

## Recycling Water Pays Big Dividends



*Ponds capture wastewater and rainwater that is recycled for use throughout PCT's terminal.*

*Pacific Coast Terminals begins using recycled water.*

Pacific Coast Terminals uses a lot of water. Nearly 400,000 cubic metres per year – costing \$300,000 for purchase and disposal – are used for dust control, equipment clean up, and site wash down. Potable water is also distributed to offices and incoming ships.

Since 1992, wastewater and rainwater have been collected in ponds before being treated and discharged to the Greater Vancouver Regional District (GVRD) sewer system.

Due to the recent population growth in the Tri-Cities and the limited capacity of sewage treatment plants, the GVRD requested that industry reduce rainwater based discharges.

In response, PCT commissioned a study of how to reduce water discharges. We discovered that we could reduce water consumption by 75 per cent and wastewater discharge by 40 per cent a year by recycling.

Says Kent Smith, PCT's Manager of Engineering and Maintenance, "It was obvious that recycling was the way to go. Why pay to discharge rainwater when we could use it for dust control and clean-up?"

The chance came in 2000 when PCT began replacing aging water lines.

Kent, who managed the project from the start, explains, "While we were replacing underground piping, we were able to include extra pipes for recycling – a solution that saves money and helps the environment."

By 2002, PCT had installed separate underground water systems for potable water, fire protection and recycling. Then late last year, PCT put the finishing touches on the recycling system by connecting the pipes to the terminal equipment, installing the pumps station, and setting up the control building.

Most wastewater – once discharged to the GVRD's sewer system – is now pumped from ponds into underground pipes for distribution to equipment throughout the terminal.

After investing more than \$1 million, PCT's water recycling system is up and running, and benefits are accruing. In the first month, PCT recycled 18,000 cubic metres of water, for annual savings of \$150,000 or more.



*This building houses the pumps and controls needed to distribute the recycled water to the various parts of the site.*



*Large quantities of water are used for maintenance and dust control. The Stakrake, which moves piles of sulphur, needs water to lubricate the chain as it goes around the end pulley.*



In this photo from 1935, a bulk carrier docks at the original Pacific Coast Terminals site in New Westminster. In those days, small trains like the one in the photo would stop next to the ship so that a crane could transfer cargo from the railcars into the ship's hatches.

In 1960, PCT opened the bulk site in Port Moody and began handling sulphur. The New Westminster facility, which handled general cargo such as apples and wood, closed in 1981.

## News from PCT

Pacific Coast Terminals has a new Web site. Visit us at [www.pct.ca](http://www.pct.ca).

We've also relocated our administration offices from Esplanade Street to within our 108-acre terminal at 2300 Columbia Street. Our new contact information is listed below.

### New to our team

Wayne Kern and Danny Perkins have joined our company as Maintenance/Operations Foremen. Wayne was previously the Maintenance Supervisor at IPSCO Steel, and Danny was the Maintenance General Foreman at a mine in Sparwood, BC.



Wayne Kern



Danny Perkins

# Around Town with PCT

## Festival of the Arts

The Port Moody Arts Centre showcases the cultural talents of artists from across Canada at this 7th annual festival, being held March 26 to April 4. Our company is pleased to be sponsoring two of the festival's performances: the Big Band Dance on March 27 and Strings & Scones on April 4. For tickets, call 604-931-2008 or visit [www.pomoartsfestival.bc.ca](http://www.pomoartsfestival.bc.ca).

## Solve this murder mystery

We invite you to take part in the 4th Annual Murder Mystery on April 3rd at the Executive Inn in Coquitlam. Held by the Rotary Club of Port Moody and sponsored by PCT, the event includes dinner and a silent auction benefiting the Eagle Ridge Manor Long Term Care Facility. Tickets are available through Eagle Ridge Hospital at 604-461-2022.

## The Burney Ensemble

The ensemble performs The Bach Circle as part of the Triad Concert Society's annual concert series. The concert, sponsored by our company, will be held on April 17 at 8pm at Inlet Theatre, 100 Newport Drive in Port Moody. Tickets are available by phone at 604-461-6883.

## Release the fingerling



Releasing the fingerlings at last year's festival.

It's time once again for the very popular Fingerling Festival hosted by the Port Moody Ecological Society on Saturday, May 1. Everyone's invited to Noons Creek Hatchery to help release 35,000 Chum fry. Drop into the Port Moody Recreation Centre to enjoy the crafts, food and interactive displays. PCT will be there, so please visit with us. The event runs from 11 am to 3 pm. Visit <http://www.vcn.bc.ca/pmcs/> for more information.

# Pollen is Upon Us

Now that spring is in the air, you'll probably start noticing yellow specks on your cars and decks. It's pollen, not sulphur.

Arborist Cliff Hoegler of BC Plant Health Care Inc. explains that the cottonwood trees and viburnum shrubs in the Lower Mainland are the biggest contributors for the pollen we see from March to May each year.



The Red Alder tree is BC's most important hardwood, and one of the biggest contributors of pollen.

Visit our Web site at [www.pct.ca](http://www.pct.ca)

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Your comments and contributions are welcome.

Please forward them to: Ken Catton, Vice President and General Manager or e-mail them to [pctinfo@pct.ca](mailto:pctinfo@pct.ca)