

# *A Commitment to Environmental Stewardship*

Located on the beautiful west coast of Canada, the Lower Mainland region is desired for its natural setting — so it's easy to understand why Kinder Morgan Canada (KMC) is committed to environmental responsibility. Some of the measures we take at our Burnaby facilities as part of this commitment are:

## **Storm Water Control**

Sensitive agar probes, instruments capable of detecting minute amounts of petroleum products in water, are placed in the storage tank bays at Burnaby Terminal. If a probe detects petroleum product, a valve will automatically close, tripping an alarm and stopping the flow of water. The valve does not allow water to escape the tank bay until the area can be inspected.

Hydrotesting, routinely used in the pipeline industry, uses water under high pressure to confirm pipeline strength. Water used in hydrotesting is tested for traces of petroleum products and treated if needed before being released.



## **Vapour Recovery System**

Burnaby Terminal uses a vapour recovery system that minimizes nuisance odours for the comfort of our neighbours.

A recent upgrade to this system means that unlike the previous filter, the new medium is a dry granular pellet called 'Sulfatreat' that does not need further treatment before disposal.





## Community Involvement



KMC believes in participating in environmental stewardship initiatives for the benefit of the community. Some of the initiatives we are proud of include:

In 2008, KMC employees received international recognition from Wildlife Habitat Council for their work with the Stoney Creek Environment Committee to complete projects to rehabilitate the creek and its surroundings.

Our partnership with Tree Canada has seen more than 13,000 trees planted since 1998. Over an 80-year period, this will help offset more than 2,300 tonnes of CO<sub>2</sub>, a main contributor to greenhouse gases.

In an innovative right-of-way landscaping project at Primrose Hills Strata in the Forest Grove neighbourhood, plantings enhance biodiversity of bird, small mammal and insect populations. The project uses Green Links program values which increase biodiversity along utility corridors in urban areas while respecting utility safety requirements.



## Emergency Response



With more than \$110 billion worth of energy products transported across Canada annually, the pipeline industry places a very strong emphasis on safety and minimizing environmental impact.

KMC must be prepared for the very unlikely possibility of a pipeline release. For this reason, we combine careful planning with regular training, equipment deployments and mock emergency exercises involving staff and community first responders.