

ENVIRONMENTAL ASSESSMENT WORKSHEET

Jordan Aggregates Proposed Mining Operation

Sand Creek Township, Minnesota



**COMMENTS RECEIVED AND RESPONSES
CONCERNING
THE ENVIRONMENTAL ASSESSMENT
WORKSHEET FOR**

**Jordan Aggregates Proposed Mining Operation
EAW**

**Sand Creek Township
Scott County, Minnesota**

12. Physical Impacts on Water Resources

- 100 foot existing natural berm between Sand Creek and proposed pit
- Impacts on Sand Creek (losing stream) and surrounding wetlands

13. Water Use

- Concerns regarding ground water quantity and quality for neighboring wells
- Flooding of Sand Creek into the pit presents a source of ground water contamination
- Imported fill and asphalt and concrete present a source of contamination



21. Traffic

- Monitoring volume of trucks
- Road maintenance
- Safety
- Route

23. Stationary Source Air Emissions

- Concerns on air quality generated from the asphalt plant and from truck traffic

24. Odor, Noise, Dust

- Concern about noise impact from mining operation (including asphalt plant) and from truck traffic

25. Impacts on Nearby Resources

- Concerns on impacts to Holzer Park

27. Compatibility with Plans and Land Use Regulations

- Concerns on the projects impact on future land use

**FINDINGS OF FACT AND CONCLUSIONS
FOR
THE ENVIRONMENTAL ASSESSMENT
WORKSHEET
FOR
JORDAN AGGREGATES PROPOSED
MINING OPERATION
SAND CREEK TOWNSHIP, SCOTT
COUNTY**

A. The type, extent, and reversibility of effects:

Impacts for which further analysis or details on mitigation are recommended by Staff:

- **Issues to be addressed prior to an IUP:**
 - **Noise from Trucks**
 - **Road improvements**
 - **Noise from stationary equipment**
 - **Safe storage of recyclable concrete & asphalt**
 - **Import of clean restoration fill soil**
 - **Appropriate end use plan for the site**

A. The type, extent, and reversibility of effects:

- **Issues which Staff believe fall into the scope of an EIS:**
 1. Further analysis of the impacts to local aquifers and preparation of a detailed mitigation plan for the provision of water supply for identified potentially impacted wells.

A. The type, extent, and reversibility of effects:

- **Issues which Staff believe fall into the scope of an EIS:**
 2. Analysis of the impacts to Sand Creek and impacted wetlands resulting from the construction of an adjacent deep pond in the floodplain. Impacts noted in the EAW comments included erosion of the upgradient side wall of the pond into Sand Creek, impacts to area wetlands and potential risk of rechannelization of Sand Creek.

B. The cumulative potential effects of related or anticipated future projects:

- Replacement water supply needed – Significant
- Contributions to air emissions – Not Significant
- Contributions to odor – Not Significant

C. The extent to which effects can be mitigated by ongoing public regulatory authorities:

- Traffic impacts can be controlled by local road authorities, MNDOT, & conditions on the IUP.
- Noise impacts can be controlled by the MPCA and by conditions on the IUP.
- Impacts to Sand Creek may be controlled by DNR, but are not yet well understood.
- Quality of imported soil can be controlled by conditions on the IUP.
- Impacts to aquifer & wells not well understood yet & mitigation needs review.

D. The extent to which effects can be anticipated and controlled as a result of other studies undertaken by public agencies or the project Proposer, or of previous EISs.

- None of the anticipated effects are known or anticipated to be controlled by future studies conducted by public agencies or have been addressed in specific applicable terms by previous EISs.

E. It is, therefore, concluded that an Environmental Impact Statement is needed.

Focus:

1. Aquifer and well impact analysis and details on mitigation.
2. Impacts to Sand Creek and details on mitigation.

SCOPING AN EIS ORDERED THROUGH THE EAW PROCESS

Positive Declaration on the Need for an EIS.

- 1) Staff must provide a cost estimate for the scoping process. Staff Estimate \$75,000.
- 2) Developer must pay estimated cost within 5 days and sign Escrow Agreement.
- 3) Scoping meeting required .
- 4) Staff prepare Scoping Document for Board approval.

- April 5th

Notice of a public scoping meeting must appear in the EQB Monitor within 15 business days of receipt of the proposer scoping cost payment and signing of the Escrow Agreement.

- **April 11, 2011, EQB Monitor deadline**

Scoping Public Meeting

Public Scoping meeting must be held between 10 business and 20 calendar days after the notice appears in the EQB Monitor

- April 18 - May 8th
- Public Hearing at County Board meeting on May 3rd.

Scoping Decision

The RGU must make its final scoping decision no later than 45 days after the Monitor notice.

- Tuesday, May 31, 2011

Preparation of the EIS

280 Days. Completed approximately by mid February 2012.
