

# Spillway Piping Rehabilitation with Snap-Tite®



## Nine Steps to a Snap-Tite® Dam Spillway Rehabilitation System.

1. Prepare the existing spillway.
2. Insert one end of Snap-Tite® Liner into the existing spillway.
3. Position the next section of Snap-Tite® with proper alignment.
4. Lubricate the male section of the Snap-Tite® joint.
5. Attach the chains & couplings for the come-a-long.
6. "Snap" the Snap-Tite® Liner sections together.
7. Push joined liners into the spillway and repeat until completely lined.
8. Seal the Spillway ends
9. Grout the annular space.

*It's the installer's solution: no excavation, and the last solution you may ever need for spillway pipe rehabilitation.*

*We have answered the problem of having to excavate aged pipe spillways. Special manufactured sections of polyethylene pipe are inserted into the old spillway, forming one continuous, leak-free liner. Once anchored and sealed by grouting, the new system is virtually maintenance-free.*

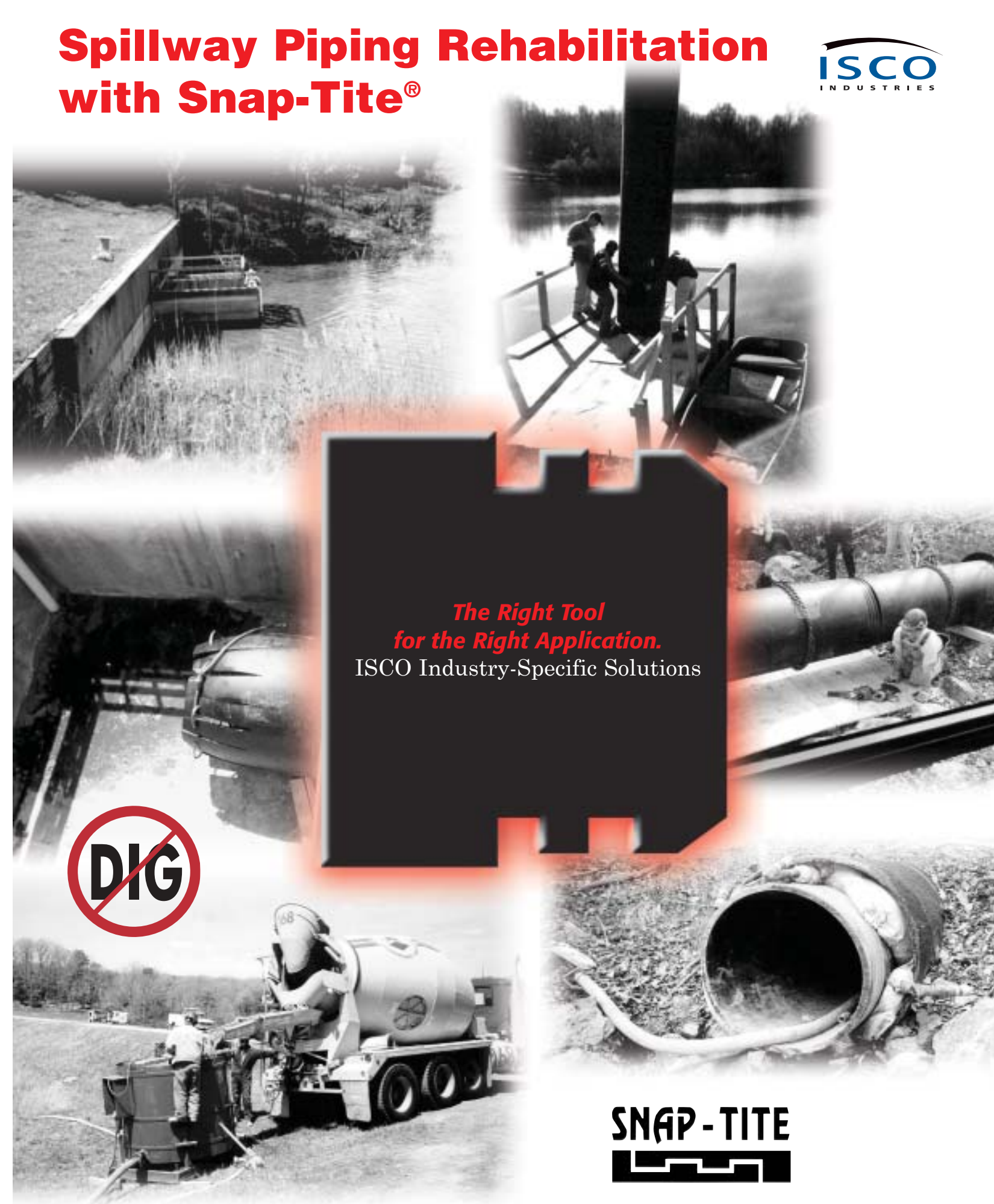
- *No excavation or costly restoration*
- *No interruption to service*
- *Better flow and chemical resistance*
- *Eliminates infiltration and exfiltration problems*



Represented by:

**ISCO Industries, LLC**

926 Baxter Avenue  
Louisville, KY 40204  
Phone: (502) 583-6591  
Fax: (502) 584-9713  
**(800) 345-4726**  
www.isco-pipe.com



**The Right Tool  
for the Right Application.**  
ISCO Industry-Specific Solutions



**SNAP-TITE**

**The easiest way to execute your spillway piping rehab project.**

**Spillway piping rehabilitation with the Snap-Tite® piping system – the “no dig” solution**

*Snap-Tite® is so easy to install that most jobs can be completed with a backhoe, shovels, a come-a-long, and chains.*

**It’s a fast install with no special training or equipment. It handles the job’s requirements.**

The Snap-Tite® pipe lining system is unmatched in ease of installation. Since it typically weighs as little as 10% of concrete, ductile iron and clay pipes, it is much easier to handle. Maintenance departments can use their own crews - no special training or specialized equipment necessary.

**You don’t have to wait for dry weather.**

Because of Snap-Tite®’s ease of installation and variable lengths, most spillway piping can be sliplined with little or no digging.

**Everything for the installer.**

Snap-Tite® piping comes in lengths ranging from 2 to 50 feet. Facing a damaged pipe with limited access? Not a problem with Snap-Tite®. Short segments can be fastened together, all with strong water-tight seals in a small working space.

These advantages also make Snap-Tite® the preferred answer for dam spillway renewal. Typical applications are:

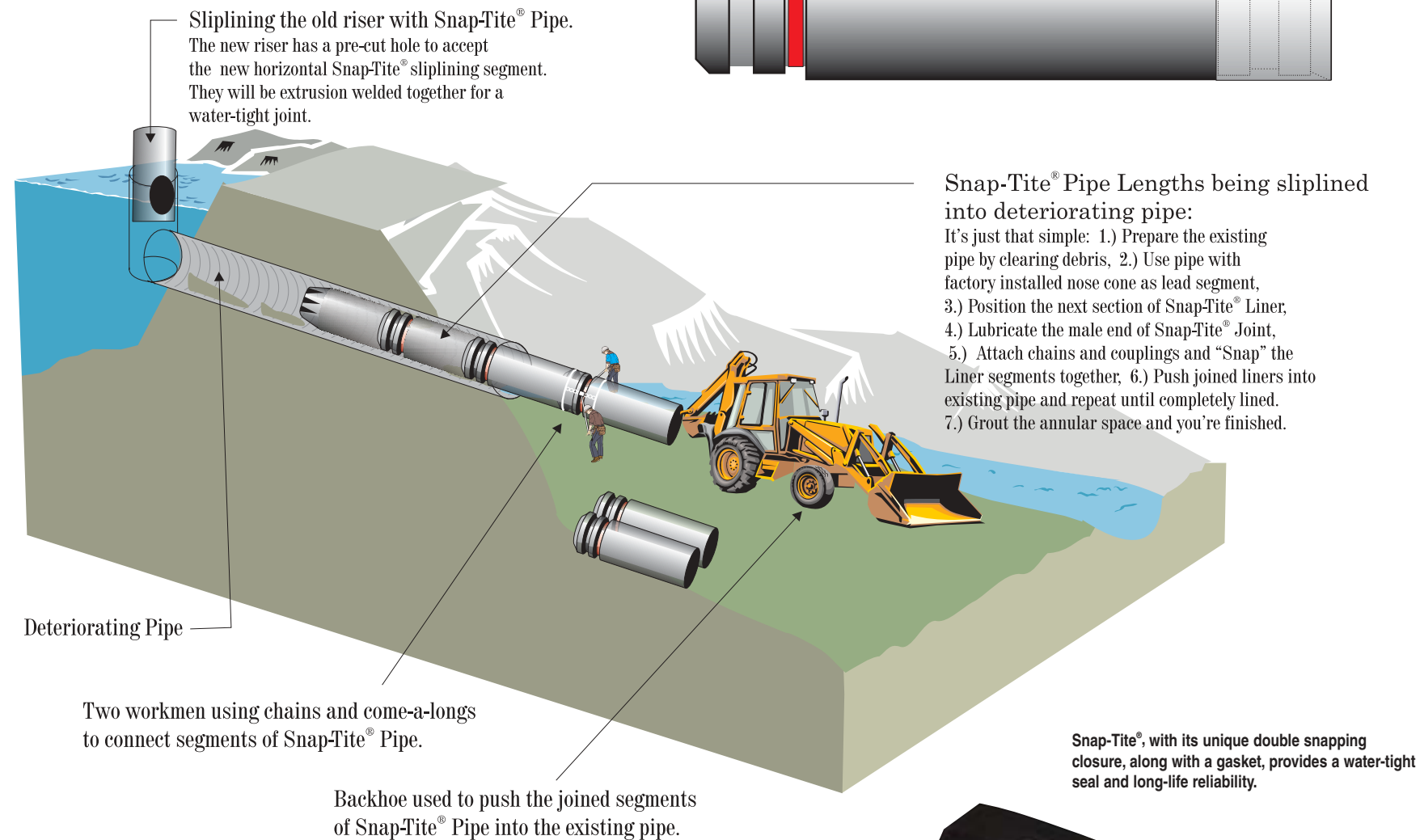
- CMP Spillway Rehabilitation
- Ductile Iron Spillway Rehabilitation
- Concrete Spillway Rehabilitation

**See what Snap-Tite® can do for you. It will be the last solution you’ll ever need for dam spillway rehab problems.**

Simple installation means light duty equipment, less manpower, minimal disturbance of right-of-way, and indefinite service life. When considering these benefits, it becomes clear that the Snap-Tite® system is the most cost-effective way to rehabilitate deteriorating dam spillway systems. It may be the last solution you’ll ever need.

The Snap-Tite® joint and installation system allows replacement of failing systems without the need to remove existing pipe or excavation.

**Spillway Pipe Rehabilitation Using the Snap-Tite® Pipe**



**The installer’s solution: two key strengths to depend on.**

- A new, leak-free, independent system which features a cost effective installation, improved flow and dramatically longer life.
- High-density polyethylene has outstanding chemical and corrosion resistance. It also has high strength and flexibility.

- Save 50% compared to pipe replacement
- No interruption of services
- Little or no surface damage
- Faster project completion
- Improved hydraulic capacity
- Sealed system prevents leakage
- Long service life
- An effective, economical system to help promote a cleaner, healthier environment

**Installation:**  
Lengths of pipe are fastened together using a chain wrench. The joint automatically self seals. An end protector plate is attached for hydraulically pushing or winching completed sections further into spillway. This routine is carried out until the entire pipe insertion is finished. For complete step by step information, refer to ISCO publication “Snap-Tite® Spillway Piping Liner Installation Guide”.