permit for groundwater remediation projects at Los Alamos National Laboratory (LANL).

The permit that has been in operation since July 2015, does not protect the future use of ground water. In fact, by allowing waters still polluted by hexavalent chromium (chromium 6, made famous in the 2000 *Erin Brockovich* movie) to be land applied does not protect water, public health, and the environment. It spreads pollution on to the land where it can be picked up by the wind. It can seep into the complex geology of the Pajarito Plateau and into the regional drinking water aquifer.

I understand that mycoremediation, which uses mycelium to remove the total chromium (chromium 6 and chromium 3) from the waters, can cleanup the waters to zero pollution. The permit must require a timeline for the Department of Energy and LANL to explore the use of mycelium to cleanup the chromium contamination so that field tests may be done in the summer of 2019.

Thank you for hearing my concerns.

Sincerely,

Name and email address