

Peace River Directive 084 Update Presentation

Carolyn Pfau, Emission Advisor, Compliance
and Liability Management
September 27, 2022

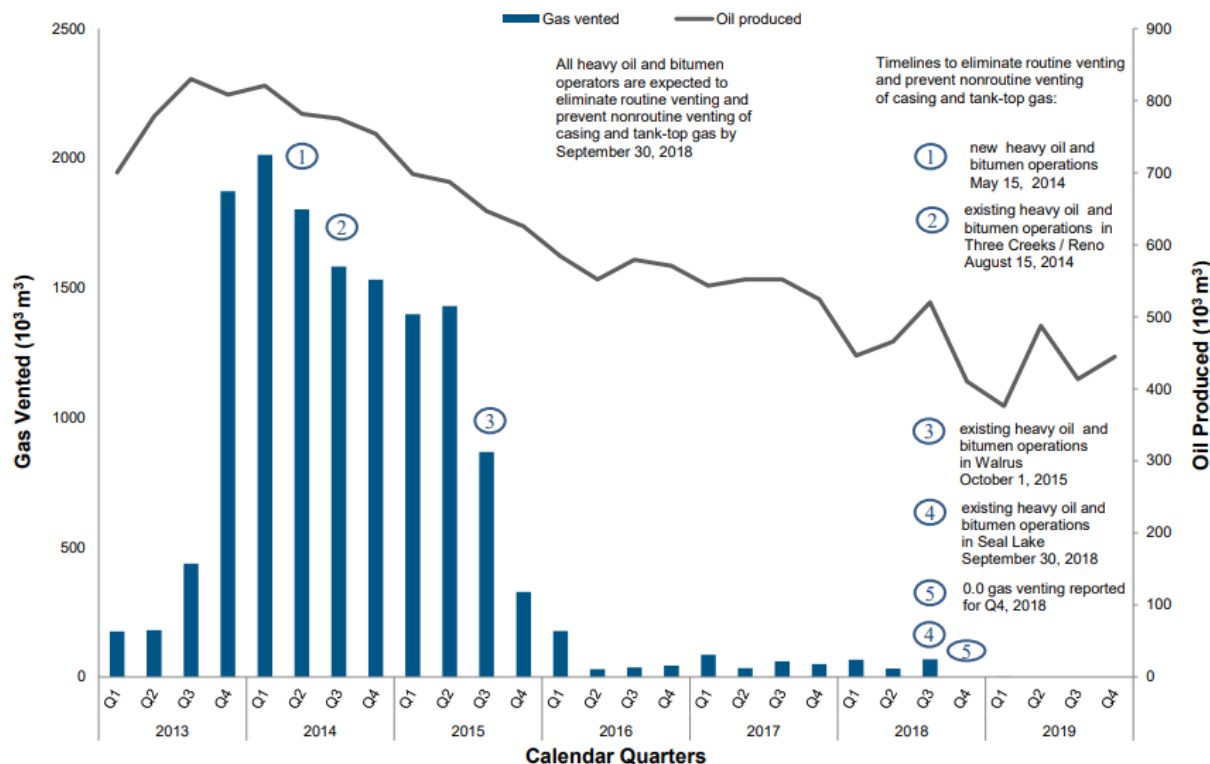
Historical Information

- 》 Some odour complaints in 2009 and increasing in the amount from 2010 onwards.
- 》 Inquiry by Panel of Hearing Commissioners in 2013-2014
- 》 Report of Recommendations on Odours and Emissions in the Peace River Area March 2014
- 》 Directive 084 released in 2017 for implementation Jan 1, 2018

Directive 084 Outcomes

➤ Reduce and prevent gas venting from all sources associated with Heavy Oil and bitumen operations

Figure 1 – Vented Gas and Oil Production Reported to Petrinex from Oil and Bitumen Batteries in the Peace River Area



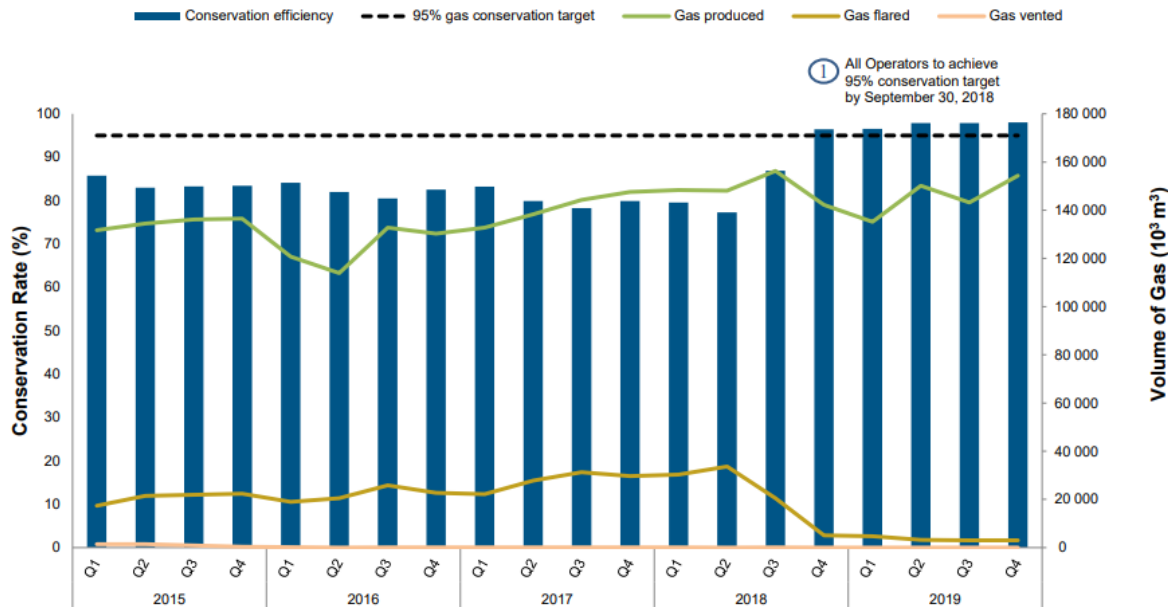
Vented gas is reported by operators to Petrinex. Data provided includes all oil and bitumen batteries. Venting requirements identified above apply to heavy oil and bitumen operations. Units of 10³ m³ are 1000 cubic metres.

Data extracted from Petrinex in March 2020. Chart published in April 2020. See disclaimer provided on outcome page.

Directive 084 Outcomes

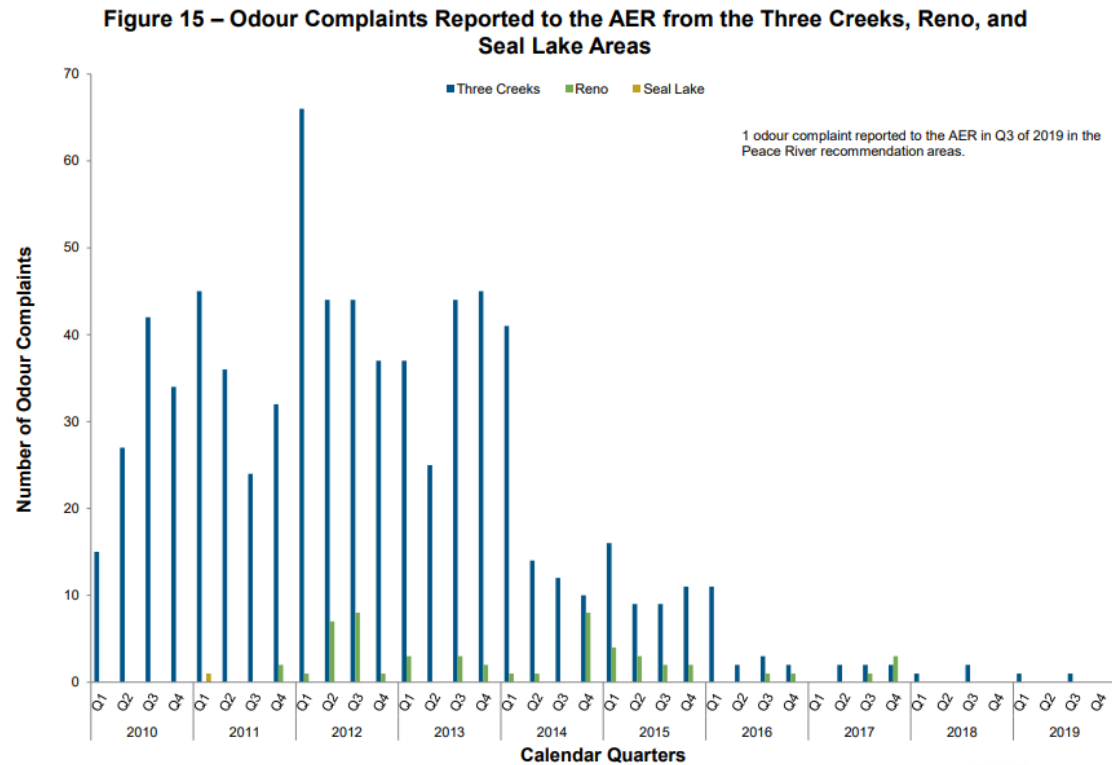
- Reduce flaring and incineration of gas associated with heavy oil and bitumen operation
- Increase conservation of gas from heavy oil and bitumen operations

Figure 11 – Gas Conservation Rate from Oil and Bitumen Batteries in the Peace River Area



Directive 084 Outcomes

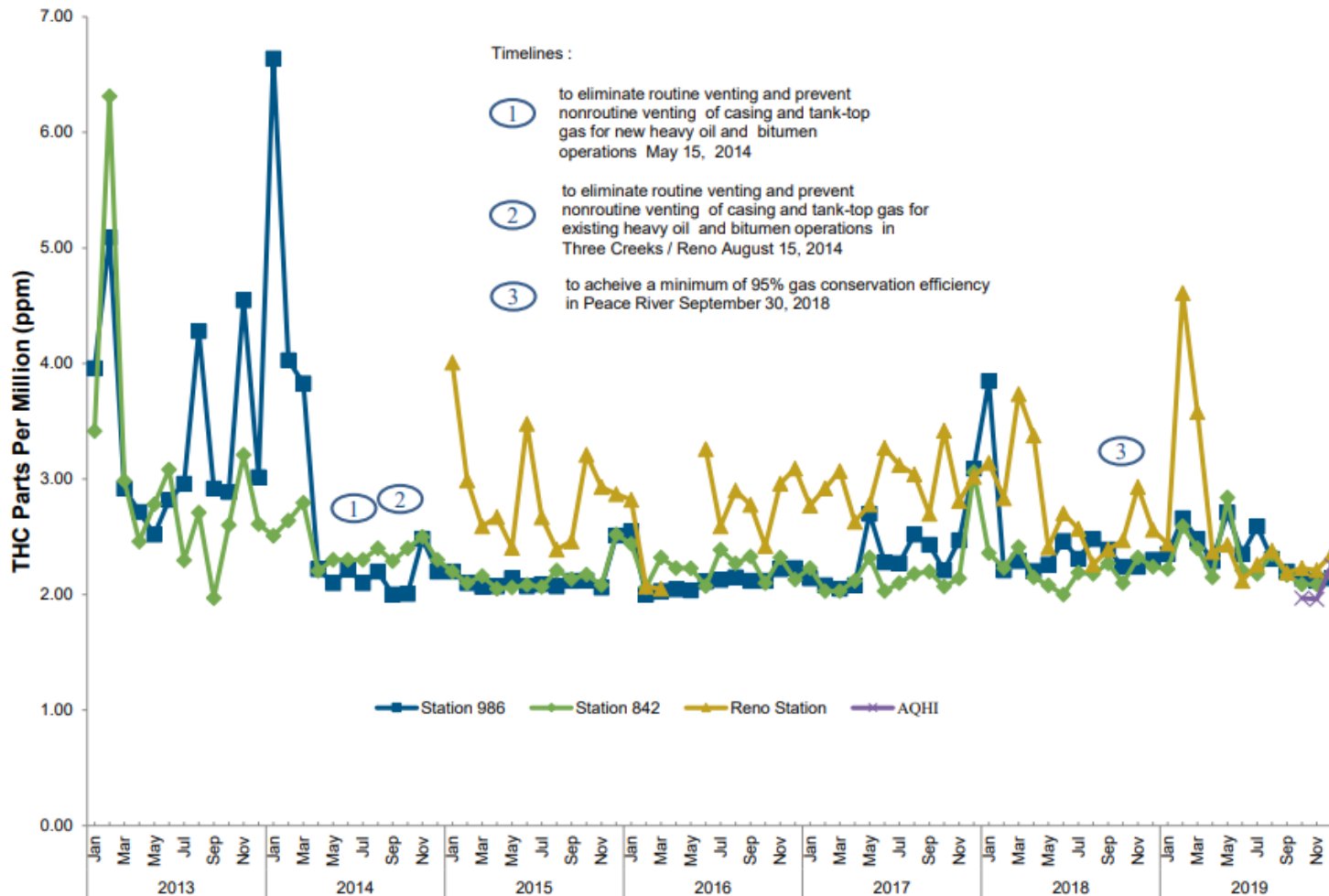
- Reduce odour events to the residents
- Increase public confidence in the AER regulatory system



Data extracted from AER internal systems in March 2020. Chart published in April 2020. See disclaimer provided on outcome page.

Directive 084 Outcomes

Meet regional targets



Directive 084 Future

- 》 Continue Directive 084 compliance, but include in upcoming regulation review
 - Integration into Directive 060
- 》 Data collected from Directive 084 remains important to AER
- 》 AER supports expanded mandate for PRAMP to be a more holistic multi-source airshed

Conclusion

› Monitoring

- helps the AER ensure compliance
- Highlight and prioritize where improvements are needed
- Track improvements
- Data is useful to other industries and sources

› Airsheds are important components of maintaining the air quality in an area

- New CAAQS will impact all airsheds in the province.



Questions



A landscape photograph showing a dirt road that stretches from the bottom center towards the horizon. The road is flanked by vibrant yellow fields, likely rapeseed, and green grass. In the distance, there are rolling green hills and a few small buildings. The sky is a clear, bright blue with scattered white clouds. A large, light gray arrow graphic points from the left side of the image towards the text.

Thank you