

# Syncrude FTT EPC



Client	Location	Project	Value
Syncrude	Syncrude FTT Facility	FFT Surge Pond	\$4.8M
<b>Start Date:</b> October 2017		<b>Finish Date:</b> August 2018	
<p><b>Project Description:</b></p> <p>Currently operation of the FFT centrifuge plant results in the dredges being oversized, resulting in excess FFT feed being discharged back into the pond. This recirculation of FFT has been minimized by closing the recirc line, however this poses a potential equipment threat of running the dredge close to the minimum flow for the 440 Dredge. Pump curve below shows the operating region for the Diesel Dredge which is being run in the inefficient zone. The Mullen’s dredge’s minimum flow is even greater so switching to the Mullen’s exacerbate the issue.</p> <p>Proposed solution is to build a FFT surge pond for stable FFT supply to the plant, FFT would be pumped from MLSB through the current screen operation and the centrifuge feed pumps would fill the surge pond with FFT. Additional pumps would be installed at the surge pond to pump the FFT feedback to trains 1 and 2. A recirculation line would be installed at the surge pond to control the extra flow similar to the current MLSB recirculation line. It can also provide continuous flow during winter operation.</p> <p>OCL to provide FEED, Engineering and Survey support for FFT and 690 Pumphouse SOW.</p>			