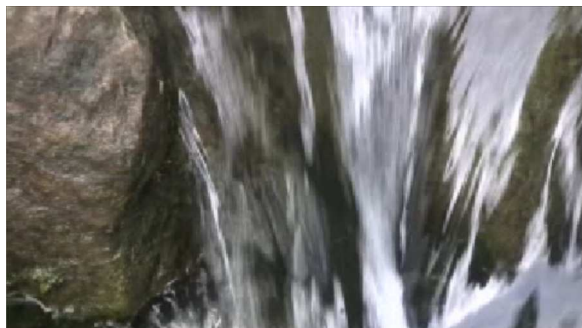




Water or Wastewater Issues?

KBHS, Inc. has complete solutions.



When it comes to clear solutions for your water or wastewater facilities, those that combine proven experience with up to date expertise, from designing and building your facility to its operation, no other provider can match KBHS, Inc. Water & Wastewater Management, Inc. Our principals have owned and operated systems for over twenty years and assisted many other water and wastewater providers during that time.

Our experience over the years has shown that it's not easy to stay current with all of the new laws and regulations governing water and wastewater, but that's just what KBHS, Inc. does. Continuing education is one of the most important factors in

KBHS, Inc.'s ability to deliver unparalleled service. Our personnel are required to stay current by upgrading their certifications and maintaining their educational credits on a regular basis.

When you partner with KBHS, Inc. you get the added benefit of an association with its affiliated companies. Together, we can offer the talents of a multi-disciplined staff of over 50 employees. This staff includes planners, computer specialists, plant operators, and maintenance personnel. Working as a team, their unified effort gives KBHS, Inc. the ability to solve your complex issues with solutions unique to your situation. So take a moment to review our services and see how they can add to your operation's efficiency and effectiveness.

KBHS, Inc. will bring your system into compliance and keep it there by tailoring any of our services to meet your specific needs. While you put your resources to work doing what you do best, KBHS, Inc. will do what we do best - work around the clock to bring you and your community piece of mind. Give us a call today and tomorrow you can sleep well because you've put KBHS, Inc. on the job.





System Support



Preventive maintenance and early repair are the key elements in the successful operation of any water distribution system. KBHS, Inc. employs a full-time, in-house maintenance and repair staff. We specialize in installing, maintaining and repairing water and wastewater facilities such as mains, valves, service lines and hydrants.

Our automated system is the foundation of our organized and efficient approach to preventative maintenance and repairs. A comprehensive, computer-based maintenance program, allowing prompt diagnosis of potential problems, lets our staff make corrections before the operation of your water system is seriously interrupted. It provides information to insure preventative maintenance is performed properly and on time, and allows us to identify and anticipate the timely repair of operating equipment. It also keeps a complete record of your operation's maintenance history and its related costs.

KBHS, Inc. is fully committed to its contract operations 24 hours a day, 7 days a week.



Services

- Hydrant Painting
- Hydrant Flow Testing
- Hydrant Maintenance
- Valve Operation
- Valve Box Cleaning
- Water Leak Audits
- Wet Tapping
- Manhole Lining/Grouting
- Pipeline and Valve Box Locating
- Valve Box Location Drawings
- Meter Reading
- Billing Services
- Meter Installations
- Meter Replacement Program
- Sewerline/Manhole Cleaning/Jetting
- Pipe Location

- **Manhole Vacuum and Exfiltration Testing**
- **Manhole Raising**
- **TV Inspection**
- **Sampling**

- **Autodialers and Telemetry Systems**
- **Generator Maintenance Program**
- **Smoke Testing**
- **Lift Station Rehabilitations**



Florida Utility Group Holdings, Inc.
KBHS, Inc.

HOME
PRINT THIS SITE
SYSTEM SUPPORT
TANK INSPECTION
PREVENTATIVE MAINTENANCE PROGRAM

Management *Operations* *Maintenance Services* *Contact*

Tank Inspection



To extend the life of your tank and prevent service failures, regular professional tank inspections are essential to determine the tank's exact maintenance requirements. Inspections can detect inadequate conditions, non-compliance with current codes and possible latent defects.

To suit your operational needs, inspections may be performed while the tanks are either in-service or out-of-service. After the inspections are completed, a written inspection report is furnished which includes a detailed component evaluation, photographs, recommendations for compliance and cost estimates.

The extent of maintenance resulting from the inspections could include:

- Shell, roof and bottom repairs or replacements
- Roof structural repairs or replacements
- Manway repairs, relocations or replacements
- Repair of defective welds
- Cathodic protection
- Foundation repairs and modifications
- Special equipment
- Cleaning and painting
- Testing



A small investment in an inspection helps you make informed maintenance decisions and saves costs in the long run. KBHS, Inc. has the experienced staff to handle any maintenance requirements that will bring your tanks in to acceptable compliance.

At a minimum, a good inspection of a water storage tank includes categories that address sanitary conditions, structural and footing conditions, safety and security conditions, coating system conditions and a statement of general details. Examples of items included in these categories would include:

1. Roof access hatches should have watertight covers that overlap the framed opening. Covers should be hinged

- on one side and have a locking device.
2. Vents should be constructed to prevent entrance of outside water and exclude birds, animals and insects. Vents should be screened. Overflows should not be used as vents.
 3. Overflows must be sized to carry more than the highest filling rate of the tank.
 4. Hydrants, cleanouts or similar flushing devices must be provided on the piping of all storage facilities. These devices should be located so that they can drain the storage while the facility is isolated from the system.
 5. Structural conditions such as condition of anchor bolts, tightness of rods, concrete foundations.
 6. Determine the type and general condition of the interior and exterior paint systems.
 7. Determine extent, nature and depth of any pitting.
 8. Check paint for chalking and blistering.
 9. Check all bolts and rivets for corrosion and leaks.
 10. All cables and wires to devices should be installed inside conduits and secured to the storage structure.



Preventative Maintenance Program



KBHS, Inc., in association with its affiliates, offers a Preventative Maintenance Program, or PMP. This program is based on the concept that it is less costly to maintain existing equipment and facilities in top form than it is to incur and pay for unexpected breakdowns and equipment overhauls.

First, we determine the present state of your equipment and facilities. Second, we catalog the information. Third, we schedule a series of preventative maintenance tasks to bring them to peak operating condition and keep them there. Using proven maintenance task management software, tailored to your facilities' needs, we are able to generate automatic work orders, purchase orders and keep equipment inventory current based on the schedule.

An essential ingredient of the PMP is development of a tailor-made manual, which closely relates to your scheduled maintenance. This single source reference provides a complete description of each plant of pump station and has proven itself time and time again, in demonstrating to your oversight board or commission the condition of your equipment and the need to repair or replace it. This reference is also an essential aid at budget time. Many of our customers have found that the reference's thorough documentation in support of their funding requests is often the deciding factor in gaining approval.

Beyond budgets, your operations people will find the manual to be a quick resource providing complete information concerning parts, suppliers, and warranties. In the event of an emergency, fast access to reliable information can make all the difference in the world in getting your facility back to full operation quickly.

Services

- Valve Exercising
- Pumps
- Blowers
- Generators
- Hydrant Exercising
- Gear Boxes
- Mechanical Drives