

TA-21 '08 DP Aggregate



**Roberts, Kathryn, NMENV**

**From:** Roberts, Kathryn, NMENV  
**Sent:** Thursday, January 24, 2008 9:15 AM  
**To:** 'Mark S. Thacker'; Cobrain, Dave, NMENV  
**Cc:** 'Allan Chaloupka'; 'Roy Bohn'; 'Day, Emily'; 'Kirby Olson'; bill criswell; duanep@lanl.gov  
**Subject:** RE: [Released] FW: screening for stockpile 139

Mark,

NMED has reviewed your request to reuse stockpiled overburden material from SWMU 21-024(i) as backfill material at SWMU 21-006-99 and determined that the Permittees cannot use the stockpile material as backfill. Although the exceedance for benzo(a)pyrene is only 0.01mg/kg over the residential SSL, it is nevertheless an exceedance.

Page C-2 of the Permittees' revised Appendix C, *Management Plan for Investigation Derived Waste* (June 6, 2007) states "[i]f the layback and overburden spoils are determined to be suitable for reuse (i.e., meets residential cleanup standards as determined using New Mexico Environment Department (NMEDs) soil screening guidance), LANL will use this material to backfill DP site aggregate area corrective action excavations."

Therefore, the Permittees are prohibited from using the stockpiled soil (stockpile 139) as backfill at SWMU 21-006-99.

Please let me know if you have any questions.

Katie

**From:** Mark S. Thacker [mailto:mthacker@lanl.gov]  
**Sent:** Wednesday, January 23, 2008 9:45 AM  
**To:** Roberts, Kathryn, NMENV  
**Cc:** 'Allan Chaloupka'; 'Roy Bohn'; 'Day, Emily'; 'Kirby Olson'; bill criswell; duanep@lanl.gov  
**Subject:** FW: [Released] FW: screening for stockpile 139  
**Importance:** High

Katie, attached are the results of some stockpiled soil from 21-024(i), it was overburden soil. As you will see there is an ascendance for benzo(a)pyrene at 0.010 ppm above the residential SSL, which is very low for this compound. LANL requests permission from NMED to utilize this soil for backfill below 10 feet at SWMU 21-006-99. Utilization of this soil below 10 feet precludes a residential risk assessment and would pose no excess risk to the public or environment while providing a beneficial reuse.

Mark

**From:** Kirby Olson [mailto:kolson@portageenv.com]  
**Sent:** Friday, January 18, 2008 3:29 PM  
**To:** 'Mark S. Thacker'; 'Roy Bohn'; 'Duane A. Parsons'; dblain@portageenv.com; 'Ron DeSotel'  
**Subject:** [Released] FW: screening for stockpile 139  
**Importance:** High

Hi Mark,

The validation of the data from the sample for this stockpile has the same result for benzo(a)pyrene. We talked a little about this at the 1/16/08 DP Aggregate meeting, and having you discuss it with NMED is probably the best approach at this point. We would like to reuse this soil because the exceedance of the SSL is very small. I've attached the screening table to this email. Please let me now if you'd like any assistance with an explanation to send to NMED.

30313

1/24/2008

