

**Additional Sheet**  
**2022 Annual Report**  
**Menzer Quarry**  
**M-1976-009HR**  
**Schmidt Construction Company**  
**Anniversary Date: December 31**

*1. Addition of a “DISTURBANCE BOUNDARY:”*

In past annual reports, as is the case with many annual reports, there are two usages for “Affected Land,” but only one definition. One usage is the “Affected Land Boundary” in the permit and on the maps. In the Menzer Permit this is a line located, in most places, 25 feet inside the Permit Boundary which generally follows the property boundary in most places. This boundary, like the Permit Boundary, can only change with an amendment to the permit.

But there is another usage that occurs in the annual report and that is a question about how many acres were **affected** in the last year. Obviously these are different but the use of the word “affected” in both usages can cause confusion because there is only one definition, even among those who know permitting language and especially among those who do not know the differences.

Therefore, on the map the current actually affected land will now be referred to as **disturbed land**. Thus confusing the two affected land usages in conversation is less likely occur. However, the two uses of affected land is still present in the actual approved plans. But because most people look at the map first and then the plan text the person can at least start off recognizing the difference between “Disturbance Boundary” and “Affected Land” or “Affected Land Boundary.” Clearly land that has been disturbed has also been affected, but because of the two uses it is easy for someone to assume that because the area disturbed changes so does the affected land - but which one? Only the “disturbance” usage changes.

This is different than it was years ago when the only boundary that is fixed and cannot be changed without an amendment was the permit boundary. But now the affected land boundary is also fixed unless you are talking about the edge (boundary) of a disturbance which now can also be called an affected land boundary. So why not just call it what it is - **disturbance**?

*2. Drone Aerial Image of the west end of the quarry where the mining is occurring.*

Each time blasting is done at the quarry the blasting contractor sends up a drone to photograph the area and obtain a video of the actual blast. Schmidt is provided copies of these image files. Most would be of little use in an annual report, but some take in a much wider view to show a broad view of the mining area for future planning and assessment of what should be mined next. In August 2022 an image was taken that was especially fine for showing the entire mining area. Then, using other data sources, spot elevations were placed on the photo. A copy of this fine photo is provided here to complement the topographic map with a more comprehensible image of the whole western area. This photograph shows far, far more than a topography map could ever show unless the topo map fits the scene and is then laid on top of the photo. But then all the topography lines fracture the integrity of the photo. In the future these may be used again. But keep in mind these photos are not taken to show the quarry and its status, or produce topography maps, but rather to record the details of a single blasting operation.