

**Recommendations on how to become certified or registered for Total Phosphorus.....**

- Select a DNR approved testing procedure.  
Ex: Standard Methods, 19th Ed. 4500-P B, E or EPA “Methods for Chemical Analysis of Water and Wastes”, 365.2, etc. (See Chapter NR 219, Wisconsin Administrative Code for current listing of approved methods)
- Familiarize yourself with the requirements of the testing procedure. Look for techniques, principles, and interferences which are unique to this procedure.
- Order necessary equipment, glassware, chemicals.
- Order a phosphorus reference standard.
- Set up to run samples and known standards using chosen procedure.
- Create data sheet to record sample volumes digested, standard curve data, absorbencies for samples and standards, dilutions, calculations, etc.
- Practice with procedure.
- Perform MDL(method detection limit) determination.
- Set up quality control measures for this parameter including:  
standard curve, digested blank, known standard, duplicates, spikes, interim QC acceptance limits, method references, etc.
- Include procedure with method references and quality control specifics in laboratory Quality Assurance Manual.
- Analyze reference standard successfully.
- Submit revised application to the department. To request an application contact our Central Office at (608)267-7633.
- Application will be processed and the laboratory will be audited within approximately 90 days.
- Include phosphorus testing when doing blind standards.
- Upon successful completion of an audit the facility will be granted certification or registration.