



# Rhino Linings<sup>®</sup>

## CASE STUDY



**Category:** Sewerage System Manholes

**Project:** Northern Territory Power & Water

**Applicator:** Rhino Linings Northern Territory

**Rhino Products:** RhinoChem 2170



Sewerage and other waste wastewater are transported to waste water treatments plants through a network of underground pipes. To access the pipes for maintenance and inspection, manholes are strategically located throughout the pipeline system.

In addition to access, manholes are also used to vent hydrogen sulphide (H<sub>2</sub>S) gases, unfortunately these gases detrimentally affect the interior of the concrete manhole and causes corrosion and pitting of the surface.

RhinoChem 2170, a high film build dense cross linked Polyurethane (PU) and has been successfully used in the Northern Territory Power and Water manholes to provide an effective layer of protection for new and rehabilitated manholes.



After correct preparation, priming and coating (both before and after pipe installation) RhinoChem 2170 PU is spray applied within the existing manhole using specialised Rhino low pressure plural spray equipment. It is fast drying, seals all cracks and pitting within the manhole preventing further corrosion of the concrete and providing a long lasting, easy to clean protective surface.

Rhino Linings has a range of Pure Polyurea and Polyurethane spray applied products that are suitable for wet wells, lift stations, dewatering buildings and odour control buildings. Contact Rhino now for further information.



[www.rhino linings industrial.com.au](http://www.rhino linings industrial.com.au)

1300 887 780

[info@rhino linings.com.au](mailto:info@rhino linings.com.au)

Rhino Linings Australasia Pty Ltd

501-505 Olsen Ave

Molendinar Qld 4214

+61 7 5585 7000

[www.rhino linings.com.au](http://www.rhino linings.com.au)