

MINUTES OF THE SENATE COMMITTEE ON ENERGY AND NATURAL RESOURCES.

The meeting was called to order by Chairperson Senator David Corbin at 3:30 p.m. on January 10, 2000 in the Old Supreme Court Room of the Capitol.

All members were present except: Senators Pugh, Stephens and Vratil

Committee staff present:

Raney Gilliland, Legislative Research Department
Lila McClafin, Committee Secretary

Conferees appearing before the committee:

Dr. Bill Hargrove, Kansas State University
Clyde Graeber, Secretary, Department of Health and Environment
Greg Foley, Department of Health and Environment
Karl Mueldener, Department of Health and Environment
Joe Fund, Department of Health and Environment
Gary Keeler, Department of Agriculture
Dale Lambley, Department of Agriculture

Others attending:

See attached list.

The joint meeting of the Senate Energy and Natural Resource Committee and the House Environment Committee was called to order by Representative Joann Freeborn. The agenda for the meeting was a review of Confined Animal Lagoon Research presented by Dr. Bill Hargrove, Kansas State University.

Dr. Hargrove showed a slide presentation and distributed handouts reviewing the lagoon research, and responded to questions on the issue ([Attachment 1](#)). He told the committee that the information had been compiled by Jay M. Ham, Associate Professor, Department of Agronomy, Kansas State University. Dr. Hargrove presented the following summary:

- Seepage rates are low
- Sludge does reduce permeability of liner
- Some nitrogen does move into the subsoil
- In many cases, much of this nitrogen will remain close to the lagoon
- The storehouse of nitrogen under the lagoon could become mobile and move toward the groundwater when the lagoon is emptied and dried (closure)

Dr. Hargrove, Secretary Graeber and other Staff members from Department of Health and Environment responded to questions. In closing, Dr. Hargrove told the committee testing is being conducted on sandy soil condition in Harvey County to assure the underground water in the Equus Beds Region is being protected. Also considerable testing is being conducted to determine what happens to the concentrations of ammonium after the lagoon is no longer in use.

Chairperson Freeborn announced the agenda for Tuesday, January 11, and the meeting was adjourned at 4:30 p.m.