

Updated: 6/9/15

**Fiberclay
South Glens Falls, NY**

“...the hydraulic performance of barrier layers constructed of pulp and paper industry wastewater treatment residuals can be as good as, or better than the performance of barrier constructed of compacted clays.”

*Van Maltby, PhD
Senior Research
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PRODUCT ANALYSES: **Average**

pH.....	8.0
Solids.....	42.6%
Hydraulic Conductivity.....	<1 x10 ⁻⁵
Specific Gravity.....	2.3-2.4
Shear Strength.....	on request
Density (lbs/cubic yard).....	1300-1500
Grain Size.....	35% passing #200 sieve

Data based on averages of representative analyses.



USE RECOMMENDATIONS:

- Low permeability clay substitute (Barrier layer)
- Buffer layer to protect HDPE liner
- Landfill odor control layer
- Landfill intermediate cover

PRODUCT PERFORMANCE CHARACTERISTICS:

- One to one replacement for clay.
- Less reactive to freeze/thaw action than clay.
- Less settling resulting in superior landfill cap integrity.
- Performance is documented through extensive field use and research.
- Easier handling & placement due to:
 - ◊ Lighter density.
 - ◊ Consistent moisture content.
 - ◊ Compaction achieved with conventional construction equipment.

ADDITIONAL INFORMATION:

Technology:	SCA paper recycling.
Feed Stocks:	Primarily white office paper.
Classifications:	Approved for use in NY and VT.
Service/Support:	Casella Organics provides technical assistance regarding product handling/placement/storage.

For more information, visit us at www.casellaorganics.com.