

## **Environmental Technology Verification Program: Water and Wastewater**

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The US Environmental Technology Verification (ETV) Program has been cooperating with NSF International since 1998 in operation of the Water Quality Protection Center (WQPC). Stakeholders of the WQPC identified infrastructure rehabilitation technologies as a key area to be considered for technology verification. NSF has been working with Dr. Vipulanandan and the University of Houston to develop testing protocols and test plans for grouting materials and coatings used in rehabilitation of wastewater structures. This association has built on the original work completed by Dr. Vipulanandan and CIGMAT.

Other technology areas have been suggested by stakeholders for consideration by the Center, including pipe bursting and liner technologies. It is anticipated that other technologies will be identified as time progresses.

US EPA has considerable interest in infrastructure, particularly in rehabilitation technologies. This is demonstrated by a number of projects that are being funded by EPA to complete evaluations of these technologies, and the anticipation of funding under a new Cooperative Agreement to operate the WQPC specifically designated for infrastructure verifications.

NSF anticipates holding a stakeholder meeting in 2008 to review the past stakeholder recommendations for WQPC focus in the infrastructure technology area. The meeting would also provide an opportunity to identify new technology areas where stakeholders would benefit from verifications, as well as prioritizing the areas for ETV efforts.