

## **Granular Media Filter Optimization** (*three day class*)

The Granular Media Filter Optimization Class is for anyone interested in learning evaluate and optimize granular media filter operations. You will learn how to determine and optimize the:

- filter operation; • media depth;
- filtration rate; • bed expansion.
- backwash rate;

You will learn how to:

- comply with Division of Water Supply Regulations;
- inspect for mudballs and determine their volume;
- evaluate media effective size and uniformity coefficient;
- perform a sludge retention profile;
- perform a filter profile;
- optimize filter performance.
- disinfect a filter after evaluation; and,
- prepare a report and recommendations for filter optimization.

It is a three day class and will provide twelve hours of continuing education credit for any water treatment license. Attendees can also earn three months experience credit toward any water treatment license. Class starts at 8:30 am and ends at 4:00 pm each day. For additional information contact John Shadwick at [JohnShadwick@taud.org](mailto:JohnShadwick@taud.org) or (615)804-4069 or Brent Ogles at [BrentOgles@taud.org](mailto:BrentOgles@taud.org) or (615)896-9022.