GENERAL NOTES AND
SPECIFICATIONS FOR SEDIMENTATION PONDS AT WILBERG MINE

Table 1: Erosion Limits for Embankments

<table>
<thead>
<tr>
<th>Particle Size (mm)</th>
<th>Percent by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>100</td>
</tr>
<tr>
<td>5</td>
<td>100</td>
</tr>
<tr>
<td>3</td>
<td>100</td>
</tr>
<tr>
<td>1</td>
<td>100</td>
</tr>
<tr>
<td>0.6</td>
<td>100</td>
</tr>
<tr>
<td>0.3</td>
<td>100</td>
</tr>
</tbody>
</table>

Table 1: Erosion Limits for Embankments

Erosion Limit: Provided separately.

Filter Material

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<tr>
<td>0.5</td>
<td>100</td>
</tr>
<tr>
<td>0.2</td>
<td>100</td>
</tr>
</tbody>
</table>

Slope Protection

1. For 75% of the material, the slope shall be no less than 1:5. The slope shall be no less than 1:7.5 for material sizes greater than 25 mm (1").

2. The slope shall be no less than 1:5 for material sizes greater than 25 mm (1").

3. The slope shall be no less than 1:7.5 for material sizes greater than 25 mm (1").

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3. For 75% of the material, the slope shall be no less than 1:5. The slope shall be no less than 1:7.5 for material sizes greater than 25 mm (1").

4. The slope shall be no less than 1:5 for material sizes greater than 25 mm (1").

5. The slope shall be no less than 1:7.5 for material sizes greater than 25 mm (1").
SUMMARY OF DATA:

- MAX. INFLOW = 50 CPS
- MAX. OUTFLOW = 0 CPS
- MAX. WATER SURFACE ELEV. = 6.5 FT
- DRAINING TIME AFTER END OF
  INFLOW = 3 HOURS
- ELEV. AT 50 PERCENT FLOOD = 3.5 FT
- ELEV. POND BOTTOM WITH NO
  SEDIMENT LOAD = 1.1 FT

LEGEND

- INFLOW
- OUTFLOW
- WATER SURFACE ELEV.
- SUMMARY OF DATA

POND NO. 1

10 YEAR STORM - NO SEDIMENT LOAD

POND NO. 2

SUMMARY OF DATA:

- MAX. INFLOW = 0 CPS
- MAX. OUTFLOW = 0 CPS
- MAX. WATER SURFACE ELEV. = 3.5 FT
- DRAINING TIME AFTER END
  OF INFLOW = 3 HOURS
- ELEV. AT 50 PERCENT FLOOD = 3.5 FT
- ELEV. POND BOTTOM WITH NO
  SEDIMENT LOAD = 1.1 FT

LEGEND

- INFLOW
- OUTFLOW
- WATER SURFACE ELEV.
- SUMMARY OF DATA

POND NO. 2

10 YEAR STORM - NO SEDIMENT LOAD