

For the 11th on
Friday

Arrington, Larry R

From: Norwood, Lorna H (Lorna)
Sent: Friday, December 02, 2011 12:57 PM
To: Arrington, Larry R
Cc: Evans, Richard M
Subject: Notes for Meeting with the Governor's Staff

Importance: High

As promised, here are some points about the research into gas and oil drilling that we are considering and have discussed on our previous meetings with Buddy.

- It would be a managed, protected, controlled project.
- Fact-based scientific demonstration. Would provide baseline research.
- Would lead to new best management practices for Tennessee based on scientific data
- Critical Research Objectives:
 - Impact of fracking on shale
 - Impacts on water quality
 - Safety (and environmental impacts of) of water that comes out with the petroleum
 - Wildlife (Cerulean Warbler especially, but others
 - Infrastructure (roads) impact i.e. runoff/erosion
 - Disruption of extracting oil
 - Fracking
- Could involve many partnerships to fund research

Forest Management – Dave Buckley

Endangered and Threatened Species – David Buehler, Larry Wilson

BMP for road construction – Daniel Yoder

Diversity of ecology – Matt Gray

- Would be an interdisciplinary project.
- UT would have a unique opportunity to study the current forest ecology and the impact of “common industry practices” in the gas and oil industry on the ecology, water quality (erosion), etc. where natural resources (timber/gas and oil) are being commercially managed.

Back in September, I made the note that faculty members were to be asked to submit one-page proposals of potential areas of research. I don't know if that has ever been done.

Richard, I'm drawing a blank on the name of our shale. Dr. Arrington probably knows, but will you email us both the name just in case. Also, if there is anything inaccurate or that I've missed with regards to the list above, please add and send back to me and Dr. Arrington.