



# Luggage Point Wastewater Treatment Plant

Project start date: December 2016

Project completion date: July 2018

<b>Client</b>	Queensland Urban Utilities
<b>Comdain's role</b>	Principal Contractor
<b>Project description</b>	Comdain have been engaged to design and construct an upgrade to the plants sludge transfer and dewatering systems, including a HV power upgrade and solving a troublesome struvite problem in the process.
<b>Works undertaken</b>	<p>Works included:</p> <ul style="list-style-type: none"><li>• Modification / refurbishment of the sludge storage digesters to improve capacity and operability</li><li>• Installation of magnesium hydroxide dosing into the storage digesters to enhance struvite crystallisation</li><li>• Replacement / upgrade of dewatering equipment (and ancillary facilities including polymer dosing) to increase capacity and improve reliability and performance</li><li>• Replacement / upgrade of associated electrical and control equipment</li></ul>
<b>Highlights &amp; Innovations</b>	<ul style="list-style-type: none"><li>• Our facilities delivery team worked with QUU to fast track a trial of the proposed equipment on site, testing against the actual sludge and chemicals that would be used in the final installation. This assisted the team to make the right equipment selection based on actual field data received which is invaluable to the D&amp;C process.</li></ul>

For more information contact:

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