

BEHIND THE SCENES at the Sturgeon Refinery



*See May 2019 status update for background details on Gasifier challenges and planned repair work

Operations

Over 2.9 billion litres (18 million barrels) of ultra low sulphur diesel have been produced from synthetic crude oil feedstock; achieved 1 million hours recordable injury free, which is among the best safety record in the industry

Gasifier Progress

Repair work on stress cracks in stainless steel piping was successfully and safely completed; redesigned burners are being installed, intended to extend the life of this component that's part of converting heavy bottoms of bitumen into usable gases; full test run of the Gasifier begins this month

Major Activities

Maintenance shutdown begins this month involving an additional ~700 local contractors at peak to complete routine inspections and repairs on several units that have been processing crude since 2017; this timing coincides with testing and maintenance of the Gasifier so all units will be ready for full start up at the end of this year

Timeline Update

Timeline has remained the same since Behind the Scenes update issued in July – bitumen processing is expected by the end of 2019, with a ramp up to full operations at capacity in 2020; this assumes any additional unexpected challenges are overcome without causing further delays