

CASE STUDY

Water & Waste Containment | Attenuation Dams | R21 Industrial Development, Clayville

Aug 2012

Client M & T Development

Contractor M & T Civils

Product **EnviroFix® X800** | 5 000m²

Consultant Vela VKE

Rep Byron de Cramer

Problem

The municipal stormwater system in Clayville was already operating at full capacity and an existing stormwater drainage system required doubling in size to cope with new development.

Engineers recognised that before completion of the new development, a second retention dam of similar capacity should be built. This new dam would act as the main dam from which any overflow would travel into the initial dam.



Laying EnviroFix® X800 on the base of the dam

Solution

The engineers opted to use a GCL as the dam liner as it is quick to install and has been proven in industrial applications. **EnviroFix® X800** was laid as the lining.

Benefits

Contractors completed the 3-month project with a cost-effective, easy to install product in **EnviroFix® X800**. The new retention dam will act as the main dam.



EnviroFix® X800 is secured in place in an anchor trench