

**Attachment A2:  
Final EIS Additions**

- Revised Pages ES-42 and 5-4
- Appendix F- 2012 Traffic Analysis

- Monitor the mitigation methods used at the Site to reduce emissions of fugitive dust for the life of the Project. Records of the sweeping and water application would be maintained to document the fugitive dust control measures. The City should require Tiller to provide a funding mechanism to conduct any and all City-required monitoring at the Site to confirm that sufficient dust control measures are being implemented.
- Require Tiller to identify methods to control tracking on public roadways as part of their Dust Control Plan.
- Require noise mitigation techniques, such as developing berms and screens for the Zavoral Site, are implemented. Tiller should provide a funding mechanism for monitoring.
- Require the use of broadband alarms for Tiller equipment and an on-site circular traffic pattern for haul trucks.
- Consider a condition that the mine could operate only between the hours of 7 a.m. and Noon on Friday. This would also reduce the potential impact of the proposed Project on recreational traffic during that time frame.
- Require inspection of trucks and on-site equipment to determine that mufflers are in good working order.
- Monitor to ensure that the proposed screening and reclamation strategies are successfully implemented.
- Establish a maximum stockpile height limit of approximately 880 feet mean sea level. Stockpiles limited to this elevation would be effectively screened by proposed and existing berms. Locating stockpiles on the west side of the Site should be minimized, as the upper slopes of stockpiles would have a greater potential to be within the viewsheds of sensitive viewpoints.
- Limit non-daylight lighting to what is required for safety and security. All such lighting should consist of shielded, downward directed lighting.
- Require that all trees be inspected for raptor nests prior to any tree clearing.
- Require Tiller to coordinate with the City regarding which berms would be removed after the project is completed.

## **ES 4 AREAS OF CONTROVERSY**

### **ES 4.1 EIS Timing and Comprehensive Plan**

Take Action - Conserve Our Scandia (TA-COS) is a group of concerned residents that are opposed to the development of the gravel mine on the Zavoral property. TA-COS's stated mission is "To promote sustainable development in Scandia while endorsing conservation of its waters, wildlife, natural and historic resources and beauty, referring to the Scandia Comprehensive Plan as its visionary guide."

In appearances before the Scandia City Council on November 16, 2010, and December 7, 2010, and in letters dated November 23, 2010, and December 6, 2010, TA-COS raised two primary objections to allowing Tiller to continue its application for the CUP.

First, the TA-COS representative stated that Tiller failed to meet its obligation to complete the EIS within 280 days as required by Minn. Stat. § 116D.04. 2A(h).

- Although no Blanding's turtles were identified at the Site, the MnDNR has requested that Blanding's turtle mitigation measures be applied to the Project. These measures are included in **Appendix C**.
- Require Tiller to monitor all on-site construction equipment for leaks and receive regular preventive maintenance. Fueling and maintenance of vehicles would occur within the active mining phase and no "topping off" of vehicle fuel tanks should be allowed.
- Require that any AST at the Site be located more than 500 feet from surface water to reduce the potential for impacts to surface water.
- Notify the MPCA about all ASTs within 30 days of installation by submitting an AST Notification Form.
- Require Tiller to sample and analyze groundwater for diesel range organics. If it is ever determined that gasoline is to be stored on the Site, gasoline range organics and benzene should be added to the analyte list.
- Construct the new driveway access directly across from TH 97 as required by Mn/DOT for safe access.
- Require Tiller to record and report the number and source location of trucks hauling add-rock to the Scandia Mine to ensure that additional truck traffic would not result from hauling from the Zavoral Site at peak demand concurrently with other sites.
- Install MMUTCD-compliant truck warning signs on State Scenic Byway TH 95 to advise drivers of trucks crossing TH 97 in and out of the Zavoral Site. The installation of warning flashers is another option but should be discussed with Mn/DOT to evaluate the safety impacts.
- Monitor the mitigation methods used at the Site to reduce emissions of fugitive dust for the life of the Project. Records of the sweeping and water application would be maintained to document the fugitive dust control measures. The City should require Tiller to provide a funding mechanism to conduct any and all City-required monitoring at the Site to confirm that sufficient dust control measures are implemented.
- Require Tiller to identify methods to control tracking on public roadways as part of their Dust Control Plan.
- Require noise mitigation techniques, such as developing berms and screens, for the Zavoral Site are implemented. Tiller should provide a funding mechanism for monitoring.
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- Require inspection of trucks and on-site equipment to determine that mufflers are in good working order

- Monitor to ensure that the proposed screening and reclamation strategies are successfully implemented.

Establish a maximum stockpile height limit of approximately 880 feet msl. Stockpiles limited to this elevation would be effectively screened by proposed and existing berms. Locating stockpiles on the west side of the Site should be minimized, as the upper slopes of stockpiles would have a greater potential to be within the viewsheds of sensitive viewpoints.

- Limit non-daylight lighting to what is required for safety and security. All such lighting should consist of shielded, downward directed lighting.
- Require that all trees be inspected for raptor nests prior to any tree clearing.
- Require Tiller to coordinate with the City regarding which berms would be removed after the mining is completed.

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