



Advanced Pipeline Services

Trenchless Technology, Services

&

Achievements (Sewerage, Water & Oil & Gas)

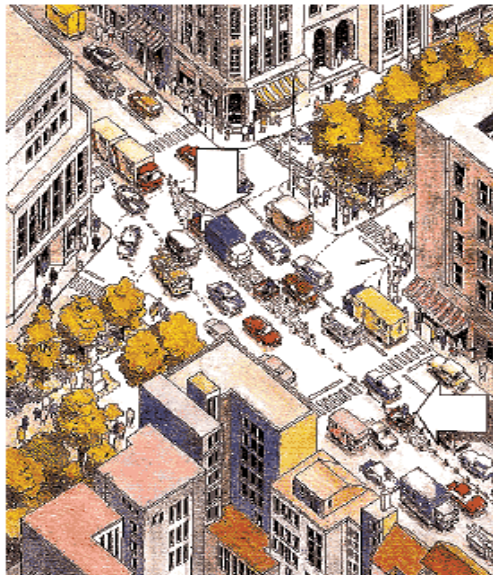
by
Dr Falah Mustafa MD
May 2023

What is Trenchless Technology?



Definition:

- Process of installing , renovating or replacing underground utility systems without open cut excavation.
- System rehabilitation is the application of infrastructure repair, renewal, and replacement technologies in an effort to return functionality to a drinking water distribution system or a wastewater collection system



Little to be seen on the surface.



Disruptive in social terms.

What is the problem?



Corrosion inside

Surface damage

Corrosion outside

Cracks deflected

Leaks

Infiltration

Incrustation

Exfiltration Excessive

Deposits

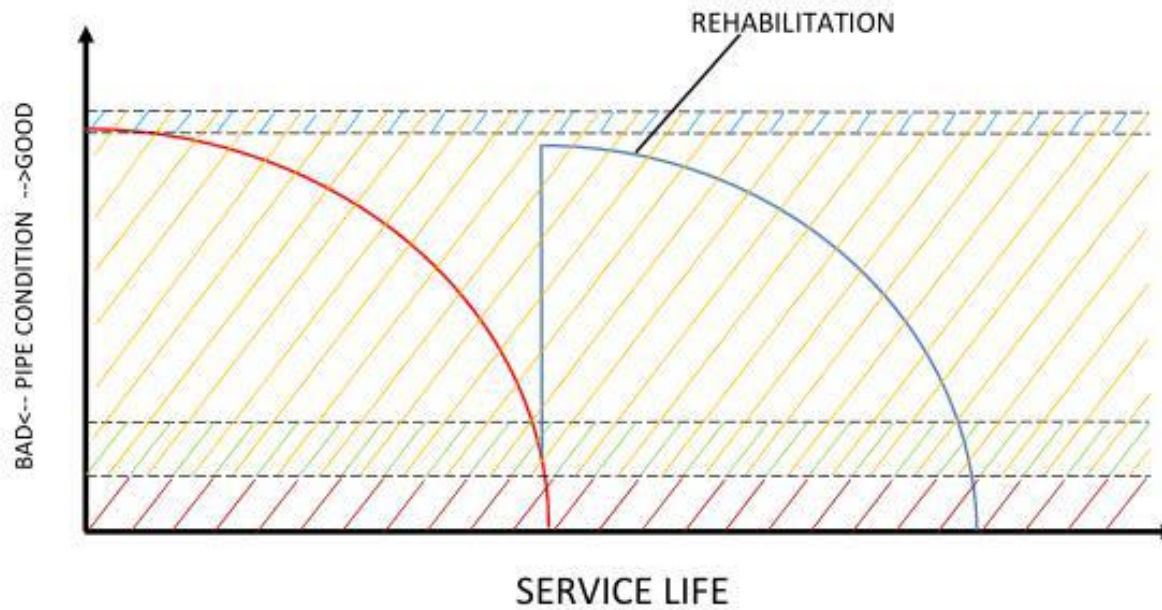
Displaced Joints

Obstruction/Hard

Offsets



Service life of pipes



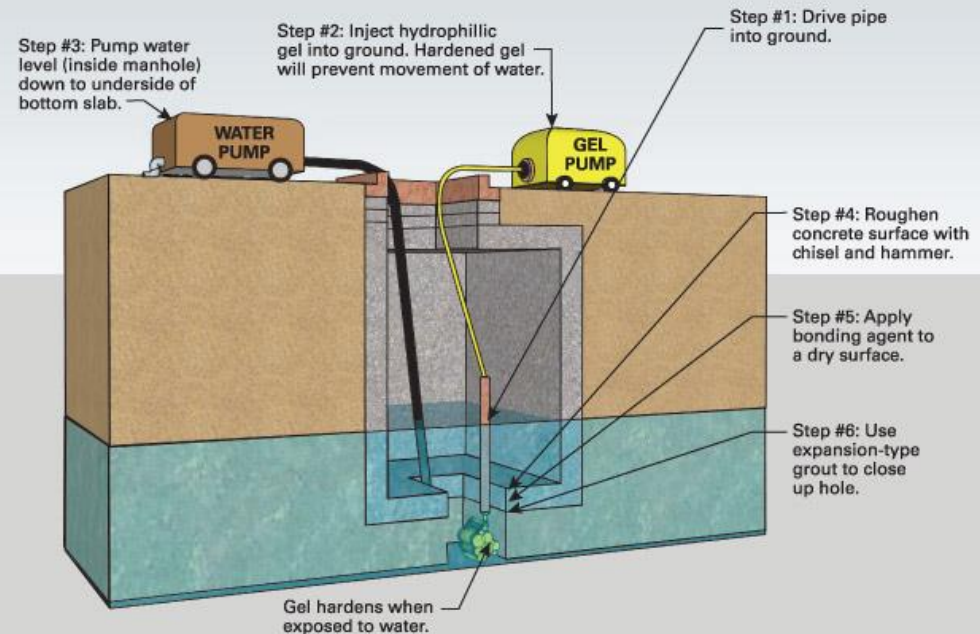
-  Normal service life
-  Extended service life through rehabilitation or punctual repair
-  Rehabilitation or punctual repair to keep the serviceability
-  Control with inspection system
-  Rehabilitation possible
-  No rehabilitation possible

Benefits of Trenchless Construction

- Reduction of installation costs
- Reduction of restoration costs
- Minimal surface disturbance and damages
- Speed
- Reduction of labour's costs
- Improved customers relations
- Fewer road closures and traffic delay
- Improved worker safety
- Reduce environmental Impact
- Reduce Social Cost



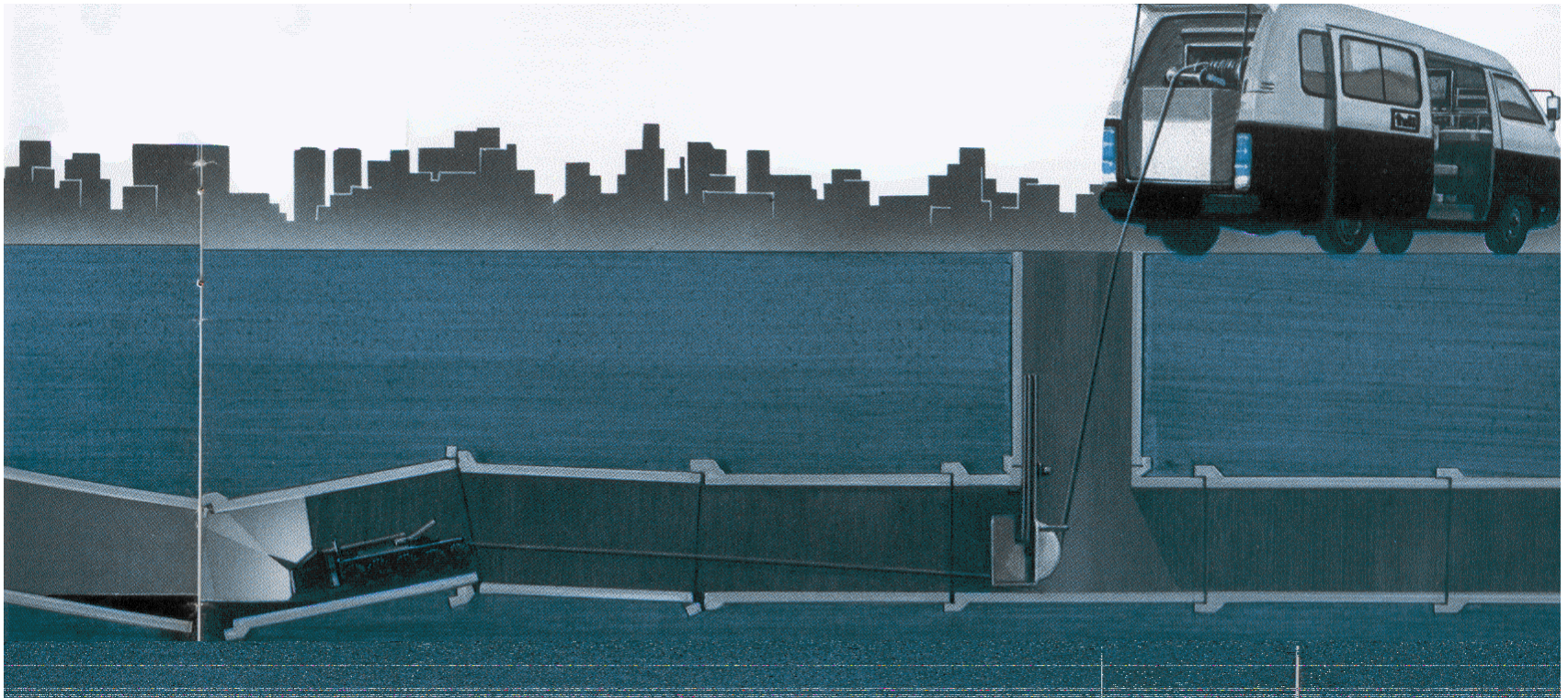
Understanding System Components: Temporary Diversion System



CCTV Equipment

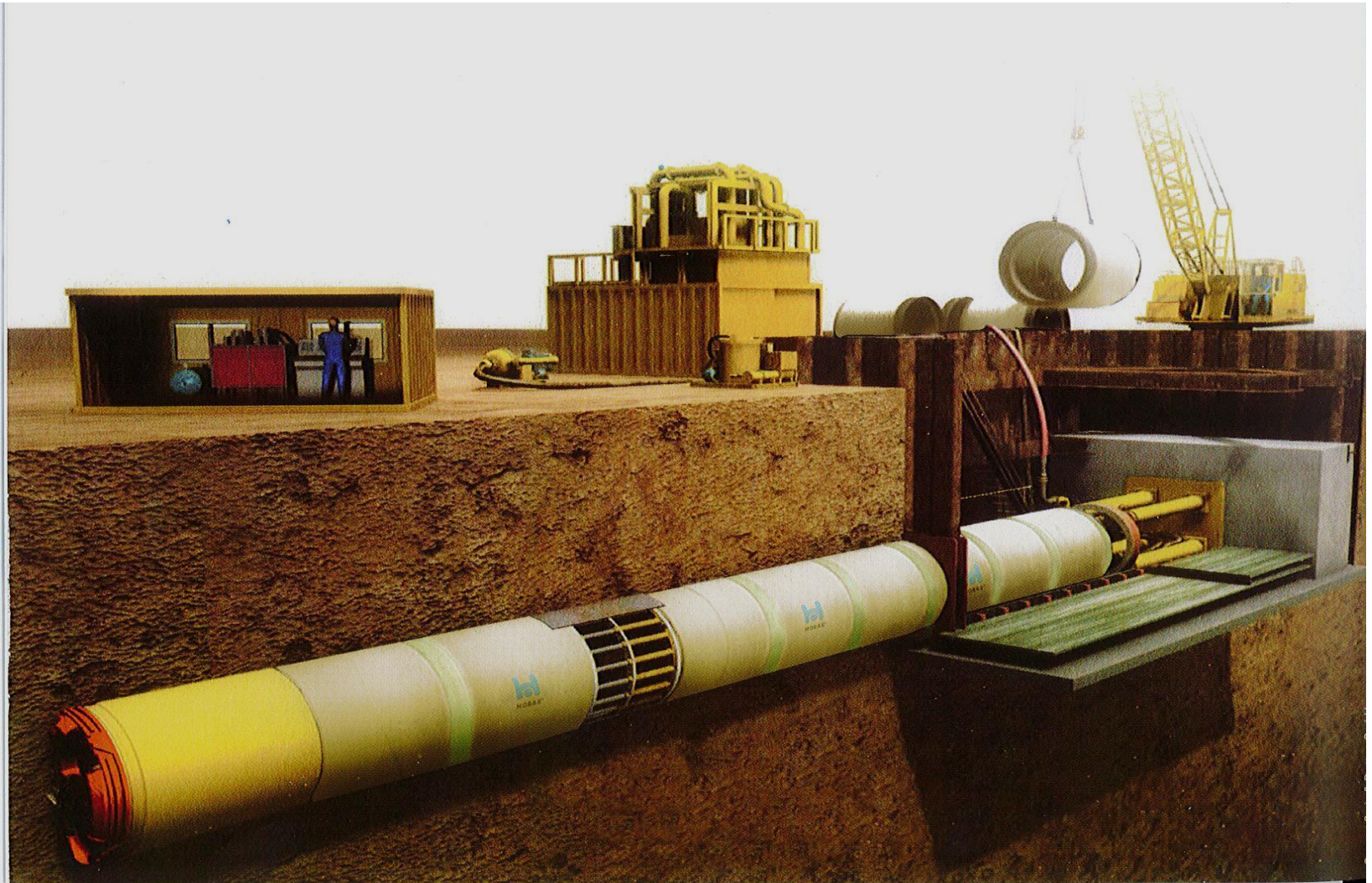


Sonar

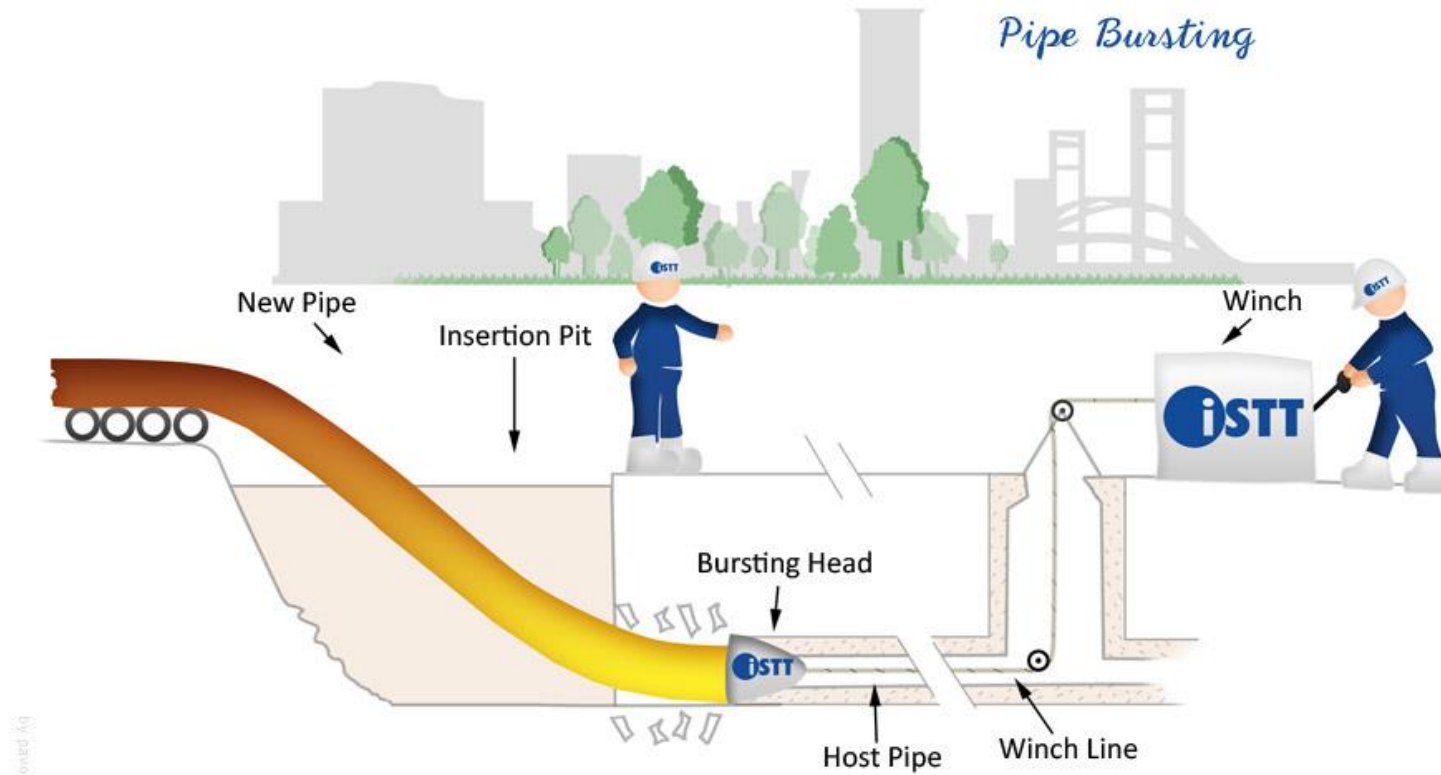


Types of Trenchless Technology

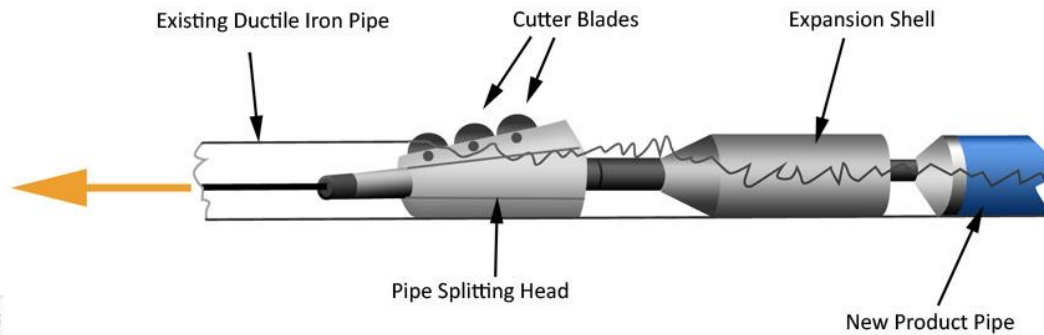
Pipe Jacking



Pipe Bursting



Pipe Splitting



Advantages of CIPP



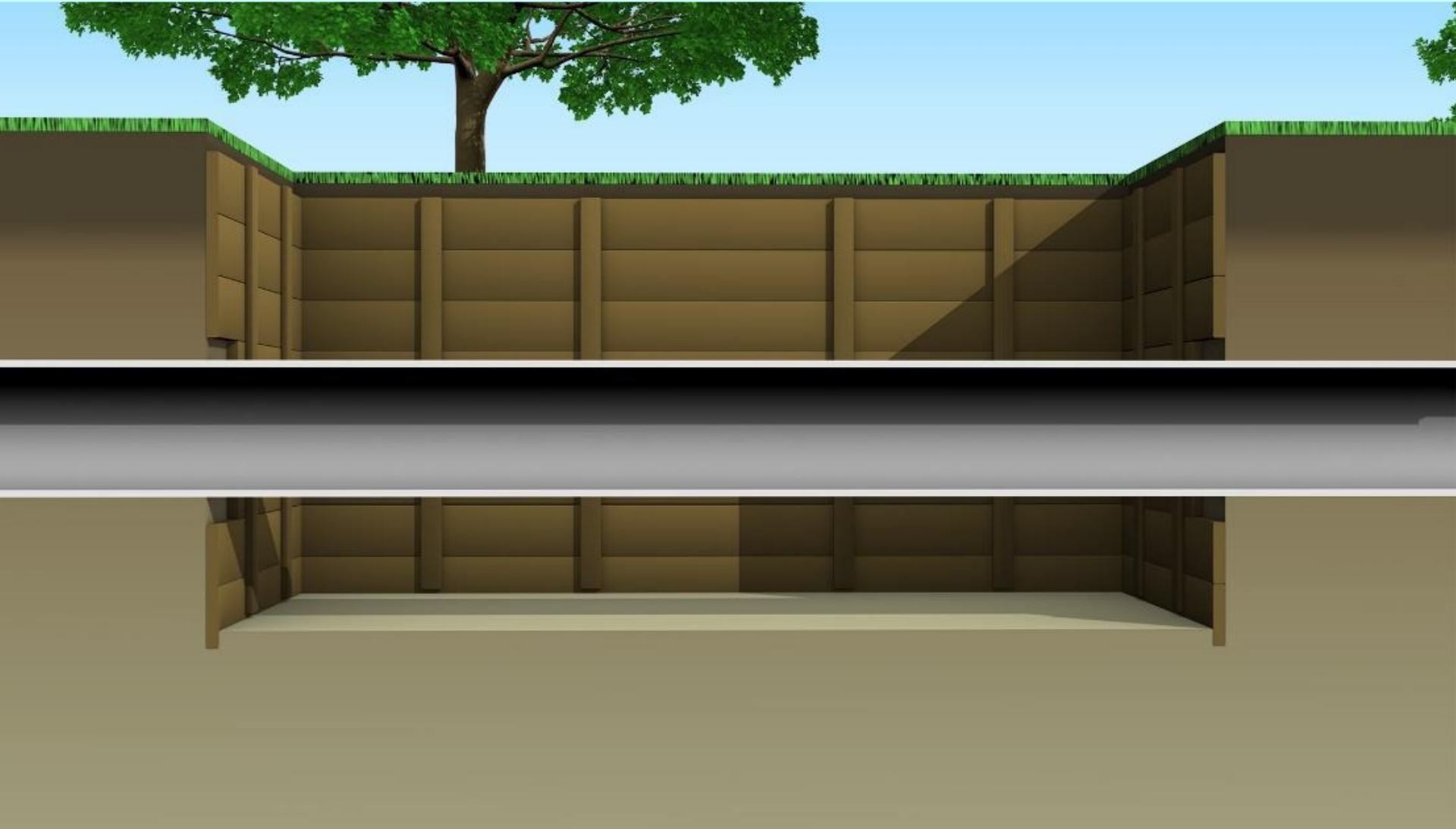
- Construction approval DIBt Z-42.3.-336 (German Institute for Construction Technology) and other international approvals
- Production controlled and supervised by TÜV (German Technical Monitoring Association) acc. to DIN EN ISO 9001:2008
- Seamless construction and smooth surface (chemical resistant inner layer)
- Highest mechanical parameters: only slight wall thicknesses are necessary, only slight cross-section loss after rehabilitation
- Reduced energy requirements during production, transport and installation
- Shelf-storage life up to 6 month
- Brief installation and less space required because all necessary equipment for the installation is stored in a truck
- Reduction of waste products due to the UV-light curing (e.g. no process water)
- Complete opening of laterals immediately after curing of the liner

PRIMUS LINER IDEAL SOLUTION FOR PIPE REHABILITATION FOR OIL & GAS USING TRENCHLESS TECHNOLOGY

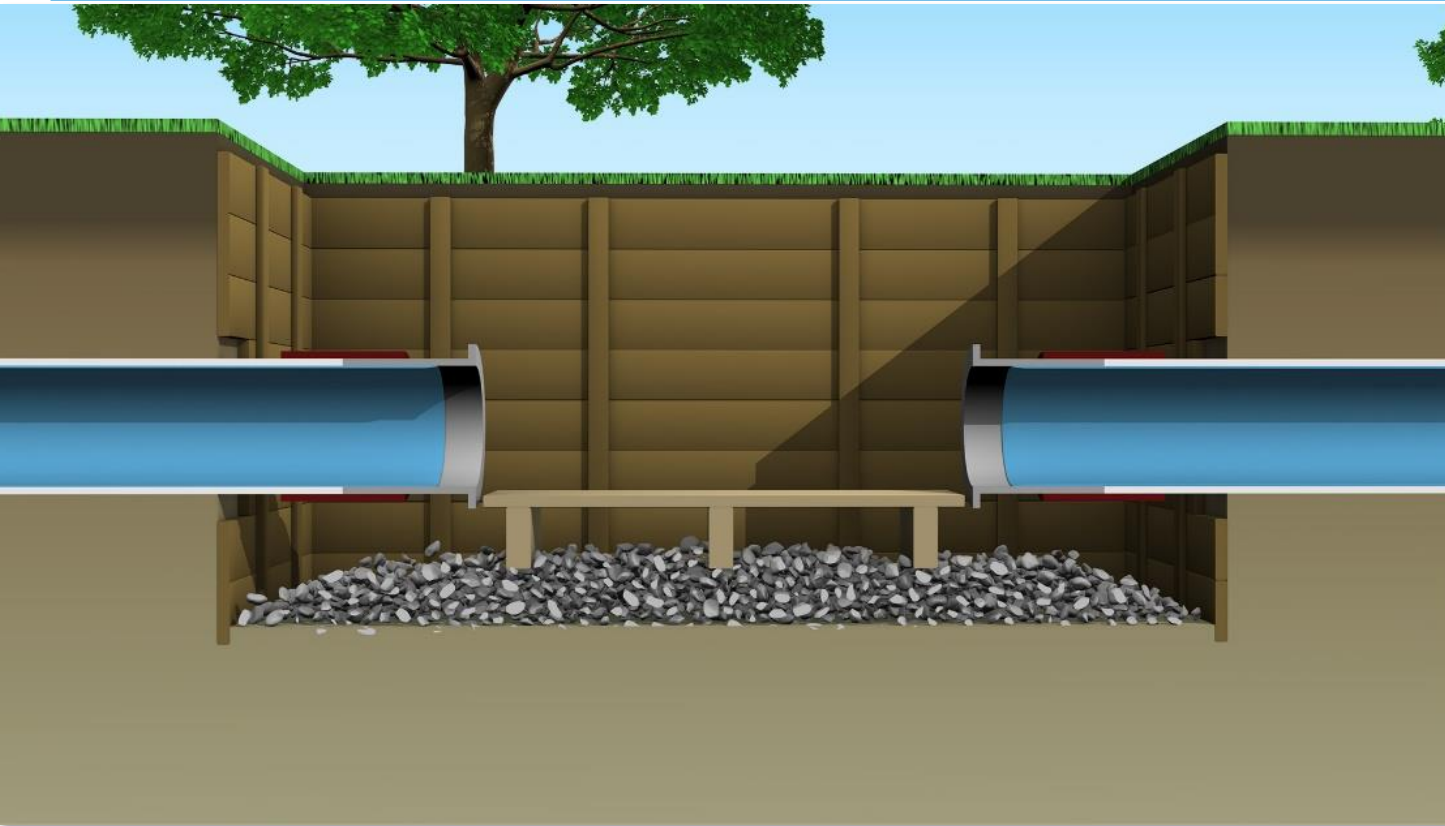


1) Preparation

In order order to uncover the old pipe pipe , an excavation pit
pit must must be build with a shoring or an escarpment



End Sealing

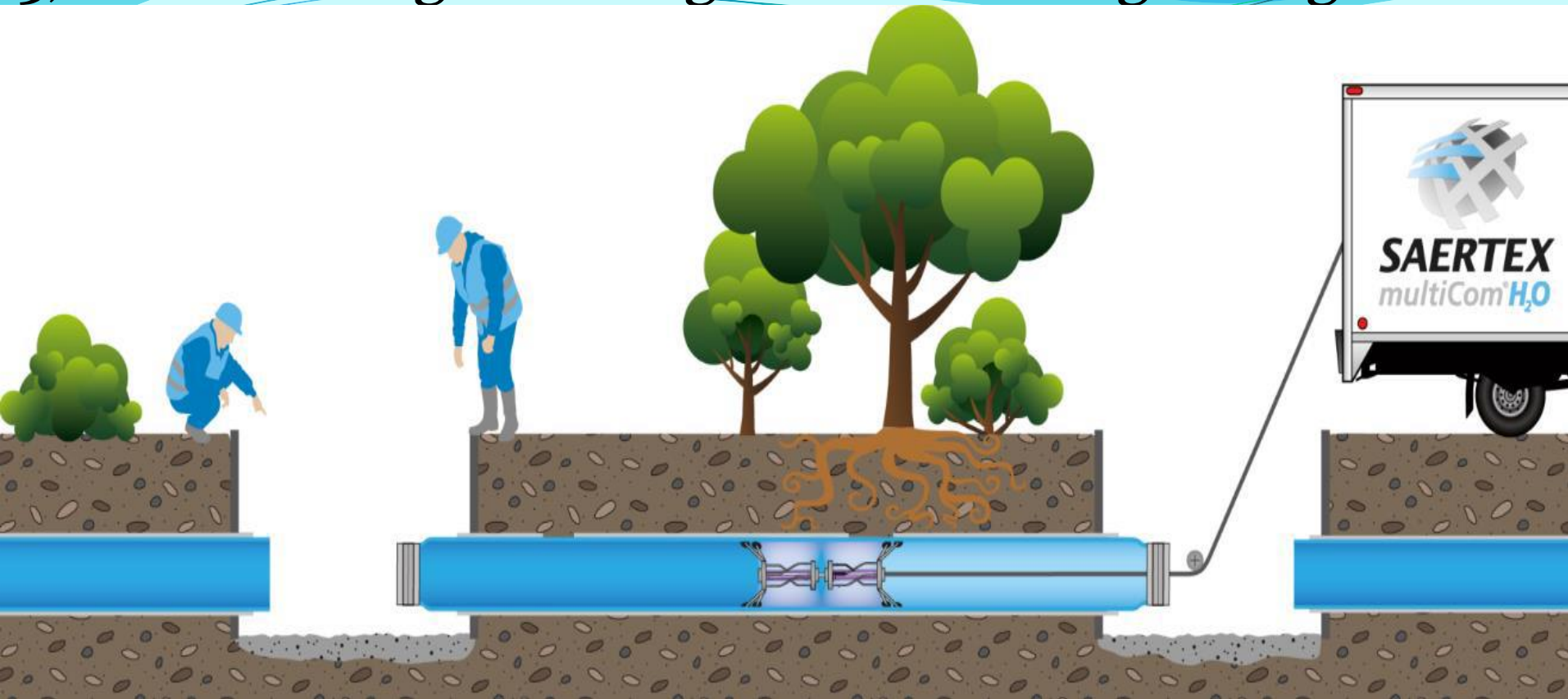


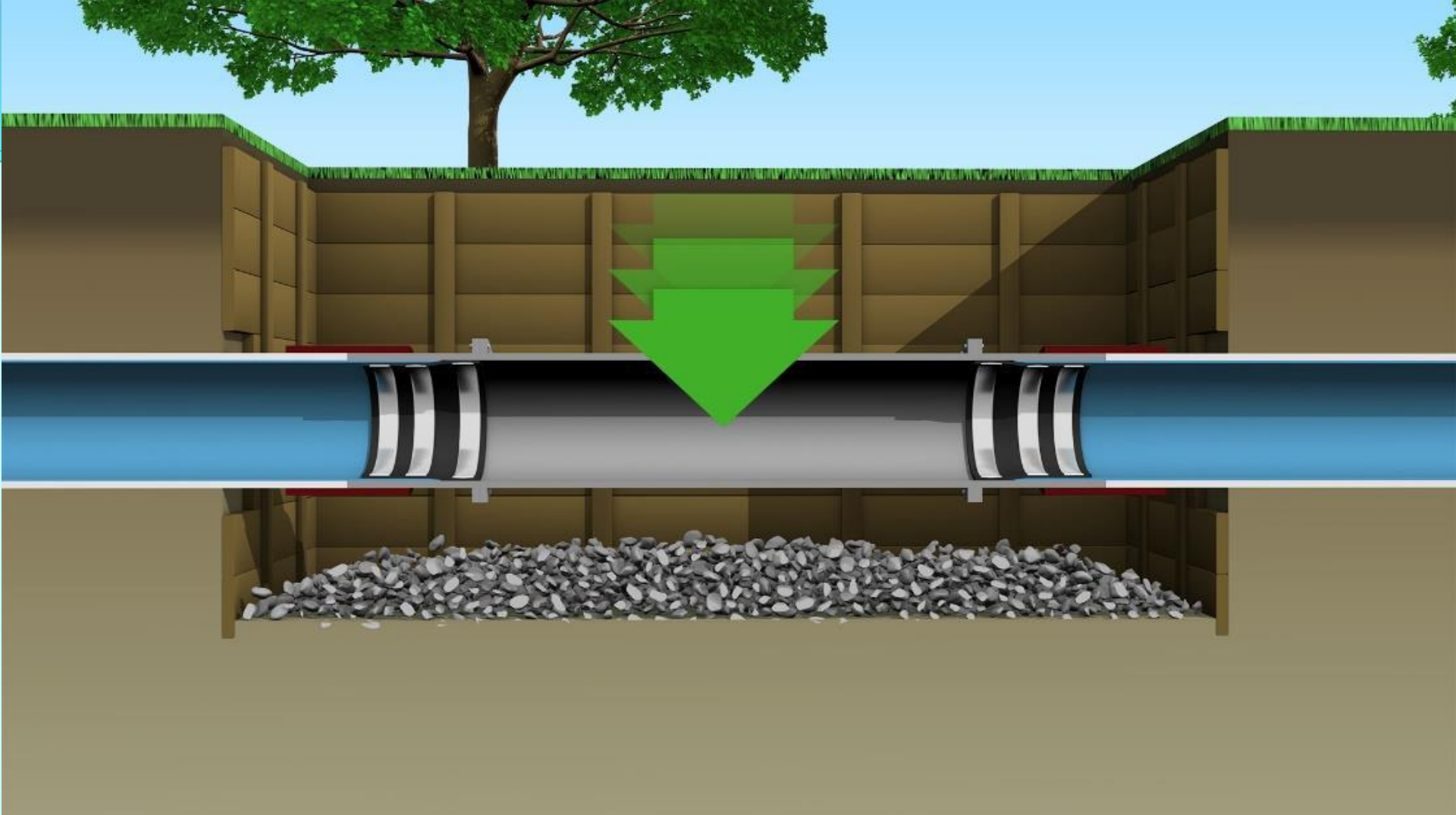
4. Installation

The SAERTEX-LINER® H₂O will be installed and cut back.



5) Pressurizing & Curing the liner using UV light train

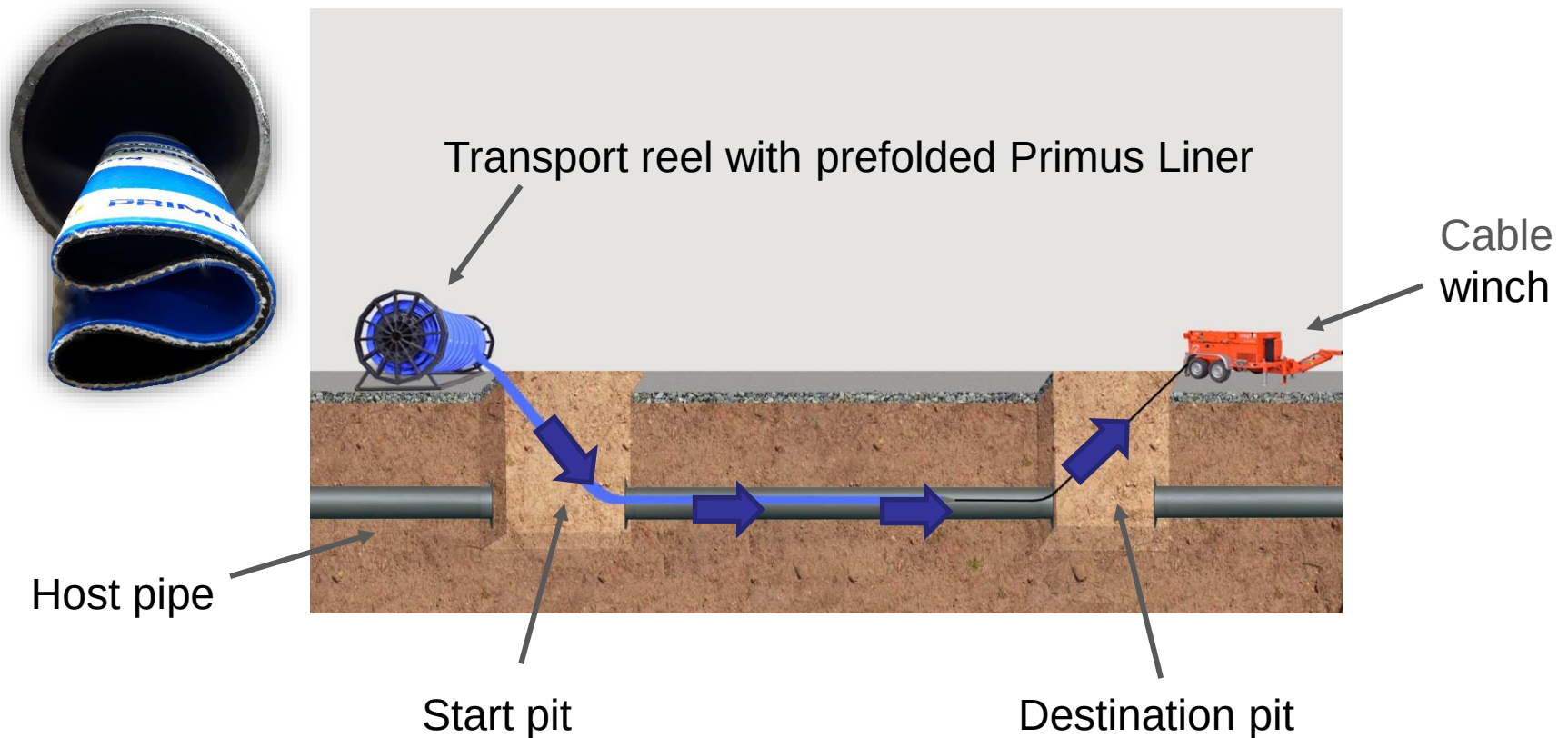




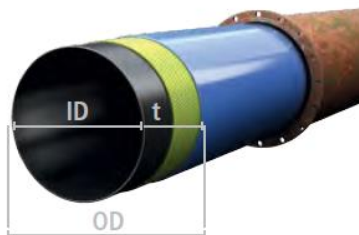
8) Final Stage : The network will be coupled to the pipe section and sealed

Installation Process

Installation Technique



Primus Line® Portfolio



Primus Line® low pressure

single-layer hybrid design

Primus Line® medium pressure

single-layer Kevlar® design

Primus Line® high pressure

double-layer Kevlar® design

Primus Line® DN 150

Primus Line® SD 150

Primus Line® DN 200

Primus Line® SD 203

Primus Line® DN 250

Primus Line® SD 261

Primus Line® DN 300

Primus Line® DN 350

Primus Line® DN 400

Primus Line® DN 400 U

Primus Line® DN 450

Primus Line® DN 500

OD mm	t mm	ID mm	burst bar	MOP water bar	weight kg/m	OD mm	t mm	ID mm	burst bar	MOP water bar	weight kg/m	MOP oil & gas bar	weight kg/m	OD mm	t mm	ID mm	burst bar	MOP water bar	weight kg/m	MOP oil & gas bar	weight kg/m
134	6.0	122	63	25	2.1	134	6.0	122	140	56	2.2	35	2.4	-	-	-	-	-	-	-	-
150	6.0	138	54	20	2.4	150	6.0	138	120	48	2.4	30	2.7	160	8.0	144	206	82	3.3	51	3.6
182	6.0	170	47	18	2.9	182	6.0	170	100	40	3.0	25	3.3	192	8.0	176	173	69	4.0	43	4.4
203	6.0	191	42	16	3.3	203	6.0	191	84	33	3.4	21	3.8	-	-	-	-	-	-	-	-
237	6.0	225	38	15	3.8	237	6.0	225	75	30	4.0	18	4.4	250	8.0	234	128	51	5.3	32	5.8
261	6.0	249	30	12	4.2	261	6.0	249	64	25	4.4	16	4.9	-	-	-	-	-	-	-	-
284	6.0	272	30	12	4.6	284	6.0	272	64	25	4.8	16	5.3	294	8.0	278	110	44	6.4	27	6.9
-	-	-	-	-	-	314	6.0	302	50	20	5.2	12	5.9	-	-	-	-	-	-	-	-
-	-	-	-	-	-	354	6.0	342	46	18	6.0	11	6.7	364	8.0	348	82	32	8.1	20	8.8
-	-	-	-	-	-	-	-	-	-	-	-	-	-	364	8.0	348	100	40	8.1	25	8.8
-	-	-	-	-	-	408	6.0	396	40	16	7.0	10	7.8	-	-	-	-	-	-	-	-
-	-	-	-	-	-	454	6.0	442	40	16	7.7	10	8.6	-	-	-	-	-	-	-	-

Types of Trenchless Technology

Slip Lining (Chinese Solution Al Ahdab)



Primus Line Water Installation

Renovation of a DN 500 pipeline in Turkey



- Transported Medium: Potable water
- Pipe Diameter: DN500
- Pipe Material: Asbestos Cement
- Length: 1.500 min two sections with 600 m and 900 m
- Installation time: 53 hours from start to finish



53 HOURS



Primus Line Diesel Installation

Renovation of a DN 900 water main with three parallel running Primus Liner



- Drinking Water pipeline
- Host pipe made of steel with OD=900 mm
- Operating pressure: 25-30 bar
- Use of DN 250 PN 30 + DN 300 PN 25
- Total Length: 1.7 km

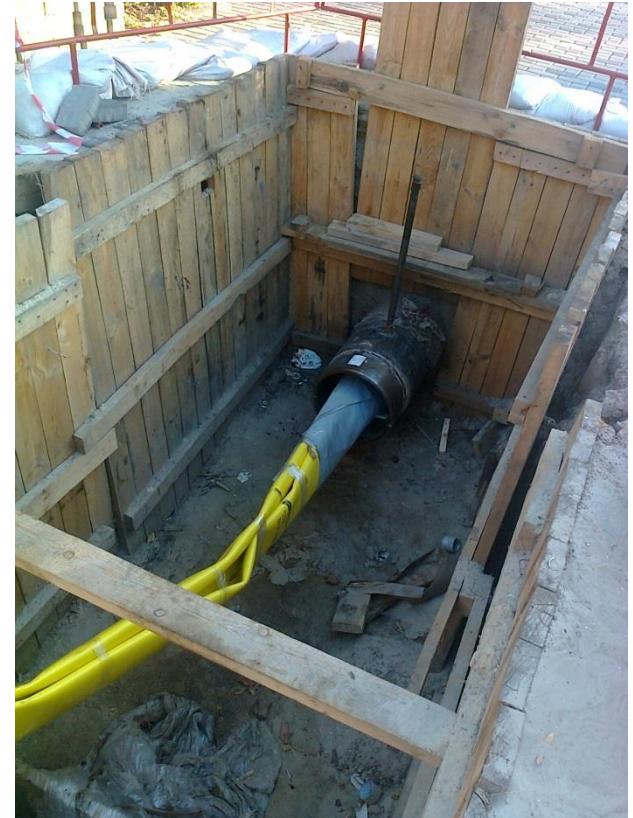


Dnjeprgas

Technical Details



- End fitting with welded end DN 500, PN 10
- Negotiated 45 degree bend
- Installation August 2013



Technical Details



- End fitting with welded end DN 200, PN 25
- Negotiated bends of up to 30 degrees
- Installation end of 2011

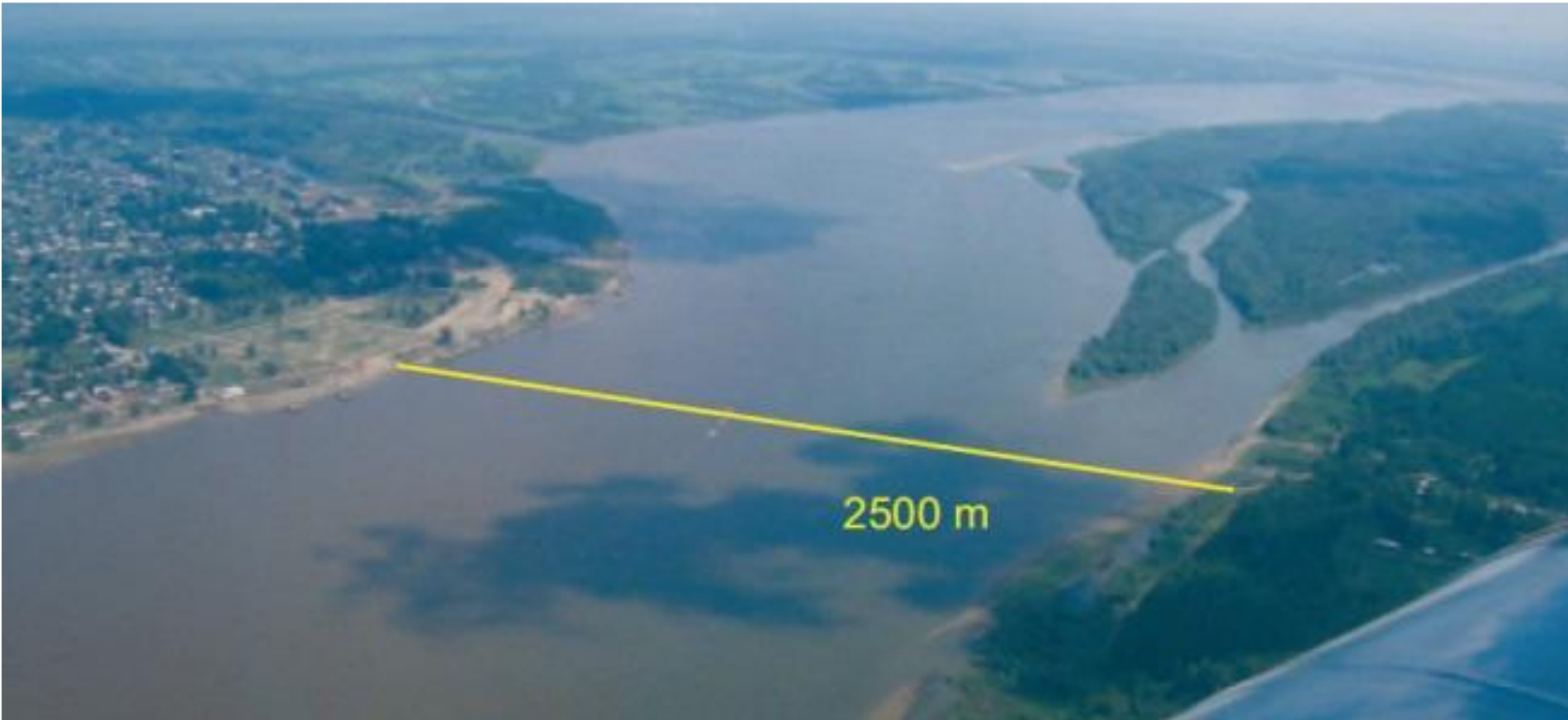


Renewal of a diesel pipeline in Italy



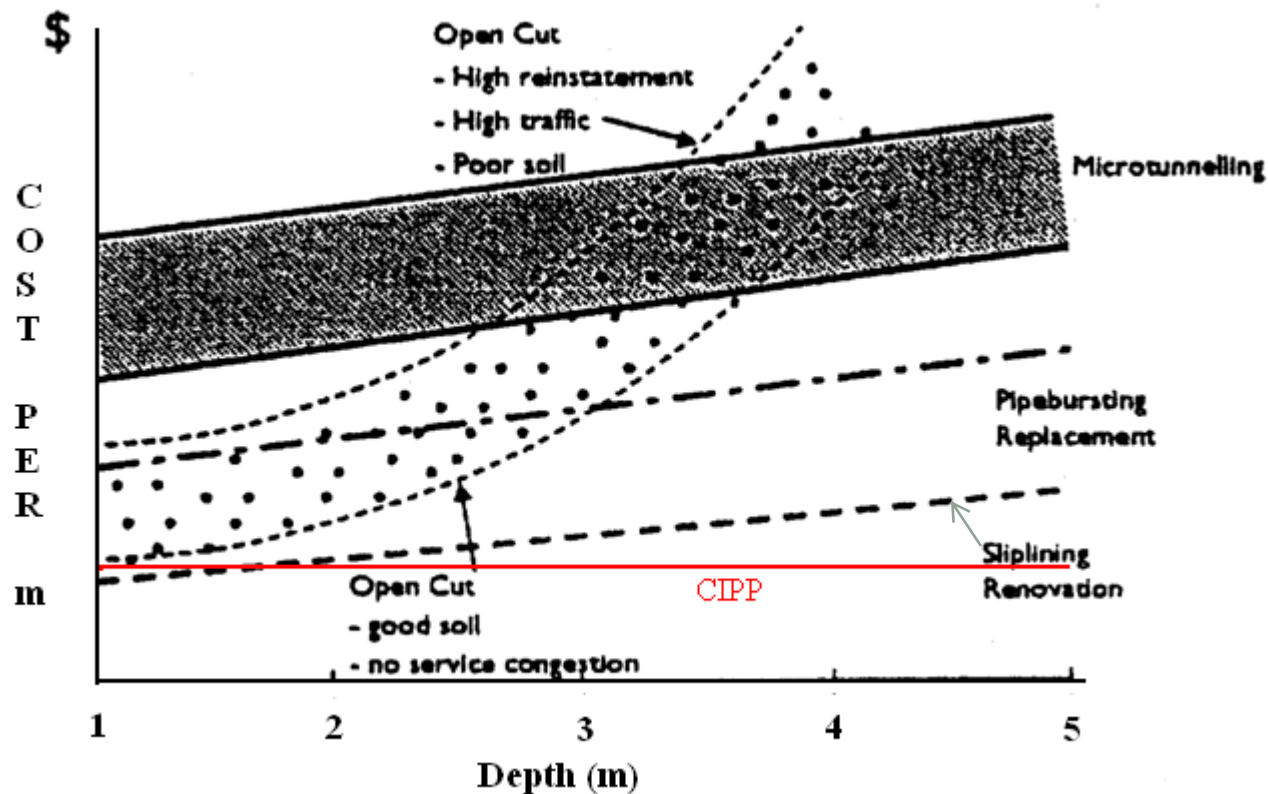
- Diesel pipeline DN 250, PN 10
- Host pipe made of steel with OD = 250 mm
- Operating pressure: 20 bar
- Installation length: 830 m in one section
- Use of Primus Line DN 250 PN 19 (single-layer) with OD = 237 mm
- Negotiated two 30 degree bends, one 45 degree bend
- Installation of Primus Liner in 3 hours

Gazprom Renewal of a gas siphon pipeline in Russia



Aerial image of the rehabilitation section with marked location of the pipeline

Cost Comparisons for the Use of Trenchless Technology



Who are ADPS ?



ADPS Background & Achievements

- Advanced Pipelines Services Ltd. (ADPS) Established in New Zealand in 1993
- Advanced Pipelines Services Abu Dhabi was established in 2010 and after going through a lengthy process of registering, making mock ups and getting necessary approvals.
- ADPS managed to get the first project in 2012 in Abu Dhabi.
- ADPS Abu Dhabi is now 100% Local Entity end of 2016

ADVANCED PIPELINE SERVICES ACHIEVEMENTS

- Advanced Pipelines Services Ltd. (ADPS) Established in New Zealand in 1993
- Advanced Pipelines Services Abu Dhabi was established in 2011

	Name	Year established	CCTV (meter)	CIPP lining (meter)
1	ADPS New Zealand	2000	500,000	100,000
2	ADPS Abu Dhabi	May 2011	60,000	30,000
	Total		560,000	120,000

ADPS Abu Dhabi achievements so far

- Established partnership and back up agreements with major International suppliers of technology, equipment & materials such as (exclusive agreements) :
 - IBAK – CCTV (Germany)
 - BRANDERBURGER – CIPP Liner (Germany)
 - PRIMUS LINE – High Pressure Pipeline (Germany)
 - SAERTEX - HIGH PRESURE PIPELINE Germany
 - IBG – CIPP Equipment (UV Technology) (Germany)
 - PER AASLEFF – Liner for special projects (Germany/Denmark)
 - AMEX/Sealtex – Joint Seal

Types of Services Provided

- Over pumping & High Pressure Jet Cleaning of Pipelines ready for inspection and rehabilitation.
- CCTV Survey & Inspection with necessary recommendations & reports
- Joint Repair Manually & Automated
- Patch Repair
- Lateral Junction Repair
- CIPP lining for all types of gravity & pressures lines using
 - Drum Inversion Method
 - UV light curing method
- Slip Lining for gravity and pressure mains.
- Manhole Repair & Rehabilitation

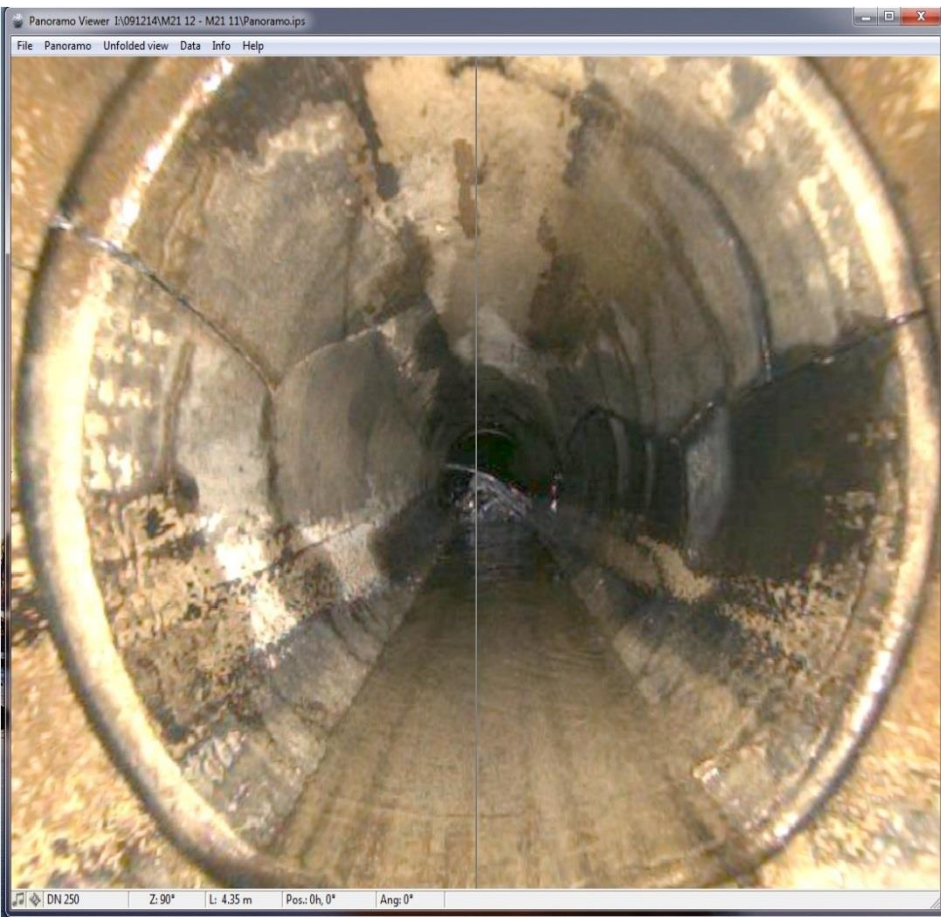
Joint Repair for 1200mm Sewerage line in Jumeirah Dubai



Samples of Completed Projects

- Cured in Place Pipe using UV technology for Storm Water Pressure line Diameter 600 mm
Al Khail Road Dubai
Municipality





Before



After

Mussafah M21 -Abu Dhabi-UAE
250mm - Sewer MAIN

Cured in Place Pipe using UV technology for Storm Water Pressure line Diameter 600 mm Al Khail Road Dubai Municipality



Before

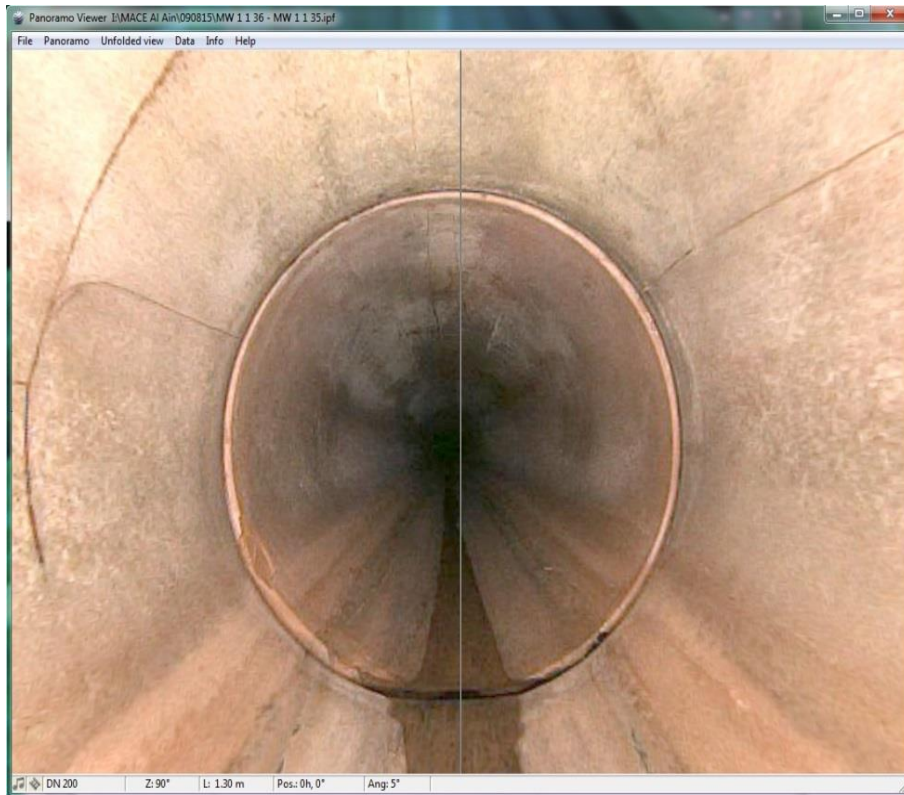


After

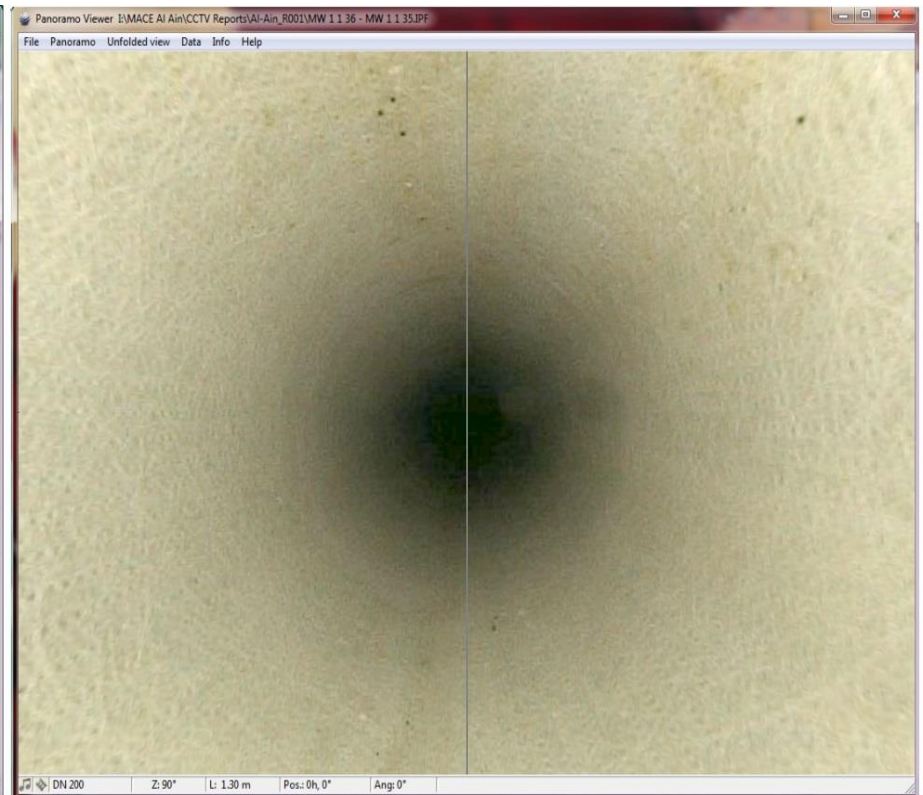
Samples of Finished Projects



Cured in Place Lining using UV technology in Al Masoudi Al Ain for ADSSC



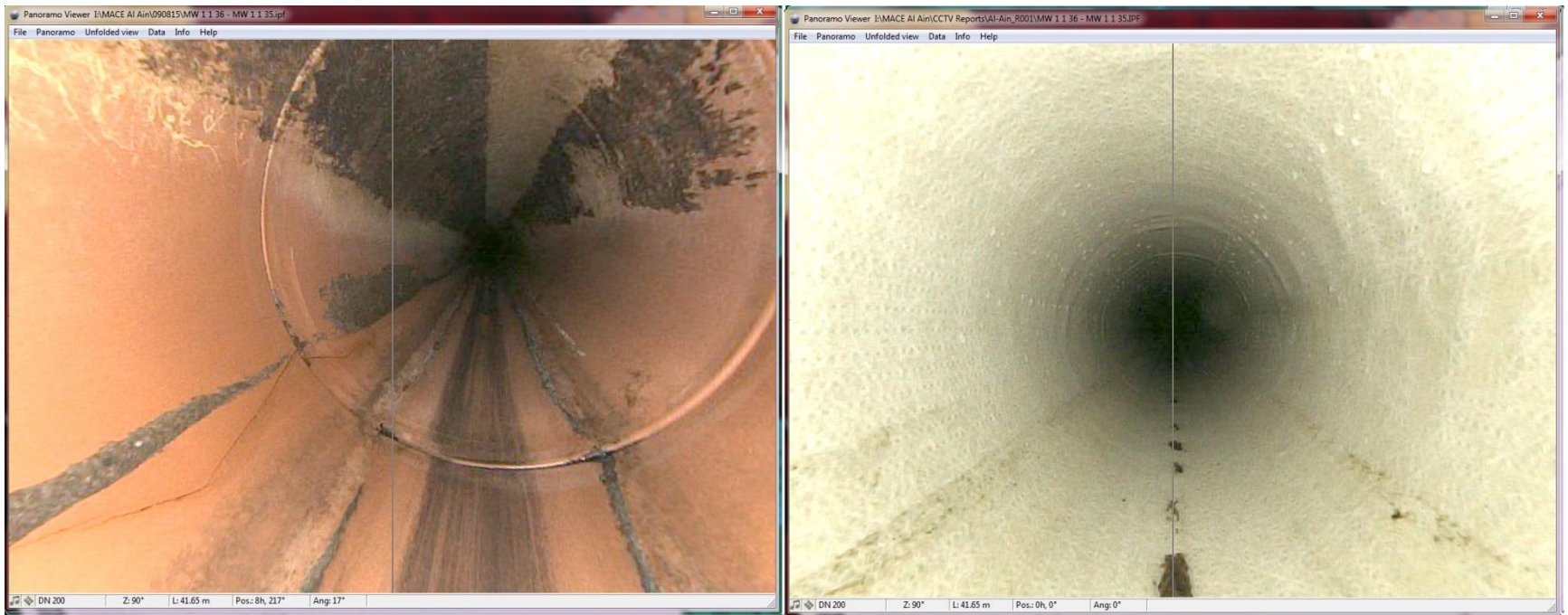
Before



After

Samples of finished projects

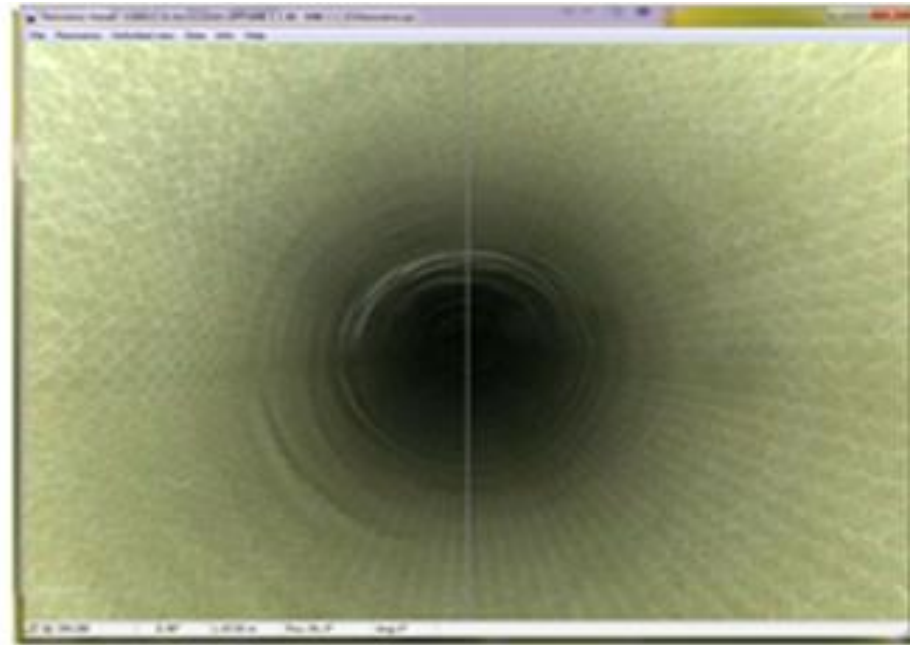
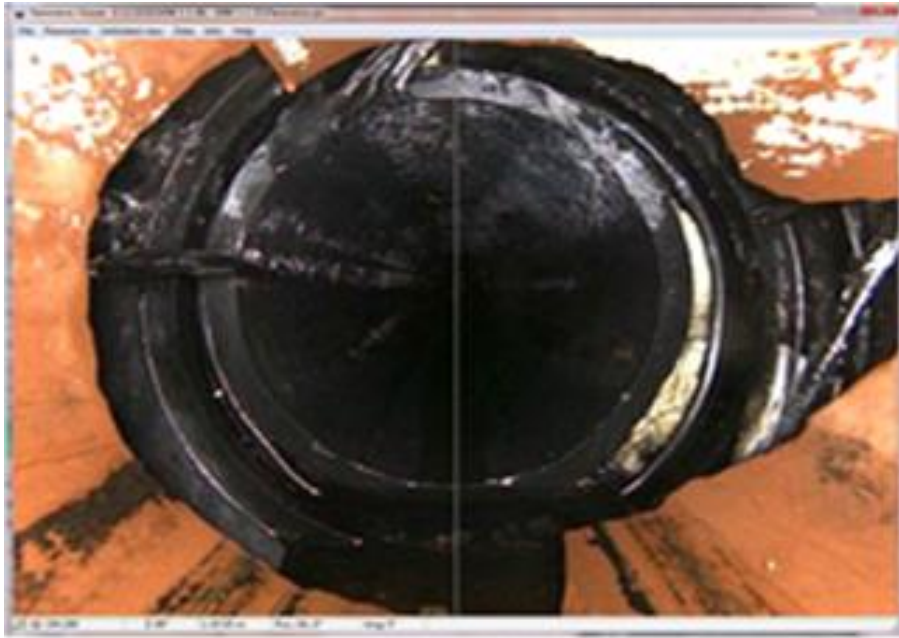
Cured in Place Lining using UV technology in Al Masoudi Al Ain for ADSSC



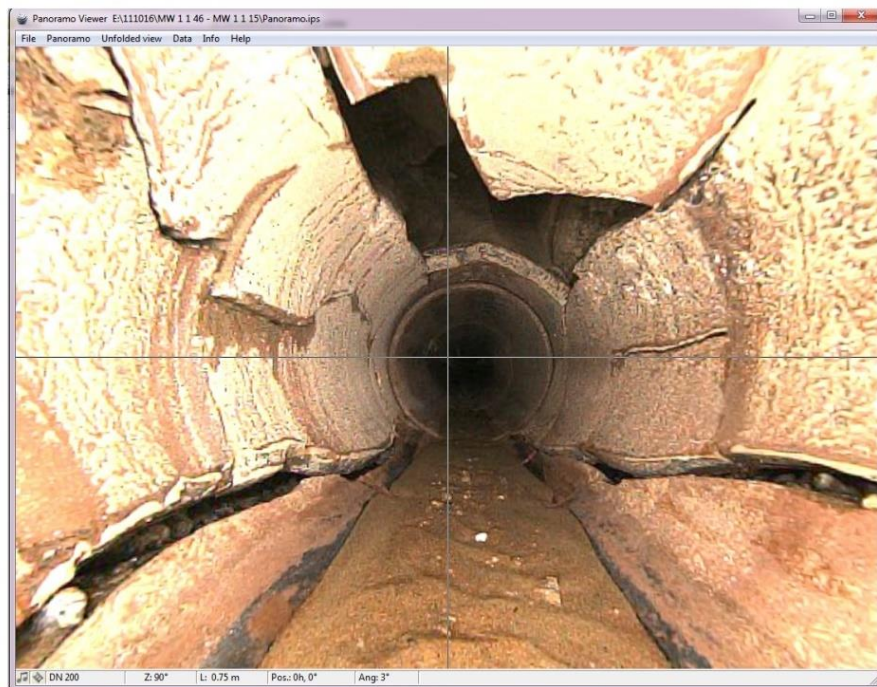
Before

After

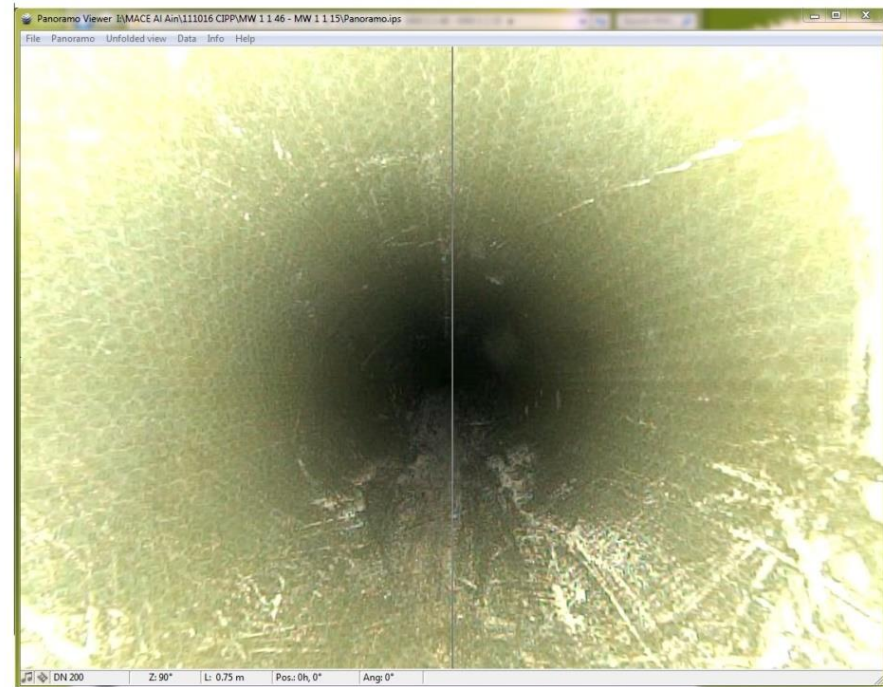
Samples of Finished Projects



Cured in Place Lining using UV technology in Al Masoudi Al Ain for ADSSC (saved more than 50% of cost) compared in open cut replacement



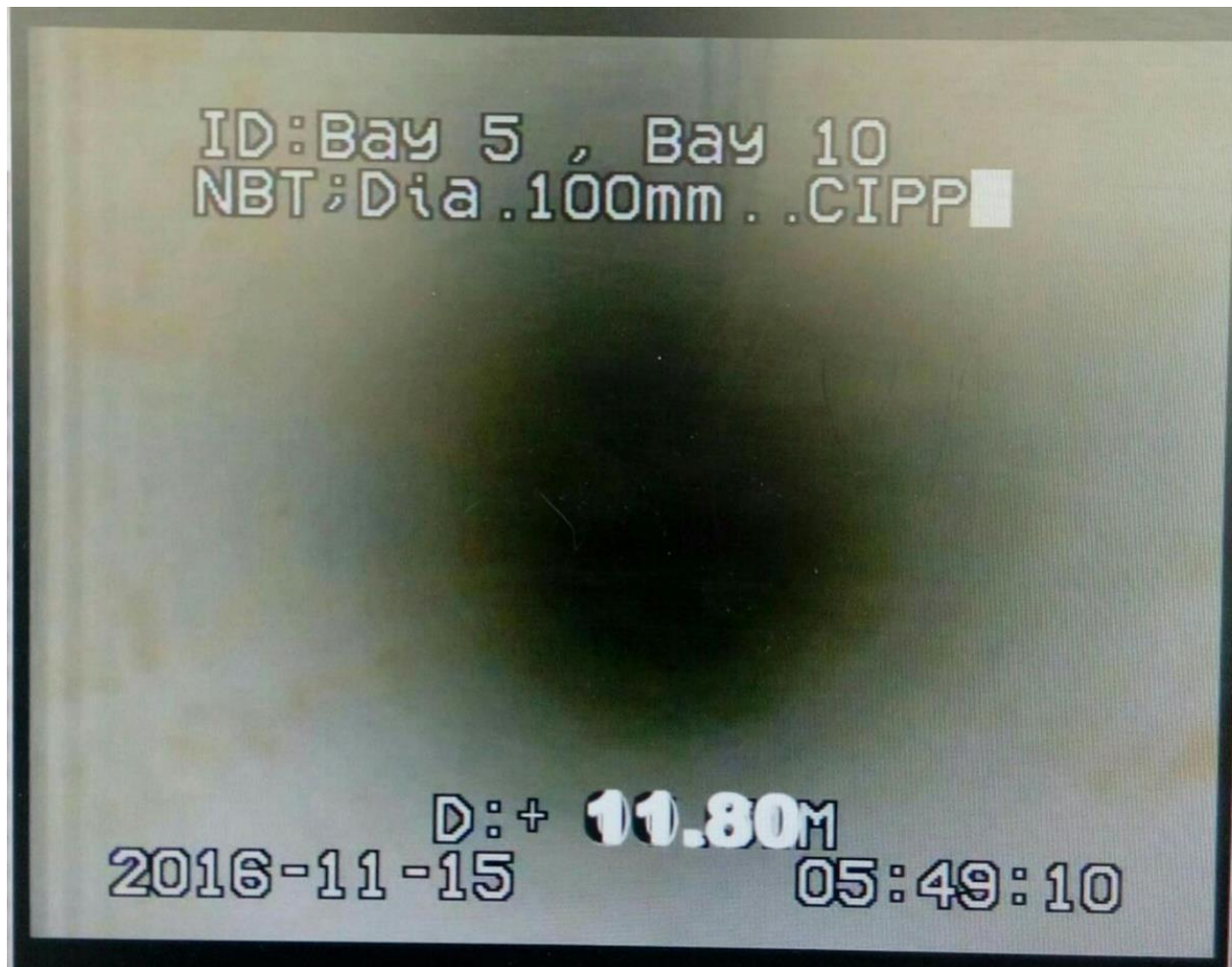
Before CIPP
MW 1/1/46 - MW 1/1/15



After CIPP
MW 1/1/46 - MW 1/1/15



Shandkha Tunnel Lining of Strom Water Pipes 100 & 150 mm more than 40 years obstacles hardened risen & concrete



Shandkha Tunnel Lining of Strom Water Pipes 100 & 150 mm more than 40 years obstacles hardened risen & concrete

Project



Renovation of a DN 300 asbestos cement pipe under Sheikh Zayed Road in Dubai

Situation:

An asbestos cement water main DN 300 is crossing the Sheikh Zayed Road in Dubai, UAE with a length of 70 metres. Due to settling and subsequent leakages, the Dubai Electricity & Water Authority (DEWA) decided to renovate the asbestos cement pipe. Since the pipe is only accessible through small start and exit pits with numerous other utility service lines crossing, a trenchless solution was the method of choice. The rehabilitation was performed with the Kevlar® reinforced DN 300 Primus Line® system since the system can work with small excavation pits and the liner can accommodate the operating pressure of 15 bar independently from the host pipe. In addition, the liner is installed with an annulus space and can accommodate further settling of the host pipe due to the liner's flexibility. After cleaning and CCTV inspection of the host pipe, the pre-folded liner and end fittings were installed. The rehabilitation work was completed in only 6 hours and the service life of this critical water main has been extended by at least 50 years.

Technical Details:

Transported Fluid:	Potable water
Diameter of Host Pipe:	DN 300
Material of Host Pipe:	Asbestos cement
Operating Pressure:	15 bar
Primus Line® System:	DN 300 PN 25
Total Length:	70 m in one section

Samples of Completed Projects



- ADPS Installed for the first time water pressure line in Gulf Region, technology provider & supplier Primus Germany in Jumairah Lake Towers in Dubai , Client DMCC, Consultant Parsons, Main contractor Arabtec.

ADPS Background & Achievements

- First Local Company to introduce CIPP to UAE using UV Technology in 2012
- First Local Company to introduce Pressure Lining CIPP to UAE using UV in 2015
- First Company to do Under Water Joint Repair
- First Local Company to Introduce CIPP UV lining to the Oil & Gas Sector.
- First Company to save more than 60% in Network rehabilitation using Trenchless Technology compared to Open Cut

Completed and Ongoing Projects in UAE

20/03/2017

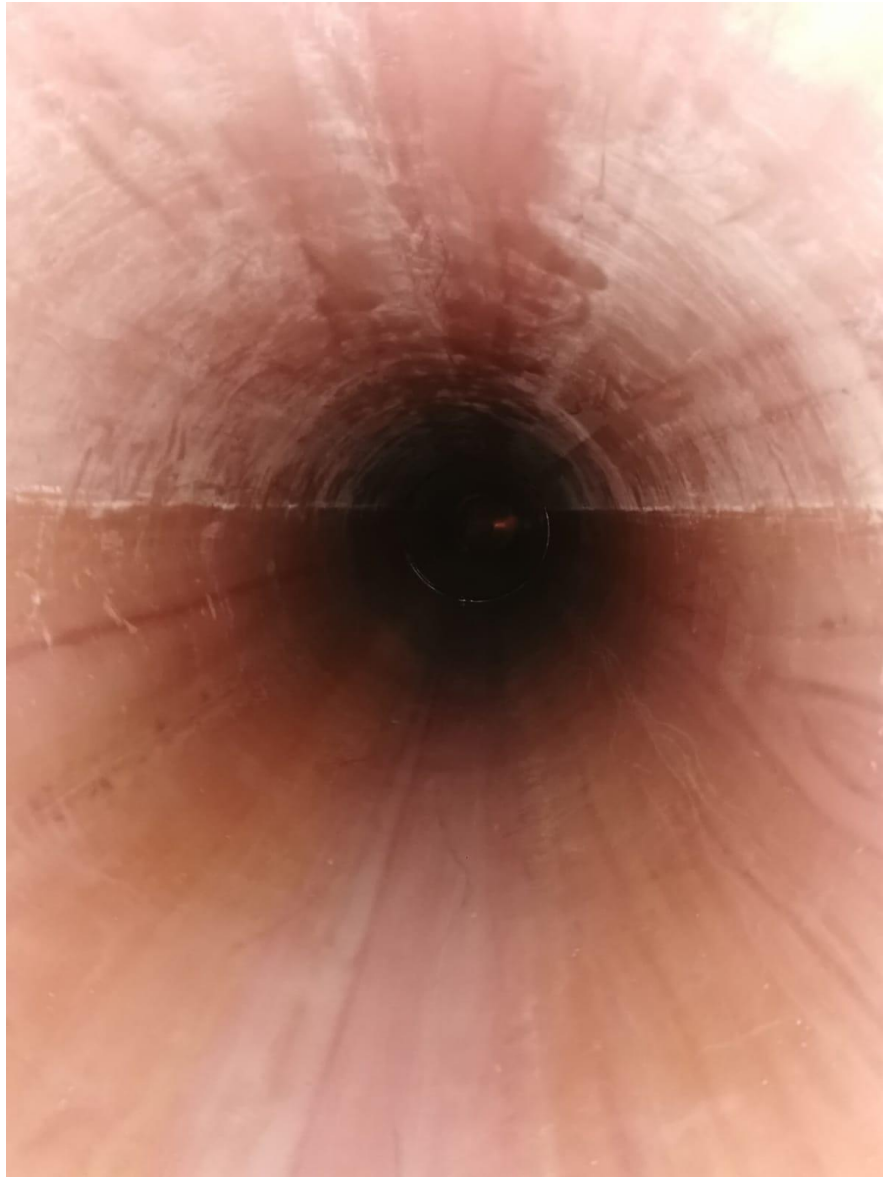
Sl. No.	YEAR	PROJECT TITLE	CUENT	Main Contractor	TENDER SCOPE	TOTAL PROJECT VALUE (AED)	Main Contractor/Client's CONTACT PERSON, E-Mail, TEL. and FAX No.	Status / Expected Completion
1	2011	Rehabilitation of Existing Sewer Pipeline Al Sarooj Area – Al Ain City	Government of Abu Dhabi	Tamas Projects	The scope of work mainly comprises of sewer cleaning and inspection survey, sewer inspection survey for rehabilitation, sewer over-pumping, rehabilitation of existing 250 mm dia pipeline with CIPP using UV curing technology , providing all the required human resources, equipments and materials necessary to carry out the subcontract works.	180,000.00	Mr. Aziz Halem Area Manager Tel. No.: +971 2 6919400 Fax No.: +971 2 6919500 E-mail: hq@tamaspro.com	Completed (June 2011)
2	2012	Construction works associated with rehabilitation & replacement of existing sewer lines in Abu Dhabi Part 3	ADSSC – Abu Dhabi Sewerage Service Company	MACE – Mechanical And Civil Engineering Contractors Company (LLC)	The scope of work mainly comprises of sewer cleaning and inspection survey, sewer inspection survey for rehabilitation, sewer over-pumping, rehabilitation of existing 150 mm dia to 300 mm dia pipeline with CIPP using UV curing technology and manhole rehabilitation all as per the specifications / requirements of ADSSC with providing all the required human resources, equipments and materials necessary to carry out the subcontract works.	5,338,426.00	Dr. Ibrahim Jameel Project Manager Tel. No.: 02 796 6388 Fax No.: 02 666 2616 E-mail: mace@emirates.net.ae	Dec-15
3	2012	Construction works associated with rehabilitation & replacement of existing sewer lines in Abu Dhabi & Main Land Part 2	ADSSC – Abu Dhabi Sewerage Service Company	Al Salmeen General Contracting Est.	The scope of work mainly comprises of sewer cleaning and inspection survey, sewer inspection survey for rehabilitation, sewer over-pumping, rehabilitation of existing 150 mm dia to 300 mm dia pipeline with CIPP using UV curing technology and local patch repair all as per the specifications / requirements of ADSSC with providing all the required human resources, equipments and materials necessary to carry out the subcontract works.	15,189,716.25	Mr. Shafeeq Talal Shafeeq Qasem Project Manager Tel. No.: 02 596 5777 Fax No.: 02 672 0069 Mob. No.: 055 557 7963 E-mail: shafeeq@alsalmeen.com	Dec-15
4	2012	Construction works associated with rehabilitation & replacement of existing sewer lines in Abu Dhabi & Main Land Part 2 – Manhole Rehabilitation	ADSSC – Abu Dhabi Sewerage Service Company	Al Salmeen General Contracting Est.	The scope of work mainly comprises of manhole rehabilitation . The subcontractor shall provide all the required human resources, equipments and materials necessary to carry out the subcontract works.	6,630,850.00	Mr. Shafeeq Talal Shafeeq Qasem Project Manager Mob. No.: 055 557 7963 E-mail: shafeeq@alsalmeen.com	Dec-15
5	2012	Khalifa Port and Industrial Zone Contract 1000-209 Offshore Civil and Buildings	Khalifa Port and Industrial Zone	Al Jaber Transport & General Contracting LLC / Ed. Zublin AG Abu Dhabi	The scope of work mainly comprises of sewer cleaning and inspection survey, sewer inspection survey for rehabilitation, sewer over-pumping, rehabilitation of existing pipeline using CIPP using UV curing technology .	515,190.00	Mr. Hany Hakim Projects Manager Tel. No.: 02 555 4300 E-mail: info@aje.ae	Completed (January 2013)
6	2014	CCTV Survey & Deflection Test for Storm Water Drainage Lines at Emirati Housing Phase I - Yas Island	Royal Group	Al Jaber Transport & General Contracting LLC (Roads Division)	The scope of work mainly comprises of sewer cleaning, deflection test and inspection survey.	151,992.00	Mr. Imran Ahmed Lathif Procurement Engineer Tel. No.: 02 555 4300 E-mail: info@aje.ae	Completed (July 2014)
7	2014	Anomalies Rectification in Al Dana Outfall for Al Raha Beach Development (Storm water / Under water repair of joints of pipes of 1.80 meter diameter)	Abu Dhabi Municipality	Al Raha Integrated Facilities Management	A) Supply & install sealing sleeve DN 2400mm (7 Nos.) at the specified anomalies. (Under water condition). B) Provide diving services with videography for removal of marine growth on gate, connect hydraulic hose and install stopper block (30 Nos.)	859,000.00	Mr. Andre le Roux Projects Manager Tel. No.: 02 810 7193 E-mail: a.leroux@alrahainternational.com	Completed (November 2014)
8	2014	Emergency Repair Works pertaining to Project DS 190 – House Connection and Miscellaneous Works	Dubai Municipality	Mabani Delma General Contracting Co. (LLC)	The scope of work mainly comprises of sewer cleaning and inspection survey, sewer inspection survey for rehabilitation and rehabilitation of existing pipeline (600 mm dia) using CIPP using UV curing technology .	263,000.00	Mr. Syed Zakir Hussain Estimation Manager Tel. No.: 02 677 5949 Fax No.: 02 672 0252 E-mail: zakir@mabanicompany.ae	Completed (November 2014)
9	2014	Rehabilitation of Storm Water Pipelines 300 mm & 500 mm dia. at Al Ras Al Akhdar & Baynoona Street (Patch Work & CIPP)	Abu Dhabi Municipality	Al Naboodah National Contracting Group LLC	Rehabilitation of storm water drain pipelines, 300mm dia and 500mm dia using CIPP using UV curing technology and patch repair method including, but not limited to; ste-up, cleaning, pre-survey, post-survey by CCTV and leak testing of pipelines; with providing all the required human resources, equipments and materials necessary to carry out the subcontract works.	727,700.00	Mr. Aly Yousef Mob. No.: 050 273 7428 Tel. No.: 02 586 8960 E-mail: aly.yousef@al naboodah.com	Completed (2014)
10	2015	Rehabilitation of Irrigation A.C. Pipeline (600 mm dia.) at Salam Street	Abu Dhabi Municipality	Royal Gardens Agricultural Contracting L.L.C.	Rehabilitation of Irrigation (600 mm dia) pipeline using CIPP using UV curing technology and supply and fixing of End-seal with providing all the required human resources, equipments and materials necessary to carry out the subcontract works.	400,100.00	Engr. Ahmed Al Sharafi General Manager Mob. No.: 050 667 9551 Tel. No.: 02 550 0822 E-mail: alsharafahmed@yahoo.com	Completed (December 2015)

Sl. No.	YEAR	PROJECT TITLE	CLIENT	Main Contractor	TENDER SCOPE	TOTAL PROJECT VALUE (AED)	Main Contractor/Client's CONTACT PERSON, E-Mail, TEL. and FAX No.	Status / Expected Completion
11	2015	CCTV and CIPP Repair works for Sewer lines	Khalifa Industrial Zone	Ghantoot Transport & General Contracting L.L.C.	The scope of work mainly comprises of sewer cleaning and inspection survey, sewer inspection survey for rehabilitation, sewer over-pumping, rehabilitation of existing 150 mm dia to 300mm dia pipeline with CIPP using UV curing technology , providing all the required human resources, equipments and materials necessary to carry out the subcontract works.	380,000.00	Mr. Nasser Aburshaid Senior Project Manager Tel. No.: 02 641 9004 Fax No.: 02 641 9003 Mob. No.: 050 446 3500 E-mail: engr.nasser@ghantootgroup.ae	Completed (2015)
12	2015	Rehabilitation Work to Repair of V01 Pipeline (STEP-LS 01) at Abu Dhabi Golf Club (Saada Street)	ADSSC - Abu Dhabi Sewerage Service Company	Ed. Zublin AG Abu Dhabi	The scope of work mainly comprises of sewer cleaning and inspection survey, sewer inspection survey for rehabilitation, sewer over-pumping, rehabilitation of existing pipeline with CIPP using UV curing technology , providing all the required human resources, equipments and materials necessary to carry out the subcontract works.	65,160.00	Mr. Mohamed El Azab RISC Manager Tel. No.: 02 634 4039 Mob. No.: 050 687 3909 E-mail: mohamed.elazab@zublin-international.com	Completed (September 2015)
13	2015	SAS-02-C-W00-C-00 - Ground Water Level Mitigation is Sas Al Nakhl	ADSSC - Abu Dhabi Sewerage Service Company	ADMAC	The scope of work is to carry out patch work to repair leaks in 700 mm dia sewage OD pipes in two different locations.	27,000.00	Mr. Meshal R. Abusido General Manager Mob. No.: 050 442 5013 E-mail: meshal@admac.ae	Completed (December 2015)
14	2015	CMW-11021-C005 - Infrastructure Works for Officers Villas Project at Abu Dhabi Gates - PA 097	ADSSC - Abu Dhabi Sewerage Service Company	Bin Hafeez General Contracting Est.	Rehabilitation of pipeline using CIPP using UV curing technology with providing all the required human resources, equipments and materials necessary to carry out the subcontract works.	39,000.00	Mr. Waseem Malook Project Manager Mob. No.: 050 336 1403 E-mail: waseem.malook@binhafeez.ae	Completed (September 2015)
15	2015	Construction of Trunk Sewerage & TSE Infrastructure - Part 2, Al Masoudi Area	ADSSC - Abu Dhabi Sewerage Service Company (Al Ain)	MACE - Mechanical And Civil Engineering Contractors Company (LLC)	The scope of work mainly comprises of sewer cleaning and inspection survey, sewer inspection survey for rehabilitation, sewer over-pumping and rehabilitation of existing 150 mm dia & 200 mm dia pipeline with CIPP using UV curing technology , all as per the specifications / requirements of ADSSC with providing all the required human resources, equipments and materials necessary to carry out the subcontract works.	6,140,921.40	Mr. Al Walid Abdalla Project Manager Mob. No.: 056 414 8729 Tel. No.: 03 780 1332 E-mail: alwalid.a@macecontractors.com	Completed (2016)
16	2016	Cleaning, CCTV Survey for Irrigation lines at Zabeel 1	Dubai Municipality	Dutco Belfour Beatty L.L.C	a) Cleaning of Irrigation lines (800 mm dia & 500 mm dia GRP) using high pressure jetting. (Approx. 700 m length). (b) Removal of debris and pump into client's trucks. (c) After cleaning all the lines, carry out CCTV Inspection Survey.	89,000.00	Engr. Abhilash Mob. No.: 971 55 877 2657 E-mail: abhilashps@dbb.ae	Completed (2016)
17	2016	Joint Sealing Works for Sewer and Irrigation Network	Dubai Municipality	Dutco Belfour Beatty L.L.C	a) To provide Joint seal for Pipe DN 1196mm Irrigation Pipeline including necessary investigation, mobilization & demobilization. (b) To provide Joint seal for Pipe DN 996mm Irrigation Pipeline including necessary investigation, mobilization & demobilization. (c) To provide Joint seal for Pipe DN 1000mm Irrigation Pipeline including necessary investigation, mobilization & demobilization. (d) To conduct investigation and measure exact diameter (by making special arrangement to enter pipe etc.	32,300.00	Mr. Said Al Shareef Project Manager Mob. No.: 055 900 1105 E-mail: said.shareef@dbb.ae	Completed (February 2016)
18	2016	TSE Leak @ Road 2 0-J.L.T, Dubai	Dubai Municipality	Arabtec Engineering Services LLC	The scope of work is to rehabilitate 35.0m GRP pipe (250mm dia.) at Jumeirah Lake Towers using iMPREG GL-13 Liner (Capable to handle working pressure 6.00 bar) by CIPP methodology/UV-Curing Technology.	198,500.00	Mr. Kevin Williams Sr. Project Manager Mob. No.: +971 55 3006998 E-mail: kevin.williams@aesuae.com	Completed (May 2016)
19	2016	Supply and Installation Internal Seals (3 Nos.) for Sewerage Gravity Line (uPVC 200 mm dia) at Dubai Waterfront	Dubai Municipality	Wade Adams	a) To carry out Cleaning, Inspection Survey using CCTV camera for 200 mm dia uPVC sewerage line including submission of report. (b) To provide and install internal mechanical sealing sleeve (200 mm dia) supplied from Germany, using various special equipment like CCTV camera system, Packer with compressor etc. complete. (Provisional quantity)	51,100.00	Mr. Sunil Prasad Dy. Project Manager Mob. No.: +971 50-2586097 E-mail: sunilprasad@wadeadams.com	Completed (2016)
20	2016	M 1008/3 - Maintenance of Al Shindagha Tunnel	Road and Transport Authority (RTA)	Al Shirawi Facilities Management LLC	The scope of work is lining of existing network (100mm and 150 mm dia) of approximate 970m length), the entire tunnel drainage pipes for Al Shindagha Tunnel and confirm the rectification works with CCTV survey after the lining works.	1,137,560.40	Mr. Renjith Varghese Electrical Engineer- Facilities Mob. No.: 055 295 6745 E-mail: renjith.varghese@alshirawi.ae	Job started
21	2017	Cleaning, CCTV, Patch Repair, Internal Mechanical Seal & Rehabilitation Works for uPVC Sewer Network	Mahwi Military Camp / Mahwi Military School	Mahwi Military Camp / Mahwi Military School	The scope of work is Cleaning, CCTV, Patch Repair, Internal Mechanical Seal & Rehabilitation Works for uPVC Sewer Network at Mahwi Military Camp & Mahwi Military School	250,000.00	Dr. Nasr Elketchen Mahawi Military Camp Mob. No.: 050 8883456 Email: n_katchan@hotmail.com	Job started

Subsea Pipeline Rehabilitation System For The Oil & Gas Sector











To: M/s. ADVANCED PIPELINE SERVICES LIMITED

Fax No. : 02- 558 9961

Attn: Manager

From: COMPANIES REGISTRATION SECTION

Fax No. : 02 - 694 3294

Abu Dhabi Water & Electricity (ADWEA)

PO Box 6120 - Tel. (009712) 6943261 Abu Dhabi U.A.E.

Date: 13 DEC 2010

REF: ADWEA/BSR/REG/KM/2742/10

Co. ID: 9918939

Subject: Prequalification Status

Please be informed that based on the evaluation, your company have been qualified and included in our records as a possible source for supply of the following services:

WG No.	WG Description
2301000	REHABILITATION SEWERAGE NETWORKS

Please note that at the time of release of enquiries /tenders, a further short listing takes place based on exhibited interest at that time and the specifics of material/ services in question as the need may be.

You are advised to quote your registration No. (9918939) in all future correspondence.

Regards,

Nadya Al Amimi
Companies Registration Dept. Manager





شركة أبوظبي لخدمات الصرف الصحي
Abu Dhabi Sewerage Services Company

Ref: ADSSC/Proj/ 027793

Date: 31 OCT 2011

Fax: +971-2-6947089

TO: Dorsch Holding GmbH
P.O. Box 26417
Abu Dhabi

Dorsch Consult ABU DHABI	
1390 02 NOV 2011	
FNA	IS
INF	IS
IS	IS

Dear Sirs,

Project: Contract # O – 2536
Construction Works Associated with Rehabilitation and Replacement of
Existing Sewer Lines in Abu Dhabi Island – Part 3

Subject: Subcontractor Prequalification – Sewer Rehabilitation Works
Sewer Cleaning, CCTV Survey, Patch Repair and Sewer Rehabilitation
M/s Advanced Pipeline Services Ltd., Abu Dhabi, UAE

Further to your letter O-2536/15603/11 dated 23rd of October 2011, recommending approval of
M/s Advanced Pipeline Services Ltd, as the specialist subcontractor to carry on the NDM
works under the above Contract.

Please note that your recommendation for the use of M/s Advanced is accepted subject to
performance.

Particular method statement associated with Risk Assessment and Safety Hazard Analysis has
to be submitted independently

Yours faithfully,

Eng. Safem Al Suwaidi
Projects Division Manager

Telephone: +971 2 694 7311, Fax: +971 2 694 7089 | PO Box 106801, Abu Dhabi, United Arab Emirates | www.adssc.ae info@adssc.ae



Dorsch Gruppe

Dorsch Holding GmbH
DC Abu Dhabi
Salem Street
P.O. Box 25417
Abu Dhabi
United Arab Emirates

Phone : +971 2 672 19 23
Fax : +971 2 672 08 09
E-Mail : info@dorsch.ae
Internet : www.dorsch.de

Head office: Offenbach, Germany
Trade reg. Offenbach a.M. No. HRB 42115
VAT No. DE247139650
Managing Directors:
Dipl.-Ing. Jürgen Röder
Dipl.-Ing. Olaf Hoffmann
Andreas Moneker

Al Salmee General Contracting Est.
PO Box 46428
Abu Dhabi, UAE
Fax: 02-6422537

Ref: G-2535/15376/11
Date: 17 October 2011



Attn: Mr. Majid Mehmood
Project Manager

Project: ADSSC Contract No. O - 2535
Construction Works Associated with Rehabilitation and Replacement of
Existing Sewer lines in Abu Dhabi Island and Mainland - Part 2

Sub: Pre qualification of subcontractor for Sewer Rehabilitation Works
Sewer Cleaning, CCTV Inspection Survey, Patch Repair & Sewer Relining
M/s. Advance Pipeline Services Ltd., Abu Dhabi, UAE

Dear sir,

Reference to the above mentioned subject, please find attached ADSSC approval vide their letter
ref. ADSSC/Proj/027255 dated 12th October 2011 to perform Sewer Cleaning, CCTV Inspection
Survey, Patch Repair and Sewer Relining by CIPP.

Please note that this approval will not relieve you from the responsibility for conformity to
relevant specification, standards and application requirements and shall not have any additional
cost implication on the referenced contract

Yours faithfully,
DORSCH Holding GmbH Abu Dhabi

George Jacob
Resident Engineer (Materials&QA/QC)

Projects Division Idmest-ADSSC
IDM, GIB, H&C, C&T, MOB, DC P&E

Idris Al Haj
Senior Projects Manager

RECEIVED
Date 18/10/2011
Rec. Sign.

DC/PRSA/Int Status Ref ADSSC Material Logs & Correspondence AD - 2535/15376/11 - CCTV
Approval - Advance Pipeline.doc





Our Ref: GTSD/3.7-2018
Date: 18.04.2018

Mr. Anand Nevagi,
Senior Project Manager,
Advanced Pipeline Services Ltd LLC,
Abu Dhabi.

Dear Mr. Anand,

Expression of Gratitude for your Relentless Effort to completing the Project
"CON-PAC-053-2014 Refurbishment of Underground Drainage System in Train 3
Process & Utility Area"

We are grateful to acknowledge your sincere and continuous efforts for managing and executing the subject project Contract "CON-PAC-053-2014 Refurbishment of Underground Drainage System in Train 3 Process & Utility Area". Your sincere contribution and positive attitude towards ADNOC LNG has helped us to complete the project successfully with 100% HSE and quality excellence.

We are therefore glad and grateful to acknowledge your valuable contribution to our business.

Once again we thank you for your effort and would request you to accept our token of appreciation, in recognition of your persistent and honest effort towards the project.

On behalf of General Technical Services Department.


Dawood Al Rals
General Technical Services Manager

Abu Dhabi Sewerage Services Company
ADWEA Enterprise Asset Management System
APPROVED CONTRACTORS LIST

Work Group: 2301000 - REHABILITATION OF SEWERAGE NETWORKS

Company ID	Company Name	Phone	Fax	Status	Assessment Grade	Rating	Evaluation Committee
001517	KMG Pipe Rehabilitation-Emirates L.L.C	+97126766004	+97126766335	QUALIFIED	3: AVERAGE	C: Average	SEC
9910920	Kurtec Pipeline Services LLC	0097125548390	0097125548183	QUALIFIED	4: BELOW AVERAGE	D: Below Average	SEC
9918939	ADVANCED PIPELINE SERVICES LIMITED - ABU DHABI	0097125102400	0097125589961	QUALIFIED	2: GOOD	A: Very Good	SEC

certificate of registration



This is to certify that the management systems of

Advanced Pipeline Services Ltd

have been formally assessed by International Certifications
and found to comply with the requirements of

ISO 9001:2008

Quality Management Systems - Requirements

09 Sep 2013

Issue Date

03 Sep 2016

Expiry Date

D. L. Evans
Managing Director
International Certifications Ltd

Scope of Registration:

Pipeline rehabilitation services

Registered Site(s):

3A Olive Road, Penrose, Auckland, 1061, New Zealand



This certificate of registration is issued by International Certifications Limited, 138 Heretape Road, East Tamaki, Auckland, New Zealand, 2013 (www.intlcert.com). Accredited by International Accreditation Bureau, Australia New Zealand (www.iabnz.org.nz) and Joint Accreditation System of Australia and New Zealand (www.jasanz.org.nz). This certificate remains the property of International Certifications Limited and must be returned upon request. It must not be altered or defaced in any way and any misuse of the certificate will result in cancellation without notification.

شكرا لحسن الإستماع



الأسئلة و الأجوبة