

# Trans-Canada Keystone XL, Risks of Widespread Environmental Contamination: Anomalies, Dents and Holes Detected in Southern Pipeline

Public Citizen's Report

By [Steve Horn](#)

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*The [southern half](#) of Transcanada's [Keystone XL](#) tar sands pipeline is supposed to begin pumping up to [700,000 barrels of diluted bitumen per day](#) through the Cushing, OK to Port Arthur, TX route within weeks. But is it ready to operate safely?*

[Public Citizen](#) has released a chilling report revealing that the 485-mile KXL southern line is plagued by dents, faulty welding, exterior damage that was patched up poorly and misshapen bends, among other troubling anomalies.

In conducting its investigative report, "[Construction Problems Raise Questions About the Integrity of the Pipeline](#)," Public Citizen worked on the ground to examine 250 miles of the 485 mile pipeline's route. The group and its citizen sources uncovered over 125 anomalies in that half of the line alone. These findings moved Public Citizen to conclude the southern half of the pipeline shouldn't begin service until the anomalies are taken care of, and ponders if the issues can ever be resolved sufficiently.

After President Barack Obama temporarily [denied a permit for Keystone XL's northern half in January 2012](#), the U.S. Army Corps of Engineers granted Keystone XL's south half a [legally dubious Nationwide Permit 12](#) to expedite construction. Soon after, President Obama issued [his own Executive Order in March 2012 calling for the expedited building of the south half](#) in de facto support of the Corps' permit.

An August report by industry intelligence firm Genscape said the pipeline, rebranded by Transcanada as the "[Gulf Coast Project](#)," will ship tar sands dilbit through the line beginning in the first quarter of 2014. Now, the race to build the south half literally looks like it could come with major costs and consequences.

Photos: Keystone XL South Half Anomalies

The photos below of Keystone XL southern half's anomalies mostly speak for themselves, though Public Citizen's report gives them the extra context they deserve. Public Citizen has [placed additional photos up on Flickr](#).



Pinholes in the applied coating can lead to exposing underlying pipe damage to leakage.



Multiple coating patches over new pipe about to be placed into the trench during initial construction.



Close up of section of Keystone XL southern half's pipe marked "junk" by TransCanada.



Front of a cut out section of pipe on citizen David Whatley's land marked "Dent Cut Out."



A dent anomaly on the exterior cut out section of pipe. The dent was about the size of a brick.

### Public Citizen Demands PHMSA, Congress, White House Weigh In

Public Citizen has called for a U.S. Pipeline and Hazardous Material Safety Administration (PHMSA) investigation into its findings. They have also called on Congress and the Obama White House to step up to the plate.

"Public Citizen...calls on Congress to hold oversight hearings to ensure that PHMSA investigates the anomalies [and] conducts a quality assurance review," the report says.

Further, Public Citizen states these Keystone XL southern half blunders coupled with the [12 spills that took place](#) in the [original Transcanada Keystone](#) tar sands pipeline's first operational year must be part of the calculus for Keystone XL's northern half for the Obama State Department. And for the southern half, Public Citizen has called for a "time out."

"The government should investigate, and shouldn't let crude flow until that is done," [Tom Smith](#), Director of Public Citizen's Texas office said in a press statement. "Given the stakes - the potential for a catastrophic spill of hazardous crude along a pipeline that traverses hundreds of streams and rivers and comes within a few miles of some towns and cities - it would be irresponsible to allow the pipeline to start operating.

"TransCanada's history with pipeline problems speaks for itself and I fear we could be looking at another pipeline whose integrity may be in question."

Photo Credit: *Public Citizen*

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