

ChitoVan Floc Test Kit Using Bentonite Clay



Directions:

1. Place 400 mls tap water into the clear plastic bottle (when you add the bentonite clay to the water it will represent turbid stormwater).
2. Using pH test strip measure pH – best between 6.5 and 8.5.
3. Shake bentonite clay solution for 10-20 seconds.
4. Add 2-3 full droppers to the 400 mls water sample.
5. Shake or stir for 30 seconds.
6. Add 1 drop of ChitoVan to bentonite water sample.
7. Mix or stir well for 1-2 minutes.
8. Shine a flashlight into the water to allow better viewing of floc formation.
9. If floc is not apparent add one more drop of ChitoVan to the water then repeat steps 7 & 8.
10. To check turbidity of treated water allow it to settle for several hours and pour off the top or filter through a double layer of paper towel into another jar and measure the filtrate turbidity.
11. Repeat test but substitute a pinch of the ChitoVan LC flake for the liquid ChitoVan. Remember, the flake takes longer to dissolve so it will need more mixing time.
12. Call Dungeness Environmental with questions (425) 481-0600