



PEMBINA PIPELINE CORPORATION  
TSX: PPL, NYSE: PBA

# **LIFE IN THE HEARTLAND**

**COMMUNITY INFORMATION EVENING**

REDWATER, AB - OCTOBER 21, 2015

**GARRY DLOUHY – SENIOR OPERATIONS MANAGER, REDWATER**



# FORWARD-LOOKING STATEMENTS & INFORMATION

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In this presentation, we refer to certain financial measures such as total enterprise value and operating margin that are not determined in accordance with International Financial Reporting Standards ("Canadian GAAP"). For more information about these non-GAAP measures, see note 1 in the Appendix to this presentation. All financial information is expressed in Canadian dollars unless otherwise specified.





# PEMBINA PIPELINE – BUILDING ON OUR LEGACY



Over 60 years operating history in Alberta



Approximately 1200 employees



Safe, reliable and growing energy infrastructure service provider.



Strong Safety Culture



Oil Sands & Heavy Oil



Gas Services



Conventional Pipelines



Midstream

Core Businesses

Committed to being the operator, employer, neighbour and investment of choice in North America's energy infrastructure sector.



# SAFETY IN THE HEARTLAND



No job is too big that it can't be done safely. We are working towards zero; Pembina believes all injuries and incidents are preventable.



As of summer 2015, we've had zero employee lost-time injuries, while working over **3.7 million hours**, since the beginning of 2014.

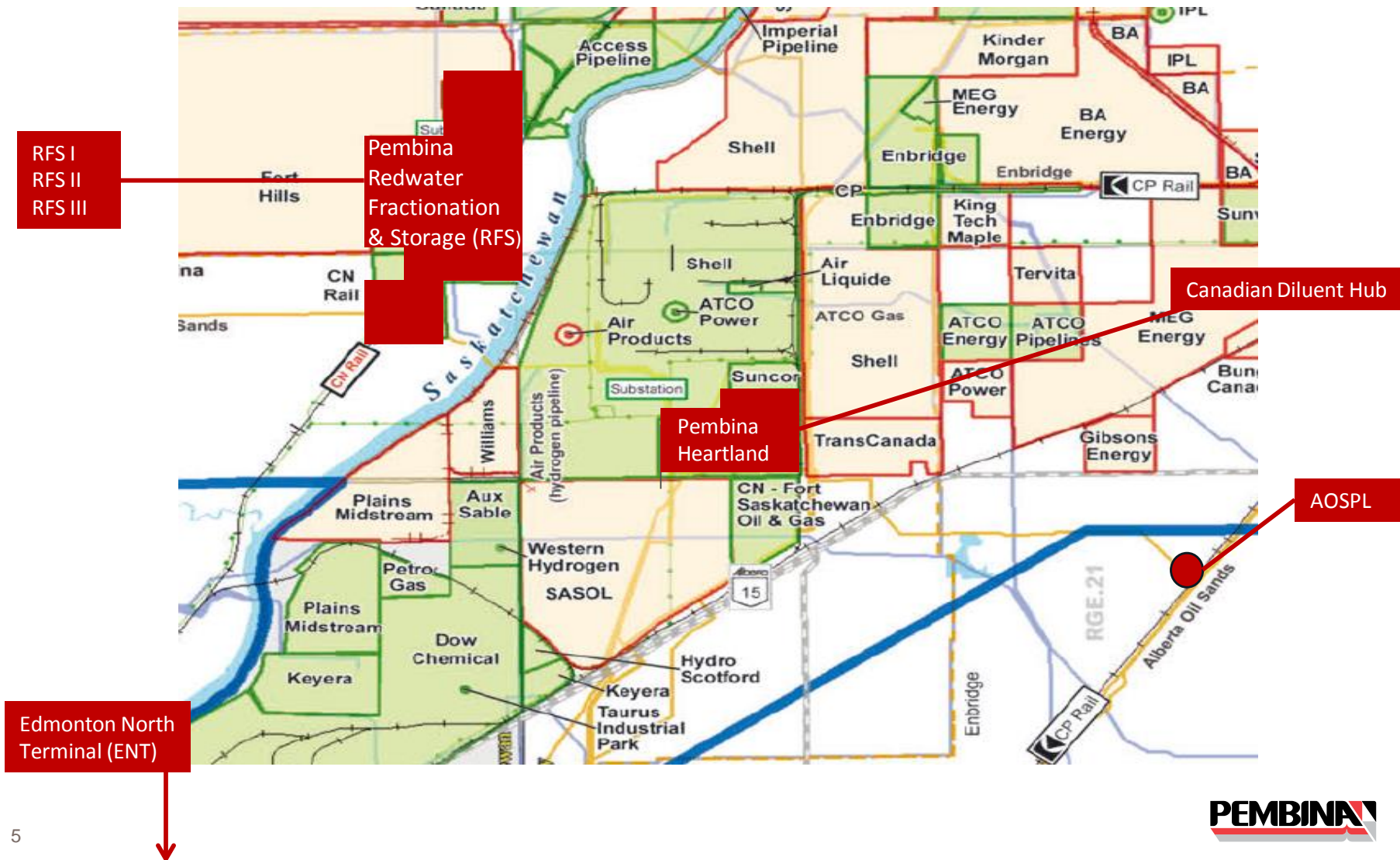


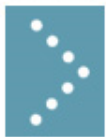
Canadian National Railway's (CN) Safe Handling Awards for seven years running and for nine of the last ten years.





# PEMBINA'S ASSETS IN THE HEARTLAND AREA





# REDWATER OVERVIEW

## BUILDING A WORLD-SCALE FACILITY



### RFS I

- Under multi-year contractual commitments
- Has been in service since Nov 1998
- Estimated cost of \$105 million
- Incremental 73,000 bpd of C2+ fractionation capacity
- Debottlenecking project currently underway – will add 9,000 bpd once complete



### RFS II

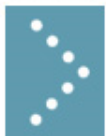
- Underpinned by long-term take-or-pay contracts with multiple producers
- Doubled the size of fractionation facility
- Estimated cost of \$415 million
- Expected on-stream Q1 2016
- Incremental 73,000 bpd of C2+ fractionation capacity



### RFS III

- Underpinned by long-term take-or-pay contracts with multiple producers
- Leveraged design and engineering work from RFS I and RFS II
- Estimated cost of \$400 million
- Expected on-stream Q3 2017
- Incremental 55,000 bpd of C3+ fractionation capacity

Once RFS I and II are debottlenecked and RFS III is online – the combined capacity of all facilities will be approximately 220,000 bpd



# PEMBINA'S CANADIAN DILUENT HUB (CDH)



Approximately 500,000 barrels of above ground storage



Connectivity to multiple inbound and outbound pipelines, including existing Pembina assets



Marketing services to facilitate supply aggregation



Access to rail facilities and future export connections



Direct connectivity to third-party market terminals and pipelines that supply and serve oil sands producers



Direct access to a growing and diverse diluent supply

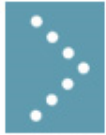


Opportunity to source a variety of qualities, crude grades and synthetic oil

Flexibility to accommodate proprietary and premium blends



Site development with consideration for future construction of rail facilities and cavern storage development



## ADDITIONAL PROJECTS

Also underway in the area:

- **Redwater Rail Yard Expansion**  
Regulatory work underway  
Q3 2018
- **NWR Terminal Project**  
Rail / Truck Loading & Storage Services  
Q3/4 2017
- **New office, control centre and warehouse building**  
Q1 2016
- **Namao to RFS pipeline**  
Q4 2015







# HEARTLAND – COMMUNITY INVESTMENT

## Economic and Social Benefits in the Heartland area:



### Employment opportunities

- Short-term construction opportunities
- Long-term operating positions



### Community investment initiatives that focus on:

- Advancing education
- Preserving the environment
- Fostering good health
- Building community spirit



### Community Investment in Redwater and Sturgeon County:

- Families First Society, Fort Saskatchewan
- Redwater Health Centre
- Gibbons Cultural Centre
- United Way of Alberta Capitol Region  
(\$ raised at our Redwater Plant + food donations & local volunteering)
- Redwater High School Scholarship & Football Program
- Sturgeon Composite High School Scholarship
- Volunteer Fire Department of Redwater, Gibbons & Bruderheim
- Redwater Oilmen's Charity Tournament



PEMBINA PIPELINE CORPORATION



# THANK YOU

Please speak to any of Pembina's  
representatives after the presentation.

[www.pembina.com](http://www.pembina.com)