



**March 3, 2021**

**To: Elon Musk**



**From: Mayor Roy Ludwig**

1102 4 St.

Estevan, SK S4A 0W7

**Re: Best Carbon Capture Technology**

To Mr. Elon Musk,

In your search to find the best carbon capture technology, the City of Estevan would like to invite you to our city, located 10 miles north of the Canada-U.S. border, to tour our Carbon Capture and Storage facility at the Boundary Dam Power Station.

The Carbon Capture Facility is attached to the retrofitted 120 MW Power Unit #3 at Boundary Dam. It captures the carbon dioxide (CO<sub>2</sub>) instead of it being released into the atmosphere. This reduces carbon emissions from the coal-fired power unit, while producing a reliable, clean source of energy. The Carbon Capture Facility is capable of reducing greenhouse gas emissions by up to one million tonnes of carbon dioxide each year — the equivalent to taking 250,000 cars off the road.

SaskPower's Boundary Dam 3 Carbon Capture and Storage Facility is located in the City of Estevan, Saskatchewan, Canada. Boundary Dam 3 (BD3) is the world's first fully integrated and full-chain carbon capture and storage (CCS) facility on a coal-fired power plant. The full chain cluster of facilities is within close proximity to the BD3 facility, providing for a full demonstration and operation of proven and safe CCS. This comprehensive commercial operating experience provides insight into technology and other requirements which are not available anywhere else.

We have learned over the past 6+ years, that the carbon capture and sequestration model implemented at Boundary Dam's Unit 3 has performed above the original expectations that had been placed upon it as a pilot project. It has set the table for expansion to other facilities, with the Shand Power Station being the foremost target. The Shand Power Station is also located in Estevan and is home to the Carbon Capture Test Facility, which provides clients from around the world the opportunity to test their CCS systems in a commercial setting. The knowledge and know-how gained from CCTF since June 2015 has helped our Boundary Dam CCS Facility, as well as other CCS projects around the world.

This industry-leading technology must be viewed and understood in person to fully appreciate the potential it has to be a game-changer on a global scale. That being said, our community would love to welcome you back to the 306, hook you up with a new bunny hug, a 'Riders hat, and show you why Saskatchewan is the place to invest in now and into the future!

Estevan's vibrant, growing and diverse economy is characterized by power generation, coal mining, agriculture, manufacturing and oil and gas drilling. Estevan has become known as the Energy Capital of Saskatchewan – a distinction based on an extraordinary resource base and the strong resource sector that is serviced primarily out of Estevan.

Sincerely yours,

A handwritten signature in blue ink, appearing to read "Roy Ludwig", is written over a white rectangular area.

Mayor Roy Ludwig