Landfill Liners

One major concern with all landfills still holds true today. That is the issue of contamination. The U.S. Environmental Protection Agency (EPA) has conducted a lot of extensive research on this very subject. Ground contamination is clearly evident, and even more alarming, so is ground water contamination. This is a major concern for residents near the landfill, seeing as many still rely on "well water" as their main source of household water and/or drinking water. "Well water" is simply ground water that is pumped out of a well into the residence. The following are some excerpts from an article on the EPA's study of landfill contamination (located at http://www.bekkoame.ne.jp/~mineki/shobun_e.htm):

> U.S. Environmental Protection Agency [EPA] funded research which showed that burying household garbage in the ground poisons the groundwater. On several occasions, EPA spelled out in detail the reasons why all landfills leak.
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> EPA's 1991 regulations require an expensive landfill design: two liners in the ground and an impervious plastic cover over the landfill after it has been filled with garbage. This is "state of the art" technology, the very best that modern engineers can build. However, EPA officials still expect such landfills to fail and eventually poison groundwater.
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> A 1990 examination of the best available landfill liners concluded that brand-new state- of-the-art liners of high density polyethylene (HDPE) can be expected to leak at the rate of about 20 gallons per acre per day (200 liters per hectare per day) even if they are installed with the very best and most expensive quality-control procedures.[2] This rate of leakage is caused by pinholes during manufacture, and by holes created when the seams are welded together during landfill construction. (Landfill liners are rolled out like huge carpets and then are welded together, side by side, to create a continuous field of plastic.)Now examination of actual landfill liners reveals that even the best seams contain some holes.

It is reasonable from available research and history to conclude that all landfills, no matter the technology, methods, or practices used, will contaminate the environment and ground water. On several occasions, Waste Management has faced penalties and fines for not properly taking steps to reduce contamination. (http://stopwmx.org/wmcom.html)

Conclusion

The key to the success or failure of the proposed Waste Management project lies in the hands of Cherokee County's councilmen. Thankfully these men have placed the procedure of their approval in order for the landfill to locate inside of Cherokee County. These men are representatives of their respective districts. Therefore, as representatives and decision makers, these men value the voice of the citizens of Cherokee County. They appreciate the concern of citizens and respectable, well educated opposition to the landfill.

District 1	**Rufus H. Foster**	**(864) 489-4216**
District 2	**H. Bailey Humphries**	**(864) 487-0216**
District 3	**J. Quay Little**	**(864) 487-7681**
District 4	**Timothy F. Spencer**	**(864) 487-7015**
District 5	**Charles T. Mathis**	**(864) 489-9960**
District 6	**L. Hoke Parris**	**(864) 489-4616**
District 7	**James D. Batchelor**	**(864) 839-6229**

For more information please visit www.groups.yahoo.com/group/clout2008/

ACTION and TRUTH

Actively spread the truth about the proposed landfill in a respectful and well educated manner.