



# Sample (Performance Testing) Submission Form

## Contact Details

Contact Name: \_\_\_\_\_ Phone #: \_\_\_\_\_

Company Name: \_\_\_\_\_ Email: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ Zip Code: \_\_\_\_\_

**Job/ Project/ Site Identification:** \_\_\_\_\_

### Send Samples To:

Applied Polymer Systems, Inc.  
519 Industrial Drive  
Woodstock, GA 30189

info@apsfloc.com  
678-494-5998  
www.apsfloc.com



Scan for more information on performance testing

### Turn Around Time

- Normal (usually 1-2 days)
- Rush <24 hours (must be pre-approved by APS)

### Sample Type

Check all that apply

- 200 g of soil
- 500 mL of water
- 1 gallon (metals)

## Job Specifications

***Please include a site plan, rough sketch, diagram, or photographs if available***

- Soil Stabilization** – soil specific polymer additions for grassing/ hydroseeding/ mulching
- Water Treatment** – site specific polymers used to clarify turbid stormwater, remove sediment and reduce TSS. Placed in areas of flow.

Length of water conveyance: \_\_\_\_\_

Volume of flow expected: \_\_\_\_\_

Flow rate expected: \_\_\_\_\_

- Soft Armoring** – soil specific polymer to bind matting (jute, coir, coconut, hemp, ect.) to create a highly erosive resistant surface.
- Check Dams** – soil specific polymer enhancement to allow for collection of fine particles
- Demucking** – soil specific polymer for highly saturated soils (thicken for easier removal)
- Other** – Please specify: \_\_\_\_\_



# Sample Requirements

## Why Site Specific Performance Testing?

One flocculant does not work on all soil, sediment, or water. Performance testing flocculants before use allows matching the most effective APS polymer products to your site's unique soil and water. Soil matching, or performance testing, is a requirement for flocculant use according to the USEPA Construction General Permit. Applied Polymer Systems offers free testing as well as test kits for those wishing to test their own soil, sediment, and water.

We are happy to offer this analysis of samples from your job site, completely free of charge, to determine exactly which blend of polymer will be most effective with your specific soil lithology. We usually have one day turn-around on sample analysis, to help you get results fast.

## Sample Requirements

**200g of soil** (about a coffee cup sized sample) in a plastic bag or container and/or

**500 mL of turbid water** (about a pop-bottle sized sample) in a plastic container

**Note:** if there are different types of soil on the site (fill material being brought in, ect.) please provide samples of each. If runoff from each of these soil types flows into the same ditch or stormwater pond, they may be mixed together as a single composite soil for analysis

**Representative sample:** The sample we receive must be representative of the soil or suspended sediment that will be treated

## Project & Site Information

What are you doing on the site, and what types of applications are you are looking at using the polymer for? Are you looking for a tackifier/binder, water clarifier, thickener for mud removal, etc.?

A rough sketch, design, or photos of the site can help us to fit the appropriate polymer application to your site. If you are interested in stormwater clarification, please provide the distances or lengths of water flow conveyances (pipes, ditches, etc.) as well as the volume of flow expected through these conveyances.