



**Environmental Products  
and Services for the Life of Your Project**

## **PM10 Fugitive Dust and Erosion Specialist**

PM10 Inc., is a Dust and Erosion control company based in Southern California that takes the lead in solving issues that involve our environment. We offer a full array of special turnkey services so that you only need to make one call.

We work with commercial construction companies and municipalities to design and implement PM10 and SWPPP plans.

We would like to help you with your project any way we can.

### **PM10 / SWPPP Full Service Company**

- **PM10 Plan Creation**
- **PM10 Plan Maintenance**
- **SWPPP Development**
- **SWPPP QSD QSP Services**
- **SWPPP BMP Implementation**
- **Dust Control Signs**
- **Soil Stabilization**
- **Street Sweeping**
- **Water Trucks (6x6)**
- **Water Towers**



**Ph.760.779.8899 • [www.PM10inc.com](http://www.PM10inc.com)**



# PM10's philosophy is

## "Do it Right the first time"

### Background on Dust control polymer emulsions

Most environmentally friendly materials in use today are polymer emulsions dispersed in a water base. The two most prevalent types are based on either acrylic esters or vinyl acetate. Both of these monomers are esters and are dispersed in water. An initiator/catalyst is added and these molecules will react with each other to form long chains of polymer within the emulsion particles.

Typically, the properties of the final polymer can be modified by adding co-monomers in varying amounts which will be incorporated in the polymer. This allows the polymer to be very different to accommodate a wide range of applications. Stiffness, elongation and strength are typical parameters that can be adjusted. This type of co-polymerization is used with both acrylic and vinyl acetate based materials.

Since acrylic monomers are based on petroleum feedstocks, they have become considerably more expensive in the last few years and many applications using emulsion polymers now focus on polyvinyl acetate copolymers which are based on natural gas as a feedstock, and are less costly.

With the ability to vary co-monomer ratio and even add plasticizers, the vinyl acetate based products will replace the functionality of the acrylics in most applications and result in more cost effective final products. In addition, different finished co-polymers can be blended which adds another dimension of properties and capabilities that can be achieved.

The PM 50 and PM 70 are blends of different modified vinyl acetate polymers and copolymers that yield exceptional adhesion and binding properties to many different types of aggregates.



### Plan Preparation & Design

- SWPPP Development
- SWPPP Amendments
- BMP Planning, Coordination & Oversight
- Basin Design

### Compliance & Consultation

- Stormwater Program Management
- Rain Event Sampling
- Risk Assessments & Planning
- Annual Reports

### Training

- Certified QSD/QSP Training
- Executive & Management Training
- Informal & Field Training

### FREE ESTIMATES - Dust and Erosion Control

**CALL TODAY. 760.779.8899**



### Specializing In:

- Site prep, clear and grub
- Pre-Water
- Excavation / Grading
- Over Excavation
- Slope Repair
- Dry wells / Underground Utilities
- Import and Export Operations
- Public Works





PM10 Inc., is a leading provider of powerful, environmentally friendly, high-tech dust and soil treatment products, specifically engineered and formulated to solve your dust and erosion problems.

From large commercial projects to small residential solutions, PM10 Inc addresses your specific needs with a portfolio of safe and effective applications. All California PM10 plan requirements are met and cared for by one provider!

PM10 will be happy to assist you with a free proposal and overall job cost analysis for your next project! We partner with our clients from start to finish on each project. Open vision and critical path execution methods provide our clients a high rate of return at a lower overall operational cost.

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