



**Technical Bulletin 2009-08
MEDIA REPLACEMENT PROCEDURES**

**For AdEdge Residential Point-Of-Entry Systems
Using E33 Granular Ferric Oxide**

AdEdge Technologies, Inc. (AdEdge) Bayoxide® E33 arsenic adsorption material is a dry, granular, flow able material designed for easy installation in traditional water treatment vessels in a down flow manner and periodic backwash. The material is supplied in fiber drums, super sacks, corrugated boxes and other appropriate containers. These procedures are intended to be guidelines for start-up of AdEdge POE treatment units and those containing AdEdge Bayoxide E33 (NSF 61 Certified granular ferric oxide) designed or those designed, assembled and sold which are consistent with AdEdge use specifications. Details may vary based on the specific application and adsorption media employed. This bulletin is not intended to provide comprehensive use instructions. Please consult AdEdge Technologies for details. Installation should be performed by licensed mechanical contractors, plumbers or water treatment professionals familiar with water treatment equipment.

Media Replacement

1. Wear appropriate safety equipment i.e. eyewear, gloves, respirator, or other.
2. Place the treatment system in a bypass position; advance the valve operation to backwash and depressurize the system; siphon or drain all water from the tank.
3. Remove media; wet/dry vacuum equipment, mineral extractor, scoop or pour media out of tank.
4. Remove free liquids and containerize media for land disposal.
5. Follow local, state and federal regulations for disposal.

The Toxicity Characteristics Leaching Procedure (TCLP) and Waste Extraction Test (WET) have demonstrated Bayoxide E33 to be a non-hazardous waste for disposal in a sanitary landfill when applied as directed.

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