

ENVIRONMENTAL RISK ASSESSMENT

Table 1 - Assessment of odour						
Hazard	Receptor	Pathway	Risk management	Probability of exposure	Consequence	What is the overall risk ?
What has the potential to cause harm?	What is at risk? What do I wish to protect?	How can the hazard get to the receptor?	What measures will you take to reduce the risk?	How likely is this contact ?	What is the harm that can be caused?	What is the risk that still remains? The balance
There are no possible sources of odour from the activities.	-	-	-	-	-	-

Table 2 - Assessment of noise and vibration						
Hazard	Receptor	Pathway	Risk management	Probability of exposure	Consequence	What is the overall risk ?
What has the potential to cause harm?	What is at risk? What do I wish to protect?	How can the hazard get to the receptor?	What measures will you take to reduce the risk?	How likely is this contact ?	What is the harm that can be caused?	What is the risk that still remains? The balance
There are no possible sources of noise from the activities.	-	-	-	-	-	-

3. Assessment of fugitive emission risk						
Hazard	Receptor	Pathway	Risk Management	Probability of exposure	Consequence	What is the overall risk ?
What has the potential to cause harm?	What is at risk? What do I wish to protect?	How can the hazard get to the receptor?	What measures will you take to reduce the risk? If it occurs – who is responsible for what?	How likely is this contact?	What is the harm that can be caused?	What is the risk that still remains? The balance of probability and consequence

To air						
Fire emergencies	Air	Air emissions	Daily checks of the storage area and the site equipment are carried out. Keeping records of all the checks. Appropriate procedures are carried out. Only staff that is trained will be responsible.	Only if an emergency occurs. Low likelihood if the appropriate measures are effectively carried out.	Potential problems with the quality of the air due to smoke emissions	Low, if management techniques are employed
To water/soil						
Spillage due to accident (e.g. tank overfilling, inadequate bunding)	The environment in general - aquifer or/and drainage systems/sewers	Waste oil could go through the bund and spill in the environment, and/or sorbents are not being stored appropriately	Keeping daily checks and records of the bund and its integrity, cement flooring, oil is stored only indoors, appropriate storage of sorbents, trained staff	Spillage due to accident may reach receptors but appropriate measures make it unlikely	Pollution of the environment (such as land and water)	Low, if management techniques are employed

