



PROJECT PROFILE

BULWER ISLAND BITUMEN PLANT

Bulwer Island - Brisbane City
Industrial - Petrochemical

FAST FACTS

CLIENT	BP Bitumen
SCALE	Bitumen Plant supplies approximately 200,000 tonnes of bitumen p.a.
DISCIPLINES	 
HIGHLIGHTS	<ul style="list-style-type: none"> • Design & Construction Supervision of stormwater quality management system to manage rainwater contamination • Full detailed survey of Plant • Monitoring of differential movement of product tanks on a regular basis



After providing survey monitoring services to track the differential movement of product tanks at the plant for sometime, JFP was also asked to assist BP with managing stormwater quality. Working with the precise level information captured by JFP's Surveyors, JFP's Engineers creatively revitalised and extended the existing stormwater system so that bitumen and oils from the plant, which ran off during wet weather, could be captured and treated before being discharged from the site.



The extension of stormwater system had to creatively contend with the myriad of existing structures, pipelines and storage tanks across the site without disturbing the operation of the plant at any stage. A high level of precision in recording survey levels for existing services and structures was required to successfully allow the detailed engineering design to be completed for the project.

The project provided JFP with critical experience in surveying, designing and managing the construction of works on a busy and complex industrial site in a manner which limited any disruptions to operations.