

McIntosh, Cheryl (EEC)

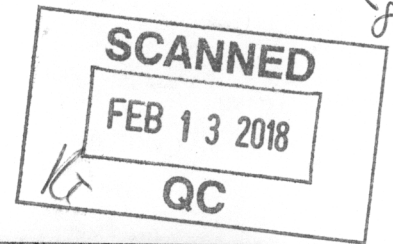
From: Perry Meade <perry@pmgoffice.com>
Sent: Monday, February 12, 2018 2:45 PM
To: Cummins, Jeff (EEC)
Cc: Perry Meade; penmeade28@hotmail.com
Subject: FW: Incorrect email in notice from last weeks paper in Estill County

Jeff -

Photo of newspaper ad from last weeks newspaper in Estill County.
Need to run the ad again to correct your email address.

Perry Meade

From: Perry Meade [mailto:pmade1@icloud.com]
Sent: Monday, February 12, 2018 2:40 PM
To: Perry Meade <perry@pmgoffice.com>
Subject:



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any unit are collected from the bottom of the waste pile, and they commit to move methane extraction wells out of the area. A couple of points to make concerning this alternative. The real concern with elevated levels of radionuclides in the waste pile is the potential for rain water to leach down through the pile and carry the radionuclides from this drilling waste further down to the ground water table at levels high enough to be of concern to human health.

It is important to note that this is a "capped landfill". By design, its bottom has 3 feet of very low permeability recompacted clay covered by virtually impermeable 60-millimeter-thick high-density polyethylene geomembrane - all meant to prevent any number of nasty elements and compounds in municipal solid waste from leaching down to the ground water. (Leachate is drained from the top of this membrane, tested and treated.) The clay layer on the bottom will never degrade. The geomembrane on top of the clay has a design life of 200 years; recent testing suggests the real-life expectancy is closer to 2000 years or more. The final cap over the landfill includes 6 inches of compacted clay, 40 mil geomembrane, and 36 inches of top soil. The called for enhancement to this top cap adds another layer below the clay. The primary purpose of the cap, other than preventing erosion of the pile, is to prevent rain water from getting to the waste pile at all: water runs off the cap instead of leaching down through the cap. The design life of the top geomembrane is also 200 years, with recent testing suggesting the real life is as much as 1400 years, at a minimum. The conclusions of the Risk Analysis and the CAP report are that Alternative 1 is the recommended course of action, it being most protective of the environment and human health and safety now and into the calculable future.

Remediation Alternative 2: Excavate and Re-dispose BES Waste. This alternative proposes removing approximately 16,300 cubic yards of soil and MSW from the area above the drilling waste and then removing an estimated 45,575 cubic yards of mixed drilling waste, MSW, and dirt. The plan calls for moving 25 truckloads of waste a day, each loaded with 20 tons of the waste, taking approximately 93 work days (1,823 truckloads). The proposed redisposal site is 425 miles away in Pennsylvania. The landfill intends to continue operations during this removal process, so they would no doubt hire an outside contractor to perform and manage the removal.

Both alternatives include the same preventative measures for precluding this kind of violation in the future: install radiation detection devices (now installed at the entry to the scales) and develop policies, procedures and training for ensuring all vehicles entering the landfill pass through the radiation detectors and what to do if an alarm is triggered. These procedures are in place today.

Please, please think about this and VOTE. This is our county. Your opinion makes a difference. Be heard. Just a quick email to the EEC from you can make a difference. All you need to say is: "I concur that Alternative 1, Closure in place and monitoring, is the right course of action," or "I believe the state should pursue Alternative 2, Excavate and redispose." You can explain your position, or not. Include your name, address and add "Citizen of Estill County" at the bottom of the email. If you do not have email you can send a letter or hand-written note. However, if you are going to use the mail you need to do it today - the deadline for receiving comments is this coming Monday, 12 February.

At the top of your email or letter write: Reference Agency Interest No. 998 and Agreed Order DWM-160048

Send emails to JeffCummins@ky.gov
Send letters to: Jeff Cummins
Director, Division of Enforcement
300 Sower Boulevard
Frankfort, KY 40601

...the words edited due to its length.

Sent from my iPhone