



VIROTEC GLOBAL SOLUTIONS PTY LTD

REGULATORY APPROVALS



AUSTRALIA

In Australia, each state is responsible for its environmental legislation and regulations. Accordingly, separate approvals are required for operations in each state.

New South Wales - Department of Environment and Conservation (DEC)

Approval for use of Virotec technology reagents for land application and remediation.

A generic approval granted under the Protection of the Environmental Operations (Waste) Regulation 2005. Immobilisation Approval for treatment of solid wastes containing heavy metals using ViroFlow™ Technology.

A specific approval required on a case-by-case basis under the Assessment, Management and Classification of Liquid and Non-Liquid Wastes Guidelines 1997.

Queensland - Environmental Protection Agency (EPA)

Approval for regulated waste treatment (ERA 85) using ViroFlow™ Technology.

A generic approval granted under the Environmental Protection Act 1994.

Approval for regulated waste transport (ERA 83).

A generic approval granted under the Environmental Protection Act 1994.

ACT - Environment ACT

Approval for use of ViroFlow™ Technology to treat heavy metal contaminated water and solid waste.

A specific approval required on a case-by-case basis under Environmental Protection Regulations 1997.

Tasmania - Department of Tourism, Arts and Environment (DTAE)

Approval for use of ViroFlow™ Technology to treat heavy metal contaminated water and solid waste.

A specific approval required on a case-by-case basis under Environmental Management and Pollution Control (Waste Management) Regulations 2000.

UNITED KINGDOM

In October 2004, Virotec was granted approval by the UK environmental regulator, The Environment Agency (EA), to use Virotec's reagents in the United Kingdom without restriction, including for treatment of contaminated wastewater, contaminated soil, mine site remediation, and other environmental remediation and waste treatment projects. The certification also allows that Virotec's reagents may be imported into the United Kingdom from abroad.

Due to the national organisational structure of the EA, regional Agencies also have jurisdiction over certain environmental projects, most notably contaminated site remediation. Further to the national approval cited above, Virotec has also been granted approval by the EA to conduct several specific projects in the UK, including a contaminated soil remediation project in Kent, a contaminated industrial slag treatment project in Bristol, and a wastewater treatment project in the Lake District.

In August 2007, Virotec was also granted approval to implement projects in the UK by the National Trust, an independent organisation with 3.4 million members, which protects and administers over 300 historic houses and gardens and 49 industrial monuments and mills. The National Trust is responsible for the maintenance of many forests, woods, fens, beaches, farmland, downs, moorland, islands, archaeological remains, castles, nature reserves and villages throughout the UK.

Approvals in 2006 and 2007 for the application of Virotec's technologies from a number of regional water companies, responsible for providing drinking water and wastewater treatment for many millions of people throughout the UK, were also granted. These include Yorkshire Water, Welsh Water, and Wessex Water. In November 2005, Virotec's reagents were tested and certified by the Water Research Council.

UNITED STATES OF AMERICA

In November 2004, the United States Environmental Protection Agency (EPA) certified that Virotec's range of products are recognised industrial chemicals under the Toxic Substances Control Act (ToSCA). This certification allows for the manufacture, processing, transportation, application and disposal of Virotec's reagents throughout the United States. The certification also allows that Virotec's reagents may be imported into the United States from abroad.

As in the United Kingdom, regional EPAs are also responsible for approving specific projects on a case-by-case basis. Virotec's reagents and technologies have been approved for application by EPA Regions 1 and 9.

In June 2006, Virotec's reagents were approved for application in the treatment of drinking water and industrial wastewater by the Department of Health and Environmental Control (DHEC) in South Carolina. In July 2007, the Florida Department of Environmental Protection (FDEP) accepted Virotec's Arsenic ProActiv™ reagent as an *in situ* groundwater remediation reagent for the immobilisation of dissolved arsenic and other suitable dissolved metals by chemical absorption.

In 2006, the National Sanitation Foundation (NSF) certified Virotec's reagents for use in the treatment of drinking water and Virotec's manufacturing facility in Mobile, Alabama passed inspection by the NSF for the production of reagents at drinking water standards.

SOUTH KOREA

Between 2005 and 2007, Virotec conducted a number of large-scale environmental remediation and waste treatment projects in the Republic of Korea (South Korea). These projects were conducted with approval of the Ministry of Environment and The Korea Agriculture and Rural Infrastructure Corporation (KARICO).

PORTUGAL

In July 2002, Virotec conducted a large-scale mine site remediation project in Portugal for Companhia de Indústria e Serviços Mineiros e Ambientais, S.A. (EXMIN). This project was conducted with the approval of the Ministry of Environment. EXMIN is the company responsible for rehabilitating abandoned mine sites in Portugal under the auspices and leadership of the Ministry of Environment's Rehabilitation Programme for Abandoned Mining Sites (PRAAMA).

EXMIN is part of EDM Group, a public company that represents the interests of the Portuguese State in the mining sector.

LAO PEOPLE'S DEMOCRATIC REPUBLIC (LAOS)

In 2005, Virotec conducted a large-scale project for mine site remediation in the Lao People's Democratic Republic. The application of Virotec's ViroMine™ Technology at the site was administered under the auspices of the Ministry of Agriculture and Forestry.