



H30 PAM...the cost effective best practice

Millions of acres are lost each year to erosion, some as a result of construction and excavation. While there are a number of techniques available to reduce dust and erosion, one of the most effective is the use of specially formulated polyacrylamide (PAM). H30 PAM is a water-soluble anionic polyacrylamide which binds particles and holds them. As a flocculant, PAM essentially causes solids to adhere together resulting in greater mass and less movement. When applied suspended in water, PAM causes solids to aggregate, effectively reducing runoff, dust and erosion. As a soil erosion control amendment, H30 PAM is versatile, effective and economical. Construction and landscape contractors' use of H30 PAM to control erosion, dust and runoff is a preferred practice.

The USEPA has proposed Effluent Limitations Guidelines to control the discharge of pollutants from construction sites which will require all construction sites to implement erosion and sediment control "Best Management Practices" to reduce pollution stormwater discharges. Not only do the Guidelines address erosion and sediment control, they impose limitations on construction waste discharges of various waste, including fertilizers, pesticides, herbicides and detergents, among others.

The use of PAM is considered to be among the Best Practices recognized by USEPA. According to a study performed by the Wisconsin Department of Transportation, the use of PAM "is effective in controlling erosion...it is relatively inexpensive when compared to erosion mat, very easily applied, is not affected by weather conditions, and when applied following manufacture's recommendations is environmentally safe." Similarly, the North Carolina Department of Transportation has recognized the use of PAM as a Best Management Practice in erosion control and determined that the use of PAM dramatically increased soil containment.

H30 PAM is a superior product and is available in various formulations, including powder, tablets and emulsions. H30 PAM can be easily integrated into hydroseeding, watering or dams and logs to control dust and erosion.

**HYDROLOC IS INTENDED FOR USE AND APPLICATION BY CONSTRUCTION
AND LANDSCAPE PROFESSIONALS**

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