



Shell Scotford

Annual Update



/ShellScotford



@ShellScotford

Conal MacMillan

External Relations, Shell Scotford
April 25, 2019





Shell Scotford Overview

- Refinery
 - Diesel, Gasoline, Jet Fuel
- Chemicals Plants
 - Building blocks for water bottles, foam food trays, truck bed liners, diapers, etc.
- Upgrader
 - Converts bitumen into crude oils
- Quest Carbon Capture & Storage (CCS)
 - 1 million tonnes CO₂ capture/yr
- Largest industrial complex and taxpayer in Strathcona County

Energy Efficiency

- Scotford uses ~65% of the energy of a standard comparable refinery
- The **most energy efficient** facility of its type **in the world**
- Last year, we further reduced our CO₂ emissions by 30k tonnes
- Our energy efficiency by design along with carbon capture is a model for industrial complexes
- We are looking at opportunities to improve upon this leading position



Quest Carbon Capture & Storage (CCS)

- Over one million tonnes CO₂ per year capacity
- Permanent underground storage
- Stored over 4 million tonnes of CO₂
- Quest has the **global CCS records** for:
 - Capture in a one-year period (1.2 Mt)
 - Most CO₂ stored by an on-shore CCS project



Turnaround Activity

- What is a maintenance turnaround?
- Spring and fall turnarounds scheduled for 2019
- Turnarounds are a sustainable source of trades employment annually (in excess of a thousand turnaround workers employed at Scotford).
- Operating facilities are a major employer of the trades in Alberta.



Fire Update

- Internal review under way
- No injuries
- Fire extinguished quickly
- Regular updates to community
 - NR CAER Updateline
 - Facebook (ShellScotford)
 - Twitter (@ShellScotford)
 - Shell Notification System



Fuelling Kindness

- Program started by employees at Scotford adopted by Shell Canada across the country and has spread to Shell locations in the US
- Employees go out into the community to make someone's day better

30 Fuelling Kindness Events

23 EIPS & EICS schools that had positive messaging on first day of school

40 Organizations received in-kind donations

\$445K Contributed to United Way from Shell Scotford and its employees

\$110K

Contributed to local organizations via employee volunteers and Shell's community service fund

\$250K

Directly invested in our community

Fuelling Kindness

- Join us on Sept. 3 , 2019, to welcome kids back to school with positive chalk messages.
- Have a great idea for how we can make a positive impact on people in the community? Let us know! How can we fuel more kindness in 2019?



