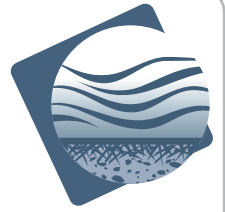




At the Lab. In the Field.
By Your Side.

ANNACIS ISLAND WASTEWATER PLANT

BRITISH COLUMBIA, CANADA



CONCRETE
WATERPROOFING

Page 1 of 1

QUESTIONS: 1-800-267-8280 or www.kryton.com

BACKGROUND

Initial construction of four huge DAFT tanks, several meters in height and 400 millimeters thick, did not utilize Kryton's KIM™ admixture. Severe cracking and leaking resulted, especially at the tapered tie holes and cracked locations. Subsequent ground settling contributed to the poor performance by creating new cracks. Some voids were full depth and as much as 400 mm in diameter. In 1996, Kryton International was consulted and contracted to provide Krystol™ materials to repair the leaking tanks and other walls at the facilities.

SOLUTION

Krystol™ Baricote was used to repair the tapered tie holes. Krystol™ T1 and T2 were applied to the inside surfaces of the tanks. Subsequent inspections over several years after the Krystol treatment was applied showed that many cracks continued to develop in the huge tanks. However, the cracks quickly self-healed and did not leak. The Krystol materials continue to perform beyond expectation.



PROJECT CASE STUDY

LOCATION

Annacis Island, Vancouver, B.C., Canada

OWNER

Greater Vancouver Regional District, (GVRD)

CONTRACTOR

Campbell's Seal-Tech Waterproofing,

ENGINEERS

ABR, Consortium of:
Associated Engineering, Burnaby, B.C.
Brown and Caldwell Consultants Canada Ltd.
Reid Crowther Partners Ltd.

The Kryton Group of Companies.

1645 East Kent Avenue, Vancouver, BC Canada V5P 2S8 Tel.: 1-604-324-8280 Toll Free: 1-800-267-8280 Fax: 1-604-324-8899 E-mail: info@kryton.com Web: www.kryton.com