



PROJECTS

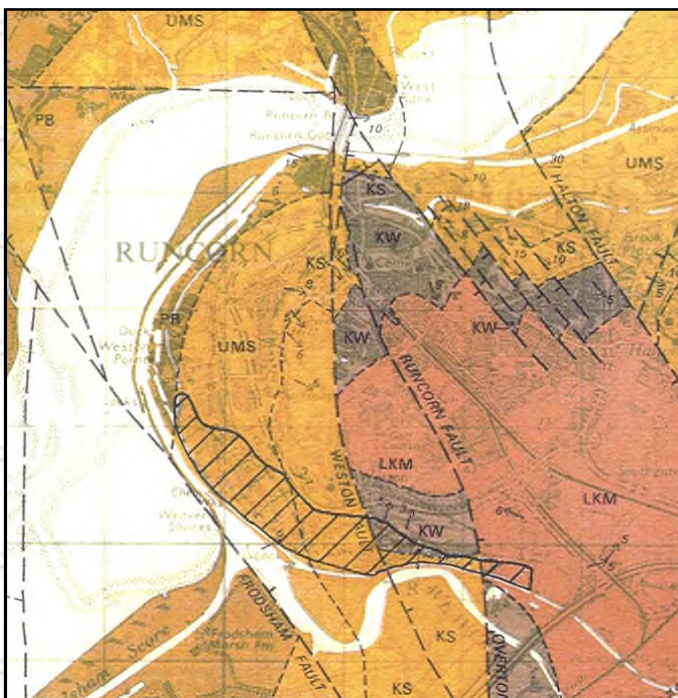
CONTAMINATED LAND & GROUNDWATER

ICI CHEMICALS & POLYMERS LTD

HydroSolutions Contam10

Appraisal of contamination issues, chlor-alkali and organo-chlorine manufacturing site, UK.

An assessment of groundwater contamination and sensitivity issues was undertaken on behalf of ICI at the Merseyside Operations (Mops) in Runcorn.



Part of Geological Map courtesy of BGS

ICI Mops is the largest chlor-alkali and organo-chlorine (OC) chemical manufacturing site in the UK.

Chemical manufacturing commenced in the 1840's, and has included saponification, chlor-alkalis, caustic soda, bleach, copper, hydrochloric and sulfuric acids, OC solvents, and more recently chloro-fluorocarbons (CFCs).

Soil, surface water and groundwater contamination has resulted from the historical operations.

The study reviewed the sensitivity of the hydrogeological setting, and identified potential contaminant migration routes to impact groundwater and the adjacent Weston Canal.

Recommendations were made for a site investigation program based on common chemical manufacturing areas and likely contaminant sources.

HydroSolutions Pty Ltd  
U14, 14 Whyalla Street  
Willetton  
Western Australia 6155  
Tel: (+61 8) 9457 5448  
Fax: (+61 8) 9457 4293  
Mob: 0403 021533

E-mail: [stuart.jeffries@hydrosolutions.com.au](mailto:stuart.jeffries@hydrosolutions.com.au)  
Website: [www.hydrosolutions.com.au](http://www.hydrosolutions.com.au)