

G&D10

Risk Assessment for addition of wash plant (nb should be read in conjunction with original risk assessment submitted with initial permit application).

Nearest residential premises are 180m+

HAZARD	RECEPTOR	PATHWAY	CONSEQUENCE	RISK MANAGEMENT TECHNIQUES	PROBABILTY OF EXPOSURE	OVERALL RISK
Emissions to air from wash plant (dust)	Surrounding business	Airborne	Dust on nearby cars, windows etc	Daily dust monitoring in accordance with EMS. Shift manager is responsible for checking wind strength and direction, and will stop operations where necessary.	Low – the wash plant immediately douses waste with water making dust emissions highly unlikely Wash plant located within an existing building within the permitted boundary	L
Odour	Surrounding business	Airborne	Offence to human senses	Daily odour monitoring in accordance with EMS.	Low – malodorous wastes not accepted for treatment. Waste destined for landfill resulting from washing process is stored directly in a skip and covered where appropriate.	L
Noise	Surrounding businesses	Wind	Nuisance to local businesses	Plant maintained in accordance with manufacturers guidance.	Medium – the plant may increase volumes on site however we anticipate this to be negligible in the context	M

				Noise monitoring. Operations in accordance with agreed planning consent. The proposed location of the machinery has been decided to minimise the sound pollution by locating it at the centre of the site. It will be located over 50m metres from any neighbouring land use and will not represent a material change in noise levels from existing operations on the site	of the entire site and surrounding receptors. The machine will not cause nuisance to the surrounding land uses. The machinery runs below 63db outside of the 10m range and will operate under current planning permissions.	
Surface water pollution	River / groundwater	Surface / ground	Potential pollution of watercourse and / or ground water	Regular checks of plant. Operation in accordance with manufacturer's guidance.	Low – the plant is completely self-contained and water is re-circulated. The plant will be sat on a sealed, impermeable, concrete surface with the ability to contain any spillages / leaks.	L

