

A photograph of a street scene where a manhole cover is overflowing with water. The water is splashing and creating ripples in the surrounding pavement. In the background, a car wheel is visible on the left side. The overall scene is in grayscale, except for the yellow text and warning symbols.

EXPLODING SEWERS



**Now That We
Have Your Attention...**

These Are The Facts

We Want To Hear From You!



EXPLODING SEWERS!

What You Need To Know

Valley Sanitation District's Interceptor Sewer extends 4.5 miles from Bellevue Ave. to the Littleton Englewood Wastewater Treatment Plant at Dartmouth Ave. and the South Platte River. This pipeline collects and transports wastewater from ALL Valley customers and many customers in surrounding jurisdictions.

19,521 feet of the 21" and 24" sewer pipeline has been lined with polyethylene pipe or a cured-in-place epoxy liner and is in good working condition. Unfortunately, 4,400 feet of the pipeline has not been rehabilitated and is corroding internally, subjecting the pipeline to structural failure and collapse.

The weakened pipe is located within an abandoned landfill between the southwest corner of Centennial Park near South Decatur Street to West Oxford Avenue approximately 400 feet west of the South Platte River (see drawing).

Methane gas and other hydrocarbon gases are infiltrating the interceptor—at times reaching levels that could result in an explosion or fire.

The interceptor is 50 feet deep and is located within a narrow 30-foot-wide easement on private property, making operation and maintenance of the pipe extremely dangerous and nearly impossible.

Failure of the pipeline would result in untreated wastewater contamination of private properties and the South Platte River.

Control of a pipeline failure and resulting discharge would likely take days, and permanent repairs would take weeks and be tremendously expensive.

In order to avoid such an occurrence, Valley Sanitation has conducted an extensive analysis of alternatives to move the pipeline away from the landfill to a location and depth that would greatly improve the District's ability to effectively operate and maintain the pipeline.

The chosen alternative consists of construction of a sewage lift station and 4,700 feet of new sewer pipe in S. Clay St., S. Federal Blvd., and W. Oxford Ave. at a cost of \$2.5 million.

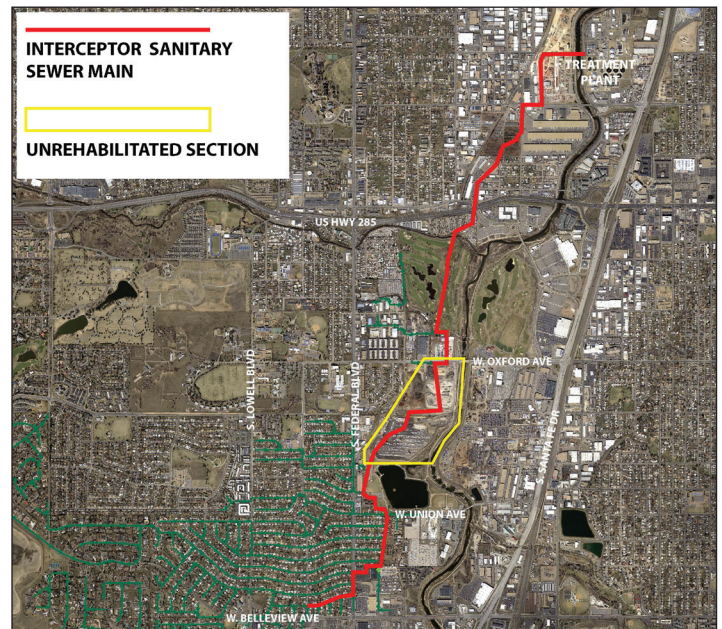
In addition to the interceptor sewer relocation project, Valley has a need to rehabilitate eight miles of 8" and 10" corroding concrete pipe at an estimated cost of \$1.3 million.

Valley's current cash reserves available for sewer rehabilitation projects totals \$500,000, an amount that is incapable of funding the critical sewer rehabilitation needs of the District.

The Valley Board of Directors is pursuing a low interest loan from the Colorado Water Resources and Power Development Authority to enable the District to begin the relocation of the very dangerous interceptor sewer in early 2018. **Repayment of the loan would require voter approval of an annual property tax increase**



Location of failing interceptor sewer



amounting to \$26.44 for a home valued at \$200,000 and \$39.66 for a home valued at \$300,000 for a 30-year loan. A 20-year loan would result in a tax increase of approximately \$36.06 for a property valued at \$200,000 and \$63.28 for a property valued at \$300,000.

Another financing option available to the District is to increase the service charge that is currently billed by the City of Englewood on Valley customers' sewer bills. This option would result in much higher annual costs and delay the interceptor sewer relocation project several years until sufficient revenue is accumulated.

The Valley Board of Directors is conducting listening sessions during February through April at the locations listed below to present information, respond to questions and elicit citizen input. In addition, the Board invites all Valley customers to attend its monthly meetings 5:00 p.m. on the second Wednesday of each month at Centennial Lutheran Church at 3595 W. Bellevue Ave.

At the conclusion of the listening sessions, the Board will adopt a plan to eliminate the dangerous situation that confronts the District and its citizens. **Your input is encouraged and valued.**

For frequent updates, please visit the Valley District website at www.colorado.gov/valleysanitation on this important issue.

UPCOMING MEETINGS

March 20, 2017, 7-9 p.m.
St. James Presbyterian Church
3601 W. Bellevue Ave., Littleton

April 12, 2017, 6:30-7:30 p.m.
Centennial Academy of
Fine Arts Education School
3660 W. Berry Ave., Littleton