

Some oil recovered from broken pipeline after river spill

January 21 2015, byMatthew Brown



Adrian Vargas, left, Santiago Medina and Rodrigo Salas prepare cases of water for distribution to residents in Glendive, Mont., Tuesday, Jan. 20, 2015. A cancer-causing component of oil has been detected in the Glendive drinking water supply, just downstream from a crude oil spill that entered the Yellowstone River. (AP Photo/Matthew Brown)

Workers recovered about 10,000 gallons of oil from a ruptured pipeline that spilled crude into the Yellowstone River and contaminated a Montana city's drinking water.

An estimated 40,000 gallons is still in the river and will be difficult to extract because of a thick layer of ice.

The recovered [oil](#) was crude that was left over in the [pipeline](#) after the breach.

Bridger Pipeline Co. spokesman Bill Salvin said Wednesday only a "very small" amount of oil has been siphoned from the river itself. Company officials and government regulators say most of the oil is thought to be within the first several miles of the spill site.

"What we're working on is identifying places where we can collect more oil," Salvin said. "The cleanup could extend for a while."

Montana Department of Environmental Quality Director Tom Livers said he was concerned that when the ice breaks up in the spring, oil will spread farther downstream.

The spill occurred just upstream of Glendive. Authorities are working to clean up the agricultural community's water supply after cancer-causing benzene was detected at its water treatment plant.

Bridger Pipeline has committed to providing bottled water for Glendive's roughly 6,000 residents until the water treatment plant is running again.

The federal Centers for Disease Control and Prevention said the benzene levels were above those recommended for long-term consumption, but they did not pose a short-term health hazard.

Efforts to cleanse the water plant began Tuesday as officials added more activated carbon—a type of charcoal—to the [water treatment](#) process.

Water that went through the more intensive treatment method was to be

tested Wednesday.

If it works, the city's water could be restored by Friday, DEQ spokeswoman Jeni Garcin said. If it doesn't, officials plan to add equipment that will pretreat water coming into the facility. It's uncertain how long that might take.

A mechanical inspection of the damaged line Tuesday revealed the breach occurred directly beneath the river, about 50 feet from the south shore. Its cause remains unclear.

Oil sheens have been reported as far away as Williston, North Dakota, below the Yellowstone's confluence with the Missouri River, officials said.

Many in Glendive have criticized the timing of Monday's water advisory, which came more than two days after oil spilled from the 12-inch Poplar Pipeline that runs from Canada to the town of Baker.

Adding to the frustrations has been uncertainty over how long the water warning will last.

Benzene in the range of 10 to 15 parts per billion was detected, said Paul Peronard with the U.S. Environmental Protection Agency. Anything above 5 parts per billion is considered a long-term risk, he said.

The [water treatment plant](#) operated until Sunday afternoon, more than 24 hours after Bridger Pipeline discovered the spill, officials said.

Peronard and others involved in the response said [officials](#) acted based on the best information available.

"Emergencies don't work in a streamlined fashion," said Bob Habeck

with the state [environmental quality](#) agency. "It's a process of discovery and response."

© 2015 The Associated Press. All rights reserved.

Citation: Some oil recovered from broken pipeline after river spill (2015, January 21) retrieved 25 April 2024 from <https://phys.org/news/2015-01-oil-recovered-broken-pipeline-river.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--