

Public Presentation Report Committee of the Whole – January 21, 2025

2025 Shell Scotford Update

Topic Identification:

Shell is a global energy and petrochemicals company operating in over 70 countries with approximately 92,000 employees worldwide. In Canada, Shell has over a century of experience, spanning traditional oil and gas exploration to innovative energy solutions. The Shell Scotford Complex, located 16 kilometers northeast of Fort Saskatchewan, includes a bitumen upgrader, oil refinery, chemical plants, and a carbon capture and storage (CCS) facility, highlighting the company's commitment to sustainability and cleaner energy.

Established in 1984, Scotford initially housed a refinery and styrene plant, later adding a monoethylene glycol plant in 2000. The Scotford Upgrader opened in 2003, expanded in 2011, and the Quest CCS facility began capturing CO2 from its three hydrogen manufacturing units in 2015.

On June 26, 2024, Shell announced the <u>Polaris carbon capture project</u> at Scotford, designed to capture 650,000 tonnes of CO_2 annually. Connected via a 22-kilometer pipeline, the related Atlas Carbon Storage Hub, developed in partnership with ATCO EnPower, will provide permanent underground CO_2 storage for Polaris.

Shell representatives will provide Council with an update on current projects, initiatives, and operations.

Presenting:

- Paula Adams, Deputy General Manager
- Garret Matteotti, Corporate Relations Advisor

Attachments:

1. Appendix A - Shell Energy and Chemicals Park Update Presentation

Prepared by:	Erin Brush Duncan Director, Economic Developr	Date: December 23, 2024 ment
Approved by:	Janel Smith-Duguid Deputy City Manager, Infrast	Date: January 8, 2025 tructure & Planning Services
Approved by:	Troy Fleming City Manager	Date: January 9, 2025