

**From:** hth@lanl.gov on behalf of Todd Haagenstad [hth@lanl.gov]

**Sent:** Wednesday, December 14, 2005 4:49 PM

**To:** Owens, Kirk W.

**Cc:** ewithers@doeal.gov; rhull@lata.com; goldberg@lanl.gov; 'Ron Rager'; isaacson@lanl.gov; sradz@lanl.gov

**Subject:** FW: TA21 Area Calcs

**Importance:** High

**Attachments:** TA21 mesa area2.pdf

Kirk,

As promised...regarding land disturbance estimates for TA-21. This should close the loop on LANL action items from yesterday's conference call.

Regards,  
Todd

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**From:** Ron Rager [mailto:rrager@lanl.gov]

**Sent:** Wednesday, December 14, 2005 2:30 PM

**To:** 'Todd Haagenstad'

**Subject:** FW: TA21 Area Calcs

**Importance:** High

Todd,

Based on the attached map of TA 21. It appears we will disturb approximately 80 acres of previously disturbed area and up to 30 acres of undisturbed mesa top. Another 20 acres of previously undisturbed canyon wall/bottom may also see some disturbance. If you have any questions, please call me.

Ron

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**From:** Schneider, William H. [mailto:William.H.Schneider@WestonSolutions.com]

**Sent:** Wednesday, December 14, 2005 12:05 PM

**To:** rrager@lanl.gov

**Subject:** TA21 Area Calcs

**Importance:** High

Hello Ron,

Does this map target your areas of interest?

Please let me know  
Thanks  
WHS

***PS The 311 Acres reported for the original calculate was actually for the entire TA-21 Boundary and not the polygon presented on the air photo... Sorry for the mistake***

Area (ft2) Acres

Undisturbed	1263916	29.01552
Distrubed	3642187	83.61312
Outside	956453.8	21.95716

ta-21 polygon	13576564	311.675
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# TA-21, Los Alamos, NM

## Legend

- TA-21
- ta21\_mesa\_Intersect3



Coordinate System:  
New Mexico State Plane  
Zone 3002, NAD83, Feet

Graphical Scale

0 1,000 Ft

