GeoHay

“Recycled, Green, Environmental Erosion Control Products”

Product Life Cycle and Sustainability
GeoBales

- Produced in the standard size of 45” or 90” length and 15” in diameter
- The product of choice for Department of Transportation projects or where the drainage area could produce a high volume during intense rain
GeoWattles

- Produced in 9” diameter rolls with lengths of 4-16 feet
- Can be enhanced with bendable steel inserts to shape to slope variations
- In addition to filtering, it is used as Water Velocity Inhibitors in either ditches or contour surfaces
9 Inch Inlet Filter
Easy Installation and Removal
GeoFilters

- Permits double filtering of sediment and other debris, while still allowing the water to pass.
- May be placed over a drain or grate to prevent debris from entering the storm water system.
GeoDrain

- Contains a flexible or rigid perforated pipe to aid in field lines and Septic Drainage
- Can be used for Golf Course Drainage
# Flow Rates Comparisons

**GeoHay:**
- 18 inch Bale: 25.00 (gpm/ft²)
- 15 inch Bale: 30.00 (gpm/ft²)
- 12 inch Bale: 26.30 (gpm/ft²)
- 9 inch Inlet Filter: 29.50 (gpm/ft²)
- 9 inch (High Density): 26.10 (gpm/ft²)

**Competitors Products:**
- Terra Tube: 5.43 (gpm/ft²)
- Excelsior Wattle: 15.44 (gpm/ft²)
- Straw Bales: 10.51 (gpm/ft²)
- Nonwoven Fabric Silt Fence: 0.97 (gpm/ft²)
- Wood Chip Wattle: 12.25 (gpm/ft²)
Filtration & Turbidity Removal Comparisons

GeoHay vs Other Products

<table>
<thead>
<tr>
<th>Product</th>
<th>Filter Efficiency %</th>
<th>Turbidity Reduction %</th>
</tr>
</thead>
<tbody>
<tr>
<td>12&quot; Bale GeoHay</td>
<td>95</td>
<td>70</td>
</tr>
<tr>
<td>15&quot; Bale GeoHay</td>
<td>90</td>
<td>80</td>
</tr>
<tr>
<td>9&quot; Inlet Filter GeoHay</td>
<td>85</td>
<td>90</td>
</tr>
<tr>
<td>9&quot; Inlet Filter GeoHay</td>
<td>80</td>
<td>85</td>
</tr>
<tr>
<td>Silt Fence</td>
<td>75</td>
<td>65</td>
</tr>
<tr>
<td>Straw Bales</td>
<td>70</td>
<td>70</td>
</tr>
<tr>
<td>Woodchip Wattle</td>
<td>65</td>
<td>65</td>
</tr>
<tr>
<td>Excelsior Wattle</td>
<td>60</td>
<td>60</td>
</tr>
</tbody>
</table>
NTU Comparison

EPA Regulations in Visual Format
(Nephelometric Turbidity Unit)

EPA Regulations Proposed 280 NTU Discharge Rate

Recent tests show that GeoHay may be the only mechanical product on the market to meet or exceed these regulations. This new data will be presented to the market in the next few weeks.
States that have Denied Approval previously are re-evaluating since they now see the High Performance Standards of GeoHay Products! We expect all State Approvals!
NOTES:
Regions followed by potential manufacturing locations.

5-23-08
• www.geohay.com

• Tim Stillwell
• 770-719-2583
• tim@geohay.com