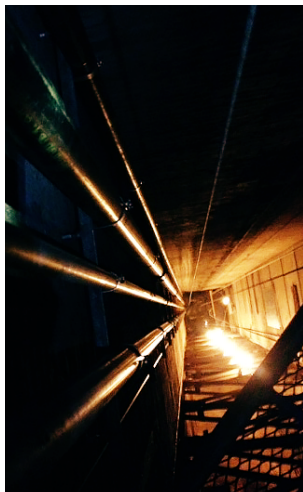


# Maiden of the Mist



**Application** Install a new fuel line from the top of Niagara Falls to a new dock 200' below the cliffs on the American side of the Niagara River

**Location** Niagara Falls, New York

**Client** Maiden of the Mist Corporation

**General Contractor** L.P. Ciminelli

**Product** Dualoy 3000LCX was chosen for its strength and weight.

**Installation Date** March 2014

**Installation conditions** Temperature 20-40 degrees F. Pipe was to be installed vertically down an existing elevator shaft. Each piece of pipe was lowered into the shaft and attached to the previous piece using PSX-20 adhesive. The pipe was glued and heat assisted with Chem Cure Paks. Primary testing was done and secondary fittings were installed. Once installed the pipe run was anchored to the wall of the elevator shaft using our Engineering and Piping Design Guide. On the top level of the site, the pipe was connected to a tank that will gravity feed a 300 gallon day tank at dock level. Boats will refuel from this day tank which also supplies a back-up generator.

### Features & Benefits

2" Dualoy 3000LCX weighs .9 pounds per foot and is a true double wall piping system. Compared to the 4 pounds per foot of single wall galvanized pipe the LCX was much more manageable on a vertical installation. The area around Niagara Falls is very damp due to the spray of the falls and rust is a major factor for any exposed metal. The use of fiberglass eliminates all concerns about rust and corrosion. Since the boats will be using ULS diesel fuel, the concerns of the effect of this fuel has on metal is also avoided by the use of fiberglass pipe.

#### North America

17115 San Pedro Ave. Suite 200  
San Antonio, Texas 78232 USA  
Phone: 210 477 7500

#### South America

Acesso A Zona Industrial  
Portuária de Suape, s/nº - Suape,  
Ipojuca-PE-Brazil 55.590-000  
Phone: 55 81 81312488

#### Europe

P.O. Box 6, 4190 CA  
Geldermalsen, The Netherlands  
Phone: 31 345 587 587

#### Asia Pacific

No. 7A, Tuas Avenue 3  
Jurong, Singapore 639407  
Phone: 65 6861 6118

#### Middle East

P.O. Box 17324  
Dubai, UAE  
Phone: 971 4881 3566

[www.fgspipe.com](http://www.fgspipe.com) • [fgspipe@nov.com](mailto:fgspipe@nov.com)

