

# Timelines

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# Keystone XL

Table 1: Keystone XL Timeline

2006 May	• DNV consulting issues a confidential environmental impact report for TransCanada stating that Keystone can detect a large spill (50% leak rate) within 9 minutes, and spill as small as 1.5% leak rate within 138 minutes (DNV Consulting, 2006).
2008 June	• TransCanada proposes the Keystone XL pipeline. <sup>1</sup>
2010 July	• In Michigan Enbridge spills more than 20,000 barrels of diluted bitumen into the Kalamazoo River.
2011 Feb	• Barack Obama vetoes a bill by the the Republican-controlled US Congress that would have approved the construction of Keystone XL. <sup>2</sup>
May	• Keystone spills 400 barrels of oil in North Dakota, discovered by an adjacent land owner after about 30 minutes. <sup>3</sup>
July	• Dr. John Stansbury of the University of Nebraska Omaha publishes an analysis that challenges the 2006 Keystone environmental impact report. For Keystone XL, Stansbury predicts 91 significant spills over 50 years, compared to 11 predicted by the DNV calculations (Stansbury, 2011).
2012 May	• TransCanada applies for a Presidential permit for the construction of Keystone XL (DoS, 2015).
2013 July	• 42 people die in Québec when a freight train carrying crude oil catches fire and explodes in downtown Lac-Mégantic.
2015 November	• The DoS and President Obama reject the application for a Presidential permit on the grounds that it would undermine US foreign policy with regard to climate change (DoS, 2015; White House, 2015).
2016 April	• Keystone spills 400 barrels in South Dakota. <sup>4</sup>
2017 March	• The Trump DoS issues a Presidential permit, based on an unchanged analysis that now states in the Basis for Decision section that since 2015 "there have been numerous developments related to global action to address climate change, including announcements by many countries of their plans to do so" (DoS, 2017, p. 29).

<sup>1</sup> <https://www.rigzone.com/news/oil-gas/a/149226/TransCanada-Proposes-Second-Oil-Pipeline/>

<sup>2</sup> <https://www.nbcnews.com/politics/white-house/obama-vetoes-keystone-xl-pipeline-bill-n311671>

<sup>3</sup> <https://www.thedickinsonpress.com/business/energy-and-mining/4004561-5-years-after-spill-rancher-and-pipeline-junkie-still-has>

<sup>4</sup> <https://www.usnews.com/news/articles/2016-04-08/keystone-pipeline-leak-worse-than-thought>

Table 2: Keystone XL Representative Quotes

Obama administration	"The potential impacts from a large spill would be similar to the impacts from the medium-sized spill, but on a much larger scale" (DoS, 2014, ES-18)
Industry-affiliated think tank	"[For the current] boom to continue, and for energy security to become a reality, the pipeline infrastructure to support North American oil and gas production must be expanded" (Weinstein et al., 2014)

## DAPL

Table 3: DAPL Timeline

June 2014	• Energy Transfer Partners announces DAPL <sup>5</sup>
2017	• Al Monaco, CEO of Enbridge, summons the lower demon Jason Kenney and installs him as the leader of the Alberta United Conservative Party

<sup>5</sup> <https://www.businesswire.com/news/home/20140625006184/en/Energy-Transfer-Announces-Crude-Oil-Pipeline-Project>

Table 4: Line 3 Timeline

2017	• Al Monaco, CEO of Enbridge, summons the lower demon Jason Kenney and installs him as the leader of the Alberta United Conservative Party
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