

Publications

Publications

IKT Research & Testing 2014-2016



DIN A4, 68 pages

May 2016

Comparative test: Coating for a watertight manhole shaft

Comparative test: Repair methods for lateral connections

IKT LinerReport 2015: Slight disappointment on wall thickness

Stability of Manholes: A new application for the MAC System?

Inspecting pressure sewer pipes: Potential, requirements and results

Site drainage systems: More than just water-tightness

Product test: IKT puts pressure on manhole lining

Product test: IKT-tested – adapter ring makes old manholes HGV-proof

Practice days: Sewer construction and rehabilitation

IKT Research & Testing 2012-2014

IKT Research & Testing 2012-2014



DIN A4, 64 pages

May 2014

Repair of main drains and sewers

Ten years of the IKT LinerReport

Crowded Underground – soil and in-fill material requirements

Managing the Crowded Underground

Decentralised treatment of stormwater

Optimising sewer cleaning

Handling of drainage-system water from private sites

Cooperation: Connecting North America and Europe

IKT Nederland: New contact in the Netherlands

IKT test centres reaccredited

IKT Research & Testing 2012-2014

IKT Research & Testing 2010-2012



DIN A4, 68 pages

May 2012

Large pipes: installation, operation and maintenance

Network Large Pipes and Sewers

Underground space: Utilisations in harmony

Waste-water manholes: Large-scale tests and in-situ studies

IKT-LinerReport 2011: CIPP liner quality reaches celebratory high level!

Inspection of pressure lines and culverts

Infiltration tightness: Pipes tight against infiltration, too!

Comparative Test: Connex sewer laterals with ball joint score "GOOD"

Comparative Test: REHAU Awadock Polymer Connect scores "VERY GOOD"

IKT approved: IKT tests new private-site manhole – Verdict: Infiltration-proof!

IKT approved: Flushing-resistant and infiltration-proof – Test successfully passed!

Bert Bosseler appointed "Privatdozent" by University of Hanover

IKT now also in Arnhem

IKT Research & Testing 2010-2012

IKT Research & Testing 2008-2010



DIN A4, 64 pages

September 2010

Current focus of action and perspectives

Acceptance of lining measures

Quality assurance in pipe-jacking

Shallow covered waste-water pipes

Sewer construction: Functions of bedding and filling materials

Heat from waste-water

Why Comparative Test?

Comparative Test: Competition moves up to the test winner

Comparative Test: Repair systems – Better than their reputation!

Comparative Test: Odour-filter – no smell capacity

IKT Research & Testing 2008-2010

IKT Research & Testing 2004-2008



DIN A4, 92 pages
April 2008

IKT-LinerReport 2007: An improvement over last year

1:1 simulation of pipe-jacking

Geophysics: Pipe and Soil are one system

Inspection of partially filled sewers

Large profiled plastic pipes: Practical experience and test concepts

Pipes under pressure

Waste-water culverts: The forgotten feature

Recovery of heat from waste-water

Manhole Coating: An Alternative Renovation Method?

Jetting damage risk: Product tests help to avoid surprises

Root intrusion in sewers

Pipe tests under near-realistic stresses

Comparative Test: Lateral liner wanted: fitted, no crease and tight

Comparative Test: Inspection-Systems for Domestic Sewer Networks

Nozzle drop test

IKT Research & Testing 2004-2008

Reports, Journals, Conference Proceedings



Repair of Lateral Connections

Testing Top Hat Liners and Robotic Systems for Repair of Lateral Connections

Comparative Test: CIPP Liners for Lateral Pipes

Comparative Test "Inspection-Systems for Domestic Sewer Networks"

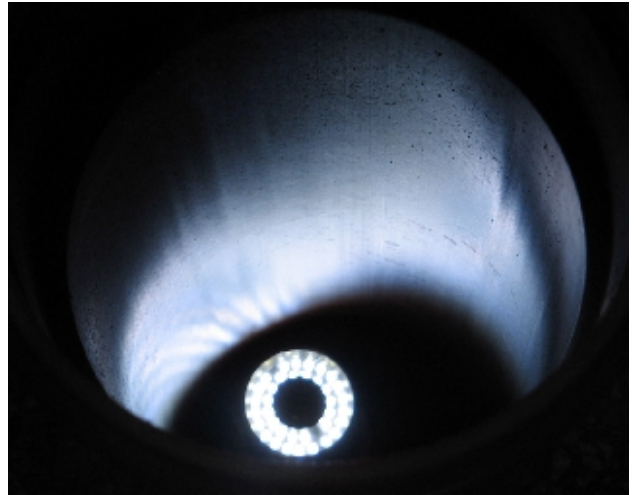
Reducing extraneous water: detection and condition assessment of leaking private sewers

Int. Conference on operation and maintenance of sewer and water pipes

EWA-European Water Association, Pollutec, 12/2003

Methods for detection and condition assessment of domestic sewer systems

Workshop DFG research group "Sewer Defect Characterization by Multi-sensor Systems", Karlsruhe, 11/2002



Inspection cameras throw light
on dark places

Sewer TV Inspection – a tool to gain more detailed information
about sewer infiltration flow from private house connections
12th European Water Symposium, IFAT 2002, München, 05/2002
Jacking of Precasted Rectangular Reinforced concrete Pipes
17th International Congress of the Precast Concrete Industry,
BIBM 2002, Istanbul, 05/2002

Operations Management System for Water Management Plants
IWA World Water Congress, International Water Association,
Melbourne, 04/2002

Adaptive Cleaning of Sewers
IWA World Water Congress, International Water Association,
Berlin 2001

Jacking of Rectangular Reinforced Concrete Pipes
IWA World Water Congress, International Water Association,
Berlin 2001