

Attachment No. 13

LAND RECLAMATION of the Bison Pipeline

TRANSCANADA'S BISON PIPELINE in
Montana 04/12/2011

Pictures: Bob Zellar – Billing Gazette
Lincoln Star Journal

A cattleguard damaged during installation of the Bison high pressure gas pipeline in southeast Montana 04/12/2011



Blowing and blown soil on Robert Rusley's property on the Bison high pressure gas pipeline right of way in southeast Montana. 10/27/2010

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A pipeline sign lies fallen in a trench left after the soil over the Bison pipeline sunk in spring on Robert Rusley's property in southeast Montana 04/12/2011



One sign has fallen while another leans in the soft soil on the Bison high pressure gas pipeline right of way in southeast Montana 04/12/2011



Janelle Reiger walks on a concrete creek crossing damaged during installation of the Bison high pressure gas pipeline in southeast Montana 04/12/2011



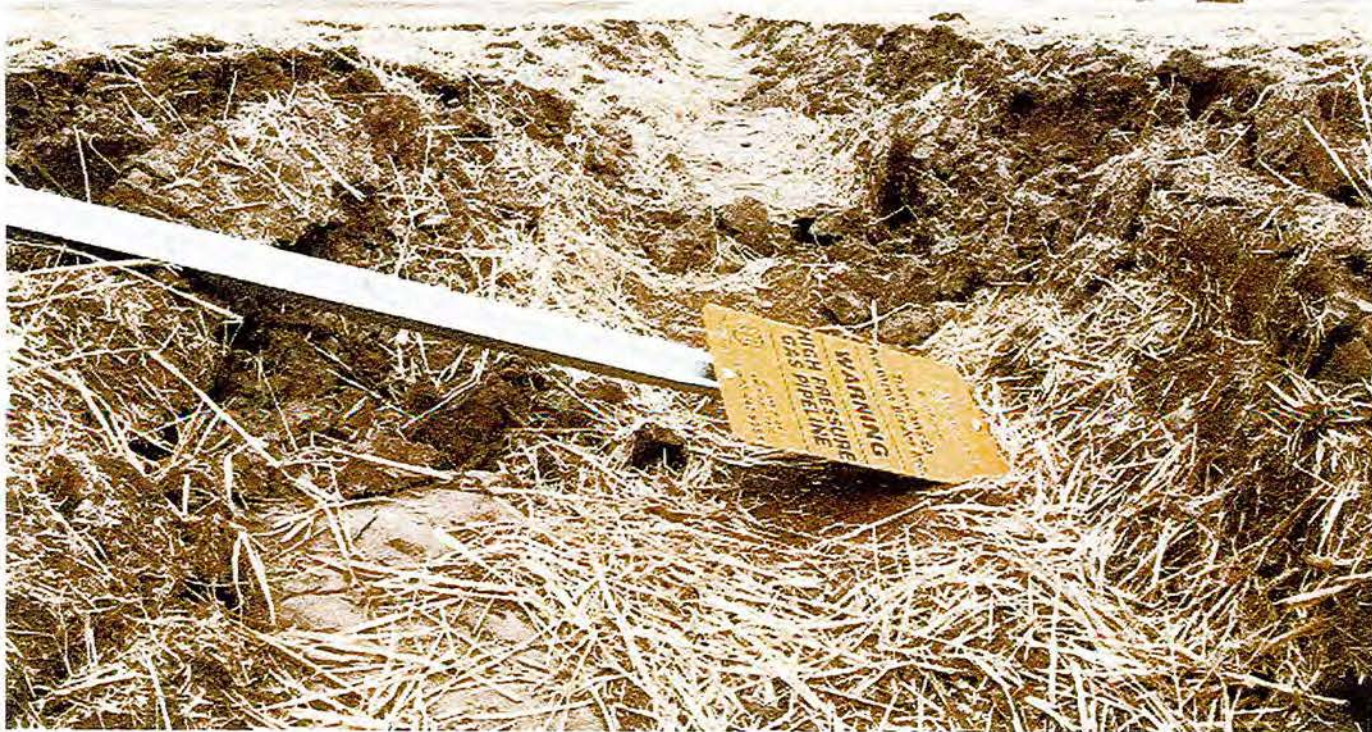
Janelle Reiger stand in a trench left after the soil over the Bison pipeline sunk this spring on Wade Klauzer's property in southeast Montana 04/12/2011



Wade Kllauzer stands by a trench left after the soil over the Bison pipeline sunk this spring on his property in southeast Montana 04/12/2011



A pipeline sign lies fallen in a trench left after the soil over the Bison pipeline
sunk this spring on Robert Rusley's property in southeast Montana
04/12/2011



Water erosion on Wade Klauzer's property on the Bison high pressure gas pipeline right of way in southeast Montana 04/12/2011

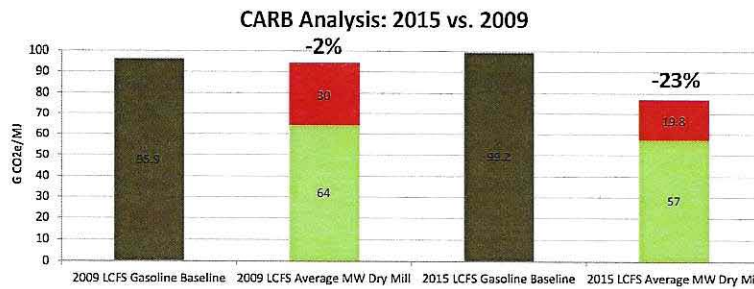


Janelle Reiger walks by a trench left after the soil over the Bison pipeline sunk this spring in southeast Montana 04/12/2011



Current Status of LCFS Carbon Scoring

- Updates to CARB’s modeling approach results in much better CI scores for ethanol:



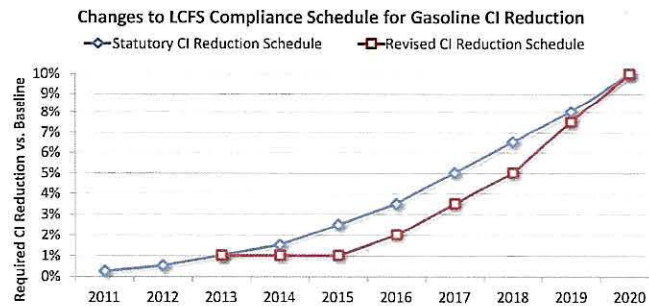
- ...but improvements still needed, especially on ILUC
- CARB beginning to understand that they need corn ethanol to facilitate compliance



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What’s Next for LCFS?

- The LCFS has endured so far in large part because of grain ethanol (**60% of credits to date**)
- CARB froze 2014-2015 required GHG reduction at 2013 levels (1% vs. baseline)
 - Will increase to 2% reduction in 2016



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Reuters article

Brown County Commission April 25, 2023

Keystone's existing pipeline spills far more than predicted to regulators

By Valerie Volcovici, Richard Valdmanis

3 MIN READ

(Reuters) - TransCanada Corp's [TRP.TO](https://www.trp.to) existing Keystone pipeline has leaked substantially more oil, and more often, in the United States than indicated in risk assessments the company provided to regulators before the project began operating in 2010, according to documents reviewed by Reuters.

An aerial view shows the darkened ground of an oil spill which shut down the Keystone pipeline between Canada and the United States, located in an agricultural area near Amherst, South Dakota. REUTERS/Dronebase

The Canadian company is now seeking to expand the pipeline system linking Alberta's oil fields to U.S. refineries with its proposed Keystone XL project, which has U.S. President Donald Trump's backing.

The existing 2,147-mile (3,455 km) Keystone system from Hardisty, Alberta, to the Texas coast has had three significant leaks in the United States since it began operating in 2010, including a 5,000-barrel spill this month in rural South Dakota, and two others, each about 400 barrels, in South Dakota in 2016 and North Dakota in 2011.

Before constructing the pipeline, TransCanada provided a spill risk assessment to regulators that estimated the chance of a leak of more than 50 barrels to be "not more than once every seven to 11 years over the entire length of the pipeline in the United States," according to its South Dakota operating permit.

For South Dakota alone, where the line has leaked twice, the estimate was for a “spill no more than once every 41 years.”

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The spill risk analysis was conducted by global risk management company DNV GL. A spokesman for DNV did not respond to a request for comment.

Members of South Dakota’s Public Utilities Commission told Reuters last week they could revoke TransCanada’s operating permit if an initial probe of last week’s spill shows it violated the terms of the license.

Those terms include requirements for standards for construction, regular inspections of pipeline infrastructure, and other environmental safeguards.

“They testified that this is going to be a state-of-the-art pipeline,” said one of the commissioners, Gary Hanson. “We want to know the pipeline is going to operate in a fashion that is safe and reliable. So far it’s not going well.”

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TransCanada shut a section of the line while it cleans up the leak, which occurred near the town of Aberdeen on Nov. 16. An official did not respond to a request for comment.

The spill took place days before regulators in neighboring Nebraska approved a route for TransCanada’s proposed Keystone XL pipeline through the state, lifting the last major regulatory hurdle for the expansion that has been delayed for years by environmental opposition.

Trump handed TransCanada a presidential permit for Keystone XL in March, reversing former President Barack Obama’s decision to reject the line on economic and environmental grounds, saying that it would create jobs and boost national security.

TransCanada's spill analysis for Keystone XL, which would cross Montana, South Dakota and Nebraska, estimates 2.2 leaks per decade with half of those at volumes of 3 barrels or less. It estimated that spills exceeding 1,000 barrels would occur at a rate of once per century.

Reporting by Valerie Volcovici and Richard Valdmanis
Our Standards: [The Thomson Reuters Trust Principles](#)

Trevor Jones Comments to the Brown County
Commission 4-25,2023 15:50

<https://www.youtube.com/watch?v=iUwcXp3rimE>

In discussion on adoption of Zoning ordinance 243 for
Hazardous Pipelines.

Trevor Jones with Summit Carbon Solutions. "I appreciate the time Mr. Chair and members of the commission. I'll be brief. Uh, obviously we stand opposed to the ordinance, but regardless of the up or down vote, uh, that may or may not take place today, I just throw out, um, as going forward, we continue to like to have open dialog with all the officials here in Brown County. Whether it be Derek or anybody else if you have questions or concerns out to the stakeholders and landowners as well. So, regardless what goes forward

here today, our obviously open-door policy, hopefully the people around the table here have my card. Send me email or a question, er, comment question later on. Again, we want to keep that open dialog going no matter what happens today.”