



Where life interacts with infrastructure.

Potable Drinking Water

Corporate Overview

Headquarters:	San Diego, California, USA
Manufacturing:	Toronto, Ontario, Canada
Sales Offices:	Atlanta, GA; Orange County, CA; San Diego, CA; Sarasota, FL; Toronto, ON
Employees:	150+
Intellectual Property:	26 patents & licenses
Solution History:	Epoxy coatings since 1987 Structural pipe liners since 1998
Channels:	Indirect: 250+ franchisees and licensees Direct: National and regional account managers
Markets:	Commercial, industrial, federal, municipal, residential
Customers:	Owners and property managers of hotels, multi-unit residential buildings, hospitals, schools, office buildings, manufacturing facilities, utilities, municipal buildings, military bases and ships, homes and more.

Mission Statement

Nu Flow will provide its cohesive network of licensees and clients with unique, versatile and affordable pipe lining solutions,

All Under One Roof.

We are achieving this goal daily with rigorous quality standards, personable service and ongoing R&D.

Corporate Offices

Nu Flow, Toronto

Sales, Installations, R&D, Manufacturing and Corporate

Support Services

Nu Flow, Sarasota

Sales and Installations

Nu Flow, San Diego

Sales and Installations, Corporate Support Services

Nu Flow, Orange County

Sales and Installations

Nu Flow, Atlanta

Sales and Installations

Nu Flow Specialty Group

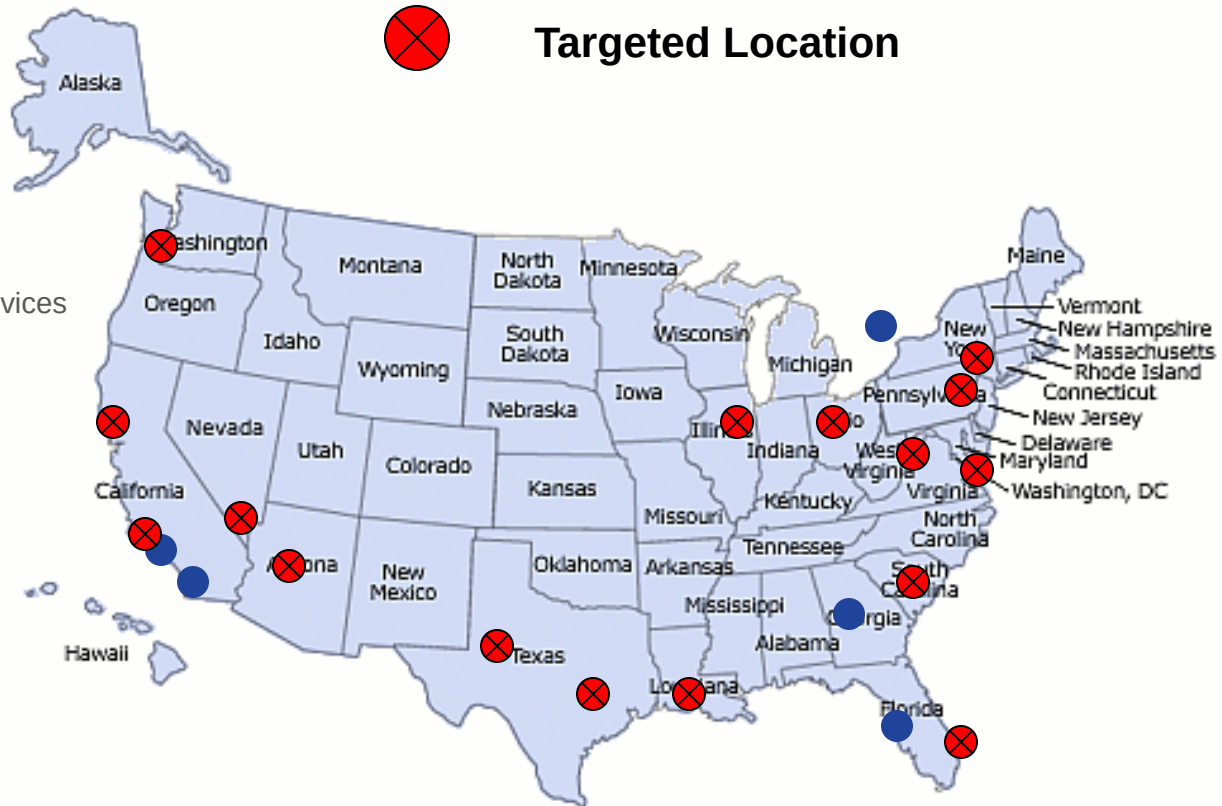
Installations, Anywhere at Anytime



Current Location



Targeted Location



Any Pipe...Anywhere

Structural Pipe Lining Solutions



Pipe Renewal and Coating Solutions



Solutions for All Systems

Drain and Sewer Rehabilitation

- Complete sanitary and sewer drain pipe retrofit solution
- Complete pipe liners for ½" to 8" pipe
- Spot repair liners for up to 36" pipe
- In-building and underground sanitary waste systems
- Sewer laterals
- Vertical drain stacks
- Roof drain and storm drain systems
- Structural change of diameter products
- Nu Flex Liner for multiple 45° and 90° bends
- Mini re-instater inline cutters

Pressurized System Lining

- Pipe restoration and epoxy coating solution
- Pipe lining for ½ " to 8" pipe
- Potable hot and cold water pipes
- Water mains and lateral service lines
- HVAC, heating and cooling pipes
- Fire suppression systems
- Refrigerant system pipes
- Process fluid pipes
- Compressed air lines
- Copper and nickel sanitary pipes

Custom Hybrid Solutions

- Non-potable pressurized systems

Before and After

Structural Drain Liners

Cast Iron Pipe



Epoxy Coatings

Galvanized Steel



Copper Pipe



The Nu Flow Advantage

Traditional Pipe Repair	Nu Flow Rehabilitation
• Involves demolition to access pipes • Highly disruptive to tenants / owners • Requires repair / reconstruction to return property to original condition • Not a long-term solution (problems will return) • Not feasible for inaccessible pipes	• Trenchless and no-dig solutions • Less disruptive and faster than traditional pipe repair or replacement • Avoids destruction of buildings, hardscapes and landscapes and associated reconstruction costs • Long-term solution to prevent future problems • Solves the most challenging pipe situations

Nu Flow Advantages

- Roughly 25% of the cost of traditional pipe replacement
- About 25% of the time vs traditional pipe replacement.
- Able to provide a solution when pipe replacement is prohibitively expensive/impossible.
- Increases system efficiency and reduces energy costs for related pumps and compressors
- Minimal disruption to building occupants/ processes
- Avoids destruction of buildings, hardscapes and landscapes and associated reconstruction costs
- Longer life expectancy than new pipes
- Solves the most challenging pipe situations
- Green benefit: 100% reuse of mechanical system (minimal waste)

Nu Flow Customers and Projects

Government

- U.S. Army
- U.S. Navy
- U.S. White House Complex
- U.S. Capitol Building Fountains
- NASA
- Washington State Capital
- Sacramento Capital Offices

Healthcare & Life Sciences

- Bonner General Hospital
- Morningside Assisted Living
- GlaxoSmithKline
- Sudbury Regional Hospital

Education

- Clemson University
- Oregon State University
- Rancho Bernardo High School
- Sunset Elementary School
- Ashland High School

Industrial

- ATK Boeing Space Systems
- Coca-Cola
- General Motors

Lodging & Multi-Unit Residential

- Crowne Plaza Hotel
- St. Croix Club
- Woodway Place Atrium Condominiums
- Plymouth Harbor on Sarasota Bay
- Washington Park Tower

Offices

- 125 Broad Street, NY
- Tishman Speyer (e.g. MetLife Building, NY)
- Irvine Company Office Properties

Retail

- Westfield Mall
- Longs Drug Stores

Epoxy Pipe Lining

Nu Flow Epoxy Coatings

In-Place Pipe Rehabilitation
Using Trenchless and No-Dig Technology
in Buildings and Underground

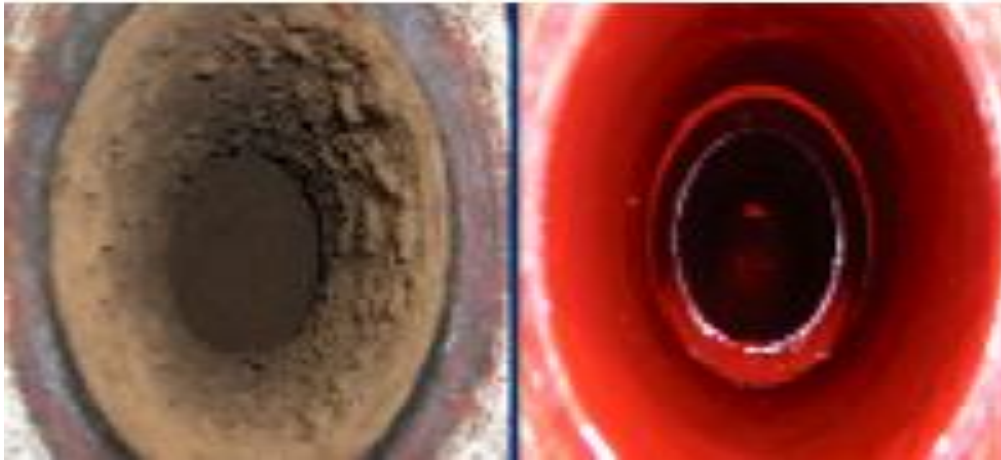
Pressurized Pipe Solutions

- Nu Flow offers truly no-dig technology saving the customer thousands of dollars in labor and restoration versus a repipe
- Nu Flow epoxy coatings for pipes from ½" to 8" in diameter
- Epoxy creates barrier between pipe and water extending the useful life of the pipe system to an estimated 50 to 100 years
- Smooth finish increases flow through pipes
- Prevents corrosion, scaling and leaks
- Can be installed from existing connection points to the pipe system
- Prevents metals from leaching into drinking water

Pipe Renewal and Coating Solution

Usage of Pipe Renewal and Coating Solution

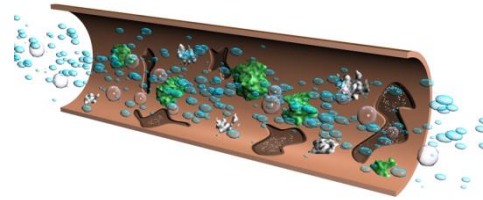
Piping systems from ½" – 8" diameters above and below ground can be internally cleaned and coated with Nu Flow's patented epoxy.



- Potable water pipes*
- Heating and cooling pipes
- Process water pipes
- Roof drain piping
- Pool supply/drain pipes
- Compressed air lines
- Galvanized, steel, copper and lead pipes

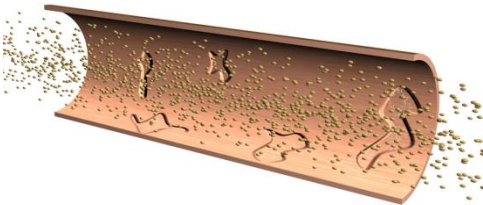
* Potable water systems require epoxies that are NSF-61 certified by the National Sanitation Foundation.

Pipe Renewal and Coating Process



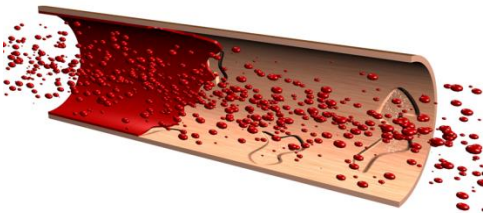
1. Prepare pipes

Faucets and fixtures are disconnected and using those existing connection points, the pipes are drained and dried with heated air.



2. Clean the pipes

Using the same compressed air, the pipes are sand blasted to remove corrosion and rust and to prepare the inside of the pipes for epoxy coating.



3. Install the epoxy

A patented two-part epoxy is mixed and blown into the pipes using compressed air. Using valves to control the process, the epoxy is spread to an even layer throughout the entire piping system.

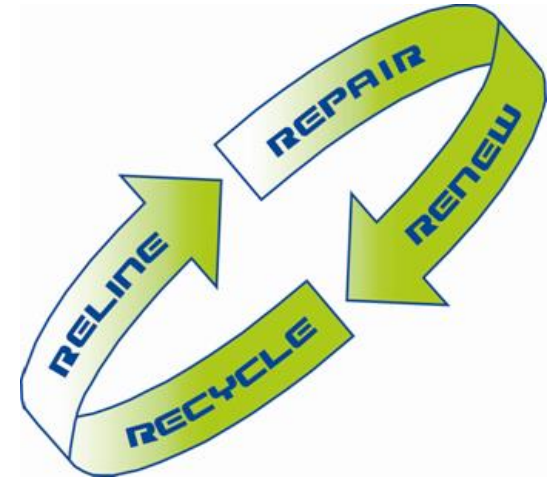


4. Curing and reconnection

The epoxy cures in 24 hours and the fixtures are reconnected and put back in service.

Epoxy Coating Benefits

- Cost Saving and Convenience
 - Less mess
 - Less time
 - Permanent solution to corrosion
- Environmental Benefits
 - Reduces landfill waste by not replacing pipe
 - Extends useful life of existing pipe systems
- Health and Environmental Benefits
 - Eliminates harmful lead and heavy metal leaching
 - Eliminates particulates at aerators and valves



Cost and Convenience

Pipe Lining Repair



- Cost effective and fast
- Reduces downtime
- Non-disruptive to occupants
- Abatement minimized
- Molds left undisturbed

Traditional Repair



Epoxy Lining Jobs Completed



- Commercial Buildings
- Government Buildings
- Multi-Unit Residential Buildings
- Hotels
- Hospitals
- Schools
- Industrial Facilities
- Churches
- Naval Vessels
- Residential Homes

1/2-4" Potable: Portland CC



Situation

- All domestic water piping in six buildings
- Repipe would be costly and disruptive to college



Benefits of Nu Flow Solution

- Pipes were rehabilitated without disruption to the facility
- Cost savings of over \$1 million when compared to traditional pipe replacement

1-3" Potable: Bonner General Hospital



Situation

- Failing potable lines in 65 bed hospital
- A repipe would not be feasible

Benefits of Nu Flow Solution

- Pipes were cleaned and restored
- All potable lines were coated with epoxy

1/2" - 1" Potable: Barbara Terrace Condos

Situation

- Copper potable water pipes with diameters of 1/2", 3/4" and 1"
- High frequency of slab leaks and above-grade pinhole leaks that caused flooding and mold damage

Benefits of Nu Flow Solution

- All pipes were cleaned
- Patented epoxy was applied without causing damage to the property
- Epoxy coating covered pinhole leaks and will prevent further corrosion to the pipes



4" Potable: Columbia Center

Situation

- 120 feet of cast iron drinking fountain and kitchen stacks with a diameter of 4"
- Potable water stacks are from 6th floor through the 15th floor
- Pipes experienced corrosion

Benefits of Nu Flow Solution

- All pipes were cleaned and applied with epoxy to prevent future corrosion
- Patented epoxy was applied without causing disruption to normal operations of offices
- There wasn't destruction of ceilings, walls or floors



Main Drain Line & Potable Recirculation Lines: Las Flores High-Rise Condo



“We’ve been perfectly happy with the job Nu Flow has done. We would have had to dig up the whole front end of the property to replace the main line, had we decided that’s the way to go. But this lining has done away with all that.”

-Dennis Brokaw, Property Manager,
Las Flores Tower

Situation

- Part of the 10” cast iron main line was missing
- Recirculation copper lines with a 1.5” diameter
- Customer did not want a re-pipe because of the cost and the destruction it would cause
- The luxury, waterfront condo is 15 stories

Benefits of Nu Flow Solution

- Nu Flow was able to clean and line the entire main line and potable recirculation lines
- There were no holes dug and the residents were not inconvenienced

Potable Mains: The Wellington Condo

Situation

- This three-story, waterfront condo's aged potable pipes had chronic leaks, low flow, corrosion and discolored water
- These 2"- and 3"-wide galvanized pipes are located beneath a concrete slab

Benefits of Nu Flow Solution

- Nu Flow was able to preserve the concrete foundation
- Our no-dig, blown-in epoxy lining solution did not inconvenience or hassle residents
- We successfully rehabilitated the incredibly corroded pipes in a challenging location where a traditional re-pipe would have failed
- Our technicians ran a temporary water line for the building so the residents had fresh water while we worked



6" Potable Main: Gulfview Club Condominium



Situation

- The 27-story beachfront condo's inbound water main was very old and corroded, putting all of the residents in jeopardy of suddenly losing water
- Part of the 6" steel potable water main was located underground, making it difficult to access

"The alternatives were costly. We didn't want to re-route or replace the pipe. Nu Flow's solution was much more preferable. We didn't need to open up walls; we didn't need to tear out pipes. Nu Flow did a really, really good job."

-Alan Linardich, Gulfview Club Condos,
Property Manager

Benefits of Nu Flow Solution

- Nu Flow cleaned and lined the water main using existing access points, which prevented having to put any holes in the building
- Nu Flow provided temporary water to the residents so they were not disrupted
- Nu Flow finished the job in one business week



All Copper Underground Potable Pipes: La Jolla Luxury Home

Situation

- Copper potable pipes, ½" to 2" in diameter, located under the concrete foundation
- Corrosion and pinhole leaks are very common in copper pipes due to natural corrosiveness of potable water
- The contractor for an under-construction mansion wanted to prevent future potable pipe system failures

Benefits of Nu Flow Solution

- Nu Flow coordinated our work schedule around all other contractors to minimize disruption
- Contractor and homeowner now have the comfort of knowing that an epoxy barrier will protect hard-to-reach potable pipes



Potable Water Line: Wiejska Villa in Poland



“Nu Flow Polska’s process was quick and easy. They even created a water bypass allowing undisturbed harmony to my home. My family and I recommend Nu Flow Polska to any home owners.”

- Lukas Z., Homeowner

Situation

- A three-story country estate in Poland experienced pinhole leaks in the aged potable pipes beneath a garden outside
- A traditional re-pipe would include digging up the garden, which the custom wanted to avoid
- 1 ¼” galvanized steel pipes about 30 years old

Benefits of Nu Flow Solution

- Nu Flow rehabilitated the potable pipes without causing any disruption or destruction to the property’s hardscape or landscape
- The pipes are now protected with our patented epoxy coating, so future pinhole leaks will not develop

Potable System: Historic Salerno Apartments

Situation

- 80-year-old hot and cold water system
- Galvanized and copper pipes with diameters from ½" to 1 ¼"
- The pipes leaked, experienced low flow and would not provide hot water
- When two new water heaters did not provide hot water, residents knew there was a serious problem with the pipes

Benefits of Nu Flow Solution

- Nu Flow was chosen by the HOA to rehabilitate the failing system because our no-dig pipe lining technology would preserve the historic building
- Our solution was a fraction of what a traditional re-pipe would have cost
- A re-pipe would have taken 2 years and our work took 10 weeks



Potable Water System: Triple Crown Condos



“Nu Flow's solution was about half the cost of a re-route and it is less intrusive to the homeowners.”

- Tina Rozycki, Vice President of Property Management,
Curtis Management Company

Situation

- The condominium complex's hot and cold potable water system was made up of copper pipes that range from ½" to 1" in diameter
- The pipes are located in the walls and under the slab within units
- Residents experienced a severe increase in slab leaks, which caused damage to the units

Benefits of Nu Flow Solution

- A re-route, dry-out and slab repair would cost the condominium owners' association about \$10,000 per unit
- Nu Flow's in-place pipe restoration technology did not cause destruction or disruption to the condo units or residents