



ORIGINAL DEVELOPERS OF MANGANESE GREENSAND & GREENSANDPLUS

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PROCEDURE FOR COLLECTING A REPRESENTATIVE FILTER MEDIA CORE SAMPLE

To properly sample filter media, the media must be thoroughly backwashed. After backwashing the media, drain the filter completely and remove the manway cover.

Using a 1 ¼" or 1 ½" diameter by 4' to 6' long (depending on the bed depth and amount of freeboard) piece of thin wall tubing, insert the tube approximately six inches into the media with a twisting motion. Empty the media into a clean bucket by tapping the side of the tube. Repeat this procedure, being sure to sample the same hole, at six-inch increments until the entire media bed has been sampled and the gravel or gravel retaining screen, if such has been installed in the unit, has been intersected.

The composited sample should then be thoroughly mixed to obtain a representative sample and no less than one quart of the material forwarded to us for laboratory evaluation. If one core sample does not yield a full quart, a second core sample should be obtained and mixed together with the first so that a full quart is available for analysis.

CAUTION: *Be sure to sample only the filtering media. DO NOT force the sample tube into the sub-fill or the underdrain.*

Place a minimum of one quart of the sampled media into a waterproof container

Mud balls or foreign material on or in the media should be included in the core sample. A separate sample of any foreign material or mud balls should be sent along with the core samples.

Note the depth of the filter media (by inserting a ruler into the sample hole) and the general condition of the bed surface. Note observations such as the media level, media mounding, and fissures (channels) on the media surface.

NOTE: *Prior to sending in a sample to be analyzed, please contact our Sales Department at 856-881-2345 and request a quotation for this service. Our Sales Department will request a Purchase Order and will provide you with an Inversand Sales Order number for tracking purposes. We will also provide a form requesting additional information on your system that would be very helpful in generating a report on the condition of your media.*

Include with sample: Person, Company, Address, Phone Number
Type of Media sample (Greensand, Anthracite, etc.)
Date sampled
Reason for sample (low capacity, poor quality, etc.)
Purchase Order Number

Forward sample to: INVERSAND COMPANY
Attn: Sales Department/Lab
P.O. Box 650
Clayton, NJ 08312