

7. Mining impact assessment report. All applications for proposed major mining operations that will include blasting or the processing of raw material shall present a mining impact assessment report prepared by a professional environmental consulting, planning or engineering firm addressing subsections a. through d. below. The assessment report shall identify impacts to reflect all individual and cumulative impacts resulting from phasing of the proposed mining operations or activities.

**Mining Impact Assessment Report. The DNM cover letter provides responses to the required items.**

- a. **Compatibility. Blasting is not proposed. A 100 foot buffer is proposed to mitigate sound and vibration transmission to offsite area. The proposed activity is not expected to cause vibration beyond the proposed buffers. The equipment utilized for loading and the trucks area typically equipped with back-up alarms which may be heard beyond the proposed buffers especially when operated near the perimeter of the mine. The ERP report submitted indicates no issues with environmental resources. There does not appear to be any cultural or historical resources in the area of concern.**
  - b. **Transportation System. A traffic study was submitted by Kittelson & Associates and Pavement Analysis for C-337 by Geo-Tech, Inc. as discussed in IIC2 above.**
  - c. **Water Pumping Activities. Water pumping activities do not appear to be proposed or required for the facility. It is noted that there are two existing wells within the proposed excavation area. It appears that a 100 foot buffer will be provided around these wells.**
  - d. **Fill Activities. The DNM cover letter indicates that they “will only utilize clean fill material to reclaim the subject property to the original agricultural use and existing grade.” No specific fill activities are indicated in the plans. Any plans for filling should be provided for review and approval.**
8. **Documentation/Application. The applicant has provided the following documents:**
- a. **DNM cover letter to Levy County Planning & Zoning date May 24, 2023 which includes brief description of the project and provides narrative to the items required by Section 50-719 Subdivision II (c) and (d). This includes a section entitled “Mining Impact Assessment Report.”**
  - b. **Environmental Resource Permit Application for 3RT Sand Mine dated March 2023 prepared by DNM Engineering & Associates, Inc.**
  - c. **Environmental Resource Permit Plans for 3RT Sand Mine dated 3/1/2023 by DNM Engineering & Associates, Inc.**
  - d. **SWFMWD ERP permit 43046299.000 issued 12/22/2022**
  - e. **Boundary survey by Rogers Engineering, LLC date 2/28/2023**