Wastewater systems are built to last generations, if properly protected.

To ensure the longevity of these intricate structures of concrete, pipes and tunnels, they are often lined with a polyvinyl chloride (PVC) resin-based sheet material that acts as a barrier against extremely hostile environments. However, a PVC liner system — such as T-Lock® or Arrow-Lock® — will only protect the underlying substrate if the liner is applied correctly, is free of pinholes, and has properly installed weld seams.

CSI provides you with just that — a quality-assurance verification that your PVC liner is correctly installed or repaired. Wastewater system owners have come to realize time and again the value of identifying liner installation problems before their system is placed into service. It is a small cost toward a long-term investment.

The veteran CSI team has an excellent reputation for providing unbiased professional inspection services. We verify that your liner system is properly installed — from its initial anchoring through final inspection testing. For example, CSI utilizes high-voltage holiday detection and employs weld probing and pull testing to ensure the strength of the welds and the reliability of the entire PVC-lining system.

CSI's weld quality-assurance program provides a continuous joint that is equal in corrosion resistance and impermeability as the liner plate. This guarantees the quality of the welds so that they will not lift from the liner as it encounters the various factors of its future service environment. Issues, such as contraction due to temperature variance, debris friction delivered by passing current, or soil settlement, can all play a part in dislodging a portion of a defective weld from the liner. Fortunately, a simple inspection from CSI can identify whether your new system requires repair before it is put into service.

Skilled inspectors scrutinize PVC liner welds and seams to determine proper installation.

CSI can identify defective welds on wastewater liners before the system is put into service.

CSI SERVICES

CSI Services, Inc., P.O. Box 801357, Santa Clarita, CA 91380-2316
P: 877-274-2422 / F: 661-775-7628
E: sales@csiservices.biz
www.csiservices.biz