Within Reach
The New Jersey-New York pipeline is arguably the most important piece of new natural gas infrastructure under construction in North America today. An expansion of Spectra Energy’s Texas Eastern and Algonquin systems, the pipeline will deliver critically needed natural gas supplies to the New Jersey and New York City areas. When complete in late 2013, the 20-mile expansion will provide 800 million cubic feet per day of additional capacity to the region … an estimated $700 million in total annual energy savings in New Jersey and New York … millions of dollars in tax revenue … and quantifiable environmental benefits.

Construction has been under way since July 2012, and in December we achieved a project milestone – and major engineering feat – completing the pipeline crossing beneath the Hudson River into Manhattan. The crossing used the process of horizontal directional drilling, allowing us to avoid disturbance to roads, utilities or waterways – particularly important in densely populated metro areas.

The New Jersey-New York pipeline will be one of the safest ever built in North America. It is being constructed to exacting federal regulations and industry standards, and utilizes advanced, high-resistant steel and modern safety features like remote control valves and the ability to use robotic ‘in-line’ monitoring devices. The environmental benefits of the pipeline, including avoiding six million tons of carbon dioxide a year, support Mayor Bloomberg’s ambitious sustainability program, PlaNYC, New Jersey Governor Chris Christie’s Energy Master Plan and broader national policy goals of reducing the carbon intensity of our economy.

Mayor Michael Bloomberg

New York, N.Y.

“The Spectra Energy pipeline will bring much needed new supplies of natural gas into New York City for the first time in decades. This vital new link in our energy infrastructure will help accelerate the City’s transition to the cleanest heating fuels and reduce greenhouse gas emissions, while bolstering our energy security and economic growth.”

**NEW YORK CITY**

**DELCivering ENERGY SAVINGS TO NEW YORK AND NEW JERSEY**

6 million tons of CO₂ avoided annually

Spectra Energy’s New Jersey-New York pipeline will reduce greenhouse gas emissions and lessen the region’s reliance on fuel oil
If we weren’t looking closely, we might have missed it. After all, who expects to find a historic treasure trove in Staten Island, N.Y. – in 2012? Fortunately, Spectra Energy and Public Archaeology Laboratory, Inc. (PAL) were looking closely as part of our cultural resource assessment work associated with the New Jersey-New York Expansion Project. And we discovered a remarkable archaeological site, dating back at least 5,000 years, designated the Old Place Neck Site. With painstaking care, PAL excavated more than 6,000 square feet, uncovering a unique timeline of the region’s history – from Native American tribes to colonial Dutch settlers to 18th- and 19th-century activity. In all, more than 24,000 artifacts were recovered, ranging from stone tools to cooking utensils and ceramics.

The discovery adds a new and noteworthy dimension to the archaeological record of New York City, which, due to its vast urbanization, has been relatively under-documented. Analysis of Native American artifacts from the site is ongoing and includes radiocarbon dating, examination of residues and use wear on stone tools, and soil samples – all of which will contribute to a more complete account of New York City’s past.

In the spirit of sharing the lessons of history, Spectra Energy and PAL are launching a multifaceted public outreach and education program. We’ll tell the story of this exciting discovery and the area’s rich past via video, a dedicated program website, school lesson plans, educational materials and interpretive museum displays.

And, in an interesting twist, the reliable, affordable supplies of natural gas being delivered to the region via our pipeline expansion program will help power our future – and preserve our past. You just never know what taking a closer look might yield!