

DL 3 – Environmental Risk Assessment Datashredders Limited - 44, Hostmoor Avenue, March Trading Park, March, Cambridgeshire, PE15 0AX - EAWML 75108 – Transfer and Variation of Bespoke Permit.

INTRODUCTION

As part of an application for an environmental permit Operators must assess the risk to the environment and human health from the activities they seek to permit.

This Environmental Risk Assessment has been undertaken in accordance with the online Environment Agency Guidance for undertaking environmental risk assessments.

Environmental risks relevant to the proposed activities are:

- Emissions to Air;
- Emissions to Water;
- Emissions to Land;
- Odour;
- Noise;
- Litter;
- Pests;
- Vandalism;
- Fire; and
- Incompatible Feedstock.

For each of the above environmental criteria the approach to the assessment has followed the following four stage process:

- Identify the risks;
- Assess the risks (assuming those control measures proposed are in place);
- Choose appropriate further measures to control these (if required); and

- Present the assessment.

Hazard	Receptor	Pathway	Risk Management Techniques	Probability of Exposure	Consequences	Overall Risk (following mitigation)
Point Source\Releases to Air	Atmosphere	Airborne	<ul style="list-style-type: none"> • There will be no point source emissions to air from the facility. 	Low: offsite receptor impact	Air Pollution	VERY LOW due to the proposed processes on site
Emissions to water	Groundwater /Geology / Surface Water	Water borne	<ul style="list-style-type: none"> • There are no point source emissions to surface waters. • There will be no changes to the drainage arrangements on site. • There will be no hazardous wastes delivered to site. • All treatment, storage and transfer will be on sealed drainage. • All liquids shall be provided with secondary containment (applies to wastes and non- wastes such as fuels). • Activities will not be carried out within 50m of any well, spring or borehole used for the supply of water for human consumption including private water supplies. 	Low: all runoff is controlled on site, in line with standard rules permits therefore the probability of exposure is low	Contamination	VERY LOW due to the proposed management techniques and drainage arrangement
Emissions to land	Groundwater / Geology	Spills / Leaks	<ul style="list-style-type: none"> • There will be no point source emissions to land arising from the proposed facilities. • Spill kits will be strategically located around site. These are subject to regular checks in the planned preventative maintenance system. • Staff will be trained in how to deal with a spill. • Minor spills to be cleaned up immediately using spill kits. Resultant materials to be placed in container for offsite disposal to appropriate facility. • Immediate action to be taken in event of any major spills. Spillage to be cleared immediately and placed in containers for offsite disposal at an appropriate facility. EA to be informed. 	Low: spills / leaks could potentially contaminate the ground / groundwater- Underneath the site.	Contamination	VERY LOW due to the proposed risk management techniques
Noise and vibration Existing permitted activities	Local Residents and wildlife Closest residents located at 420m to the NW of the site boundary	Airborne / ground	<ul style="list-style-type: none"> • Vehicle deliveries will only take place during daytime hours (06:00 – 17:00 Monday to Saturday). • On site, vehicles will be fitted with ‘white noise’ reversing alarms. • No activities will take place at night • Speed limits in place of 5mph to reduce noise generation on the access roads. • Access roads to be kept in good order to prevent potholes that may give rise to noise incidents. • Where possible vehicles will be reloaded with recycled materials when leaving the site meaning less vehicle movements and reduced empty vehicle bodies which can produce noise. • All equipment has been designed to ensure that any noise does not present an issue to the employees at the site under the Control of Noise at Work Regulations. • All waste treatment will take place within a building. • All exhausts are fitted with silencers. 	Low – due to the minimal operation of the site (on an ad-hoc basis and only during daylight hours), location of sensitive receptors and all other mitigation measures described.	Nuisance in the form of noise and vibration	LOW due to the management techniques, modern equipment, maintenance and earth bund.

			<ul style="list-style-type: none"> The plant will only be used on an 'as needed' basis. Plant and equipment will only be running when treatment is required. All vehicles and equipment will be switched off when not in use. The site operates a complaints investigation procedure which involves efficient mitigation if a complaint is found to be substantiated. All complaints are recorded and reviewed regularly. The distance between stockpiles of recycled materials and vehicles to be loaded is kept to minimum to reduce vehicle movement. Sensitive receptors have been identified. In the event of an increase in noise complaints a noise impact assessment would be carried out. 			
Odour	Local Residents	Airborne	<ul style="list-style-type: none"> Waste contracts will be in place to ensure the consistency of the waste is continuous. To prevent excessively odorous waste from arriving on site, the site has stringent waste acceptance procedures waste will be rejected by site should it be deemed malodorous. Waste streams of card and paper are not odorous. Inspections will happen daily to inspect the site for odours. Any odorous waste will be prepared for removal off site immediately. Sumps will be regularly cleaned and the site will emptied good housekeeping measures. Any complaints will be actioned in accordance with the site complaints procedure and recorded in the site diary. Waste types to be accepted are not odious by nature. All waste will be stored and treated within a building keeping dry preventing it from becoming odorous. 	Low: due to the activities being managed with waste acceptance criteria and waste storage.	Nuisance	VERY LOW due to the proposed risk management technique
Dust	Local Residents	Airborne	<ul style="list-style-type: none"> All loaded incoming and exporting vehicles will be covered. All treatment of waste will be within a building. Surfaces will be swept to reduce dust. Water Bowsers will be deployed in dry weather to dampen down. Any complaints will be actioned in accordance with the site complaints procedure and recorded in the site diary. Operations likely to generate dust will not be carried out in high winds. Site surfaces will be kept free from mud and dust and if required a mechanical road sweeper will be deployed. In dry weather a water bowser will be used damp surfaces down. 	Low: due extensive dust suppression equipment and methods being employed	Nuisance	VERY LOW due to the proposed risk management techniques

Litter	Local Residents	Airborne & migration	<ul style="list-style-type: none"> All incoming and exporting waste vehicles will be covered. All activities will take place within a building. The site access and site services shall be swept as necessary. The site shall be inspected daily by the site manager and any litter or accumulated debris shall be dealt with immediately. Any complaints will be actioned in accordance with the site complaints procedure and recorded in the site diary Litter will be picked on a weekly basis, however if required this will be carried out daily. External fencing will be netted to prevent small pieces of shredded paper from leaving the site. All treatment of waste will be within a building. 	Low: due to feedstock being assessed for litter and preventative measures.	Nuisance	LOW
Pest	Local Residents	Airborne and migration	<ul style="list-style-type: none"> A pest control company is contracted to undertake fortnightly inspections of the site. The waste types do not attract pests. Vermin baited traps will be located on the site on a permanent basis. The waste streams of paper and card are not known to attract pests. Should pests be identified, reasonable measures will be taken to use commercially available products and services to control pests. 	VERY Low risk of pets on site due to preventative measures and feedstock.	Nuisance	VERY LOW due to the proposed risk management techniques
Vandalism	Operator	The site could be subject to intentional vandalism and damage by intruders / trespassers who could cause damage or harm to the site or cause fires.	<ul style="list-style-type: none"> The site has a CCTV system with motion sensors across the site. Alarm The site entrances are secured by lockable gates. Site is secure and the entire site is bounded fencing. Unauthorised access is prohibited onsite. The site perimeter is inspected daily by operations staff to identify deterioration and damage and the need for repair. Fencing is maintained and repaired to ensure its continued integrity. If damage is sustained, repair will be made within the same working day. If this is not possible, suitable measures will be taken to prevent unauthorised access to the site and permanent repairs will be affected as soon as is practicable. All visitors to the site are required to register in the visitor's book and sign out again on exit, thereby minimising the risk of unauthorised visitors on the site. 	Low: the occurrence of vandalism taking place on site is highly unlikely due to security measures.	Nuisance, damage or fire	VERY LOW due to the proposed risk management techniques
Fire	Operator / Residential Properties	Windborne	<ul style="list-style-type: none"> A planned preventative maintenance system is in operation for all plant and equipment. This will reduce the likelihood of fire starting at this source. Arson by intruders is controlled via CCTV, main steel security gates, perimeter walls and fences. The site is covered by two flame detection cameras. The sites building is equipped with a fire suppression system. The site is well lit and secured. Machinery is regularly cleaned to remove any dust, etc; 	Low: the occurrence of a fire taking place due to preventative measures and Fire Prevention Plan.	Fire	LOW Due to lack of combustible waste

			<ul style="list-style-type: none"> All equipment on site is equipped with dedicated fire suppression. A number of fire extinguishers are placed at strategic locations around the plant. The potential for sparks is regularly monitored by site staff. The risk of damaged or exposed electrical cables is controlled via the regular inspection and maintenance programme. Staff and visitors are only permitted to smoke within the designated smoking area. There is no smoking permitted within the operational area of the site. The site will operate under an approved Fire Prevention Plan. 			
Incompatible Feedstock	Operator / Residential Properties	If incorrect waste is accepted on site it could result in adverse emissions/ breaking of equipment	<ul style="list-style-type: none"> All wastes accepted onto site have been subject to 'pre-acceptance' in accordance with the sites Environmental Management System. Waste acceptance procedures are implemented, which control all incoming wastes. Any non-conforming waste will be quarantined and rejected from site in accordance with the sites Environmental Management System and waste acceptance procedures. 	Low: off-site receptor impacts	Nuisance /Adverse Emissions	VERY LOW due to the proposed risk management techniques
Accidents	Operator	Accidents	<ul style="list-style-type: none"> In the event of any incident or accident that would cause operational disruption such as the ability to process or accept waste alternative action would be taken. If waste could not be treated for a foreseeable period of time waste would managed in line with the Fire Prevention Plan. If the Fire Prevention Plan could not be adhered to for reasons such as storage times and volumes waste would be removed to other permitted or exempt waste facilities. If the site could not accept waste, again other permitted or exempt waste facilities. In fact Datashredders operate another exempt waste site at Wimblington ref - WEX365305 	Low: off-site receptor impacts	Accidents / Incidents	VERY LOW due to the proposed processes and management techniques as described within the summary EMS
Flooding	Operator	Surface and coastal waters	<ul style="list-style-type: none"> The site will not accept or store any wastes that would pose a risk to the watercourse. The company will sign up to Floodline so that they are alerted to any impending flood incidents. If flooding is expected, where possible all waste will be removed from the site. All incoming wastes would be diverted to other permitted or exempt waste facilities. In fact Datashredders operate another exempt waste site at Wimblington ref - WEX365305 	Low: pollution to water course	Flooding	VERY LOW due to the proposed processes and management techniques as described within the summary EMS

Environment Agency Flood Map for Planning

