

Case Study

Produced Water Treatment

Client	<ul style="list-style-type: none">• Chevron Australia Pty Ltd
Project	<ul style="list-style-type: none">• Barrow Island CPF
Country	<ul style="list-style-type: none">• Australia
Application	<ul style="list-style-type: none">• Produced Water Treatment and Injection
Scope	<ul style="list-style-type: none">• Produced Water Desander; 150#• Produced Water Deoiler; 150#• Produced Water Injection; 1000 psig
Capacity	<ul style="list-style-type: none">• 85,000 BWPD
Performance	<ul style="list-style-type: none">• Solids $D_{98} > 10$ micron• Oil in Water < 30 ppm
Delivery	<ul style="list-style-type: none">• 2007

Brown field production in an environmentally sensitive area required an innovative solution with zero effluent discharge, resulting in both solids and produced water streams being re-injected downhole into the existing reservoir.

