

Hazard	Receptor	Pathway	Risk Management	Probability of exposure	Consequence	What is the overall risk?
<i>What has the potential to cause harm?</i>	<i>What is at risk? What do I wish to protect?</i>	<i>How can the hazard get to the receptor?</i>	<i>What measures will you take to reduce the risk? If it occurs - who is responsible for what?</i>	<i>How likely is this contact?</i>	<i>What is the harm that can be caused?</i>	<i>What is the risk that still remains? The balance of probability and consequence.</i>
Gas Turbine GT3 (S1)	Closest inhabited areas in Sedalcol's surroundings	Site may be close enough to be audible	The machine is fully enclosed to minimize the effect of the source of noise. Periodical preventative maintenance and inspections as per recommendations. Enclosure to be kept closed while in operation.	The likelihood has been assessed via specific noise impact assessment.	No adverse impact shall be expected. A verification of the noise emissions of the new plant will be carried out at the completion of the proposed extension.	The assessment has demonstrated that the difference between the existing noise levels and the levels introduced by the new plant is negligible.
Chimney A41 in normal operation mode (S2)	Closest inhabited areas in Sedalcol's surroundings	Site may be close enough to be audible	The outlet chimney is provided with specific acoustic silencer. Internal noise monitoring survey carried out within Sedalcol EMS to include this point.			
Boiler 10 (S3)	Closest inhabited areas in Sedalcol's surroundings	Site may be close enough to be audible	The fresh air fan is provided with acoustic silencer on the suction. Periodical preventative maintenance and inspections as per recommendations.			
Gas Compressor (S4)	Closest inhabited areas in Sedalcol's surroundings	Site may be close enough to be audible	The machine is fully enclosed to minimize the effect of the source of noise. Periodical preventative maintenance and inspections as per recommendations. Enclosure to be kept closed while in operation.			
UPS 4 Diesel Generator	Closest inhabited areas in Sedalcol's surroundings	Site may be close enough to be audible	The machine is fully enclosed, positioned between buildings to reduce external pathway propagation. Enclosure to be kept closed while in operation.	Insignificant/Negligible, expected maximum running 10 hours annually. Throughout 2018 other similar installations ran for a total of 10 hours.	Negligible due to the size of the generator and the enclosed system.	None
Emission point A43 - Wet Mill flour scale suction	None	None	Installation is located within Wet Mill building structure.	None - insignificant/negligible amounts of noise produced from equipment.	None	None
Emission point A44 - Bran loading chute	None	None	Installation is located within Bran loading building.	None - insignificant/negligible amounts of noise produced from equipment, not in continuous operation.	None	None
Emission point A45 - Bagging plant local exhaust ventilation	None	None	Installation is located within Dry Mill building structure.	None - insignificant/negligible amounts of noise produced from equipment, not in continuous operation.	None	None