



Flusco Pike Landfill

Flusco Pike is a landfill site located near Penrith and operated by Cumbria Waste Management Ltd. A significant change in imports into the landfill in 2001 led to an increase in effluent load onto the existing leachate treatment plant and prompted a major upgrade in the plant to meet the existing trade effluent discharge consent requirements.



JJL have provided the following services for the works:

- Outline Mechanical, electrical and civil design.
- Liaison with outline process design consultant.
- Liaison with Planning Supervisor.
- Preparation of IChemE Green Book contract documentation.
- Project Management of tender process, contractor interviews and appointment.
- Project Management of detailed design, construction, commissioning and process testing stages.

The works have included:

- Process modifications to alter a series of 4 treatment lagoons to 1 x influent holding lagoon, 2 x SBR lagoons and 1 x effluent holding lagoon.
 - Construction of civil bases within 3 of the lagoons
 - Manufacture and installation of plant support walkways to these 3 lagoons.
 - Installation of a mixer and pump transfer system in the influent lagoon.
 - Installation of an air injection system/mixing system and decant pump system into the two SBR lagoons.
 - Installation of Sodium Hydroxide and Methanol dosing systems.
 - Installation of **m long MCC and Control Panel within a new GRP kiosk.



The project has demonstrated JJL's ability to project manage medium sized contracts under IChemE Conditions of Contract.

Client:	Cumbria Waste Management
Contractor:	Montgomery Watson Harza
Value:	£750k
Programme:	?? weeks