

You are receiving this newsletter as a neighbour of the existing Trans Mountain pipeline. As part of our ongoing safety program, we are planning to complete selective tree removal and offset planting on the existing Trans Mountain pipeline right-of-way in the manicured areas of Riverbend and Westridge Wolf Willow. The purpose of this work is to address large trees and shrubs that are too close to the pipeline and can interfere with safe pipeline operations and cause operational and safety risks.

Earlier this year, we submitted our right-of-way vegetation management plan for Riverbend (phase 1) to the City of Edmonton for review. The plan came as a result of our extensive consultation with the residents adjacent to the right-of-way, the community Task Force and the City of Edmonton. The proposed scope and timeline are subject to applicable permits and are being detailed based on consultation with the City of Edmonton and affected neighbours.

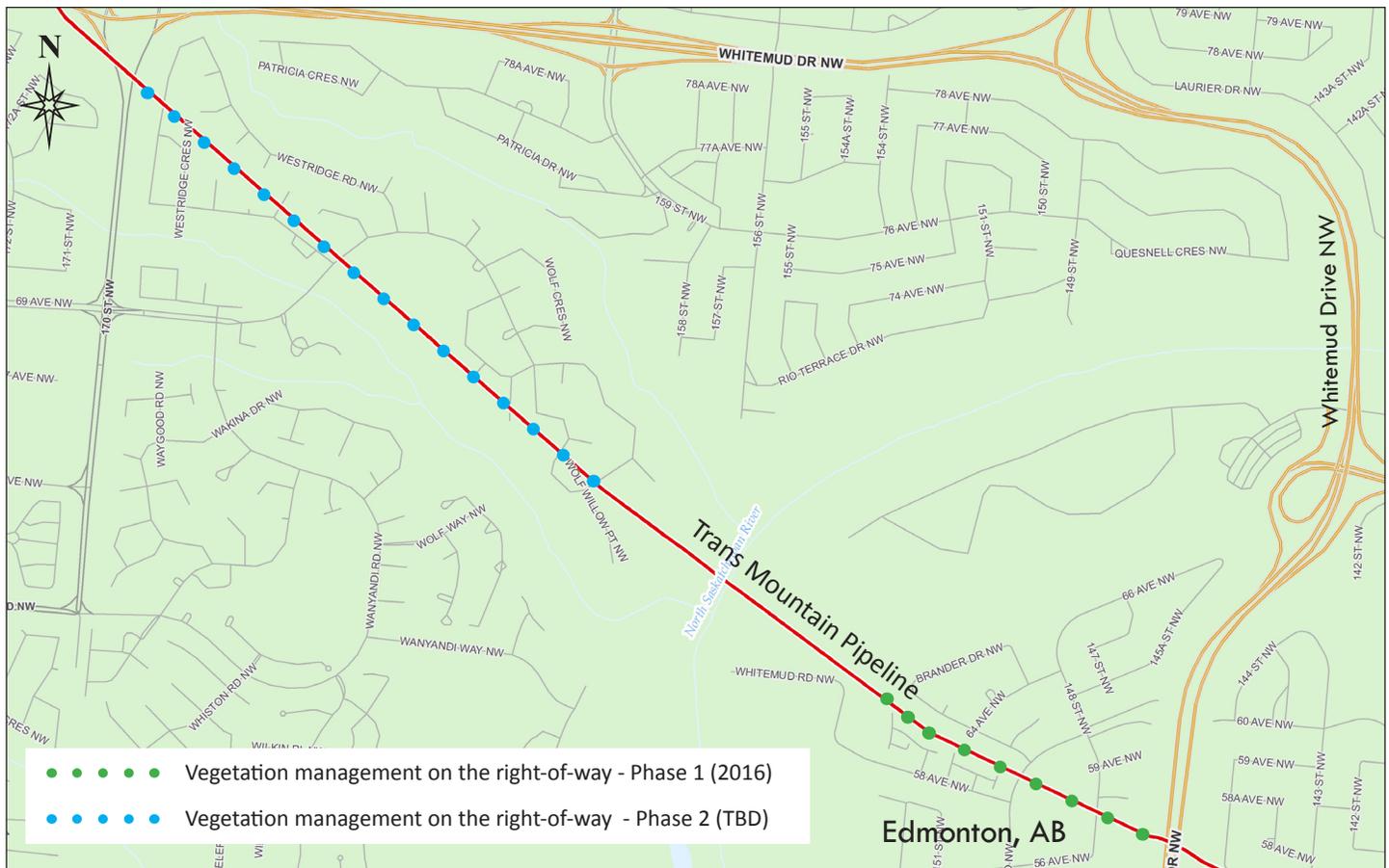
## PHASED APPROACH

We will use a phased approach to complete vegetation management on the right-of-way in the manicured areas in Riverbend and Westridge Wolf Willow. As part of our commitment to being a good neighbour and preserving community values, wherever practical, we will aim to begin the work with planting new trees in the affected areas, away from the pipeline. Tree removal will be limited to 3 metres on either side of the pipeline centerline.

## NEW TIMELINE

Phase 1 (Riverbend) is now scheduled to begin in spring - summer of 2016, subject to applicable permits.

Phase 2 (Westridge Wolf Willow) - The timeline for vegetation management work in Westridge Wolf Willow will be determined following consultation with the City and adjacent neighbours.



## UPDATE: RESTORATION ON THE RIGHT-OF-WAY

In 2012, we completed brushing on the right-of-way in the naturalized areas of Whitemud Creek, North Saskatchewan River Valley and part of the right-of-way from the west bank of North Saskatchewan River Valley to Wolf Willow Crescent NW. This work was necessary to establish and maintain a clearly marked accessible right-of-way to ensure the safety of the pipeline.

One of the first important steps after vegetation management on the slopes was the implementation of erosion control techniques. These included turf reinforcement mats (TRM) installed on the steepest portion of the west slope for enhanced soil stabilization and erosion control. The TRM and similar treatment were also applied on the east river slope. The areas along the slopes were initially hydroseeded with a liquid mixture of native grass seed, mulch and organic growth enhancer to encourage regrowth and control erosion.

To further enhance erosion control, temporary water diversion berms (slope interrupters) were installed across the west slope at varying intervals to ensure that run-off is being proportionally directed to vegetated areas and to minimize scouring to the soils. We continually monitor the slopes for any signs of erosion, and our field studies indicate no concerns with slope stability.

Since 2013, we have also implemented a multi-year right-of-way restoration program to promote revegetation in the previously brushed areas. The program includes ongoing monitoring, repeat reseeding on the right-of-way with native grasses, fertilization, regular weed control predominantly by hand-pulling, planting of low-growing shrubs on parts of the right-of-way, and regular watering from May through October.

While we have seen great results on the east side, the west slope presented us with some challenges. Due to the



*View of the east slope from the west bank, August 2015*

steep slope, orientation, and lack of top soil, revegetation progress on the west slope is slower than in other areas. To counter the unfavourable conditions, we have doubled our restoration efforts in that area by installing an irrigation system, repeat broadcast reseeding with native grasses and fertilization. We also sought expert advice from third party environmental consultants. The feedback we've received gives us confidence that we are on the right track with the measures we are undertaking. It's also important to note that the native grasses require time to establish due to their natural life cycle. Once they gain a foothold, they will propagate and thrive for many years to come.



*View of the west slope from Brander Gardens, August 2015*

## ABOUT KINDER MORGAN CANADA

Kinder Morgan Canada operates the 1,150-km Trans Mountain pipeline that originates in Edmonton, Alberta and runs across Alberta and British Columbia to Burnaby, BC and delivery points in Washington State. For over 60 years, Trans Mountain has been safely and efficiently transporting crude oil and refined petroleum products to marketing terminals and refineries on the west coast, providing the only access for Canadian oil to export markets. As a pipeline that crosses provincial borders, Trans Mountain is regulated by the National Energy Board. Kinder Morgan Canada is required to maintain the pipeline right-of-way to ensure the continued safe operations of the pipeline.

## CONTACT

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