



BP Service Station, Jindalee, Perth, WA

BP is a British multinational oil and gas company. An Australian employer of around 5,200 staff, its history of operations dates to 1919 at its first fuel terminal in Fremantle, WA. The company recently undertook construction of another new service station in the Perth suburb of Jindalee. In addition to its 24/7 retail operations, it will sell petroleum products and operate a manual and automatic car wash facility.

Project Design Brief

The design had to incorporate an underground stormwater tank to deal with runoff from the site without connecting to any downstream drainage infrastructure. An infiltration tank was required that would release stormwater gradually into the surrounds. Engineers needed a strong, quick to assemble tank which could be maintained easily.

ACO's Solution

- [StormBrixx® SD](#) – 55m³ geocellular stormwater tank.
- ACO's [Technical Services](#) provided the designer with installation drawings and a bill of quantity.

Benefits

- The lightweight stackable design simplifies delivery and site logistics and is also quick and easy to assemble on site.
- The tank's brickbonding and cross bonding feature provides unparalleled stability.
- Access units together with the unique pillar configuration enables entry into the tank for maintenance and inspection.
- A permeable geotextile is wrapped around the tank offering infiltration properties.

