

## Product Evaluation

### RE: Review of APS 700 Series Floc Logs

#### **PRODUCT**

APS 700 Series Floc Logs is manufactured and distributed by Applied Polymer Systems Inc located in Woodstock, Georgia, USA.

#### **VENDOR CLAIMS AND INFORMATION**

##### **CLAIMS:**

APS 700 Series Floc Logs reduce and prevent erosion of fine particles and colloidal clays from water, this product creates an electro-chemical reaction that induces these fine soil particles to cluster together. Product web link: [http://www.siltstop.com/flog\\_log\\_aps\\_700.html](http://www.siltstop.com/flog_log_aps_700.html)

##### **DESCRIPTION:**

APS 700 Series Floc Logs are a group of soil specific tailored log-blocks that contain blends of water treatment components and polyacrylamide co-polymer for water clarification and erosion control.

##### **POTENTIAL USAGE:**

APS 700 Series Floc Logs primary applications; newly cleared construction or building sites drainage; road and highway construction runoff ditches; hydro-seeding and water truck application and ditch placement for all forms of highly turbid waters.

##### **Standards:**

ASTM Guidelines E1023 – Guide for Assessing the Hazard of a Material to Aquatic Organisms and Their Uses

Studies: Toxicity tests and studies submitted along with MSDS

#### **ALBERTA TRANSPORTATION COMMENTS**

##### **EXPERIENCE:**

Alberta Transportation has experience with this type of product.

##### **APPLICATION STANDARDS:**

Alberta Transportation standard for this product is listed in the Erosion and Sediment Control Manual BMP24b and BMP36.

##### **RECOMMENDATIONS:**

APS 700 Series Floc Logs be listed as a Potential Product under Alberta Transportation Products List, Erosion and Sediment Control Systems – Polyacrylamide – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

#### **TRIAL PROJECTS**

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