

USSL Risk Assessment

Risk Assessment No		E7	Activity			Fumes, Dust & Noise		Locations		Office, Site Works, Yard, Depot, Garage		
Assessment Undertaken by		M. Watson		Assessment Date			Jun-17		Review Date		1/6/18	
Risk Ratings												
Receptors at Risk (RAR)		Impact Rating (S)				Likelihood (L)						
C	Controlled Waters	1	No Hazard – No Environmental Impact				1	Not Likely – No History of an event ever happening				
L	Land	2	Slight Hazard – Low Environmental Impact. Little impact to the environment easily rectified no need for specialist clean up, and/ or no danger to the health of humans or wildlife				2	Possible – Documented history of the event happening in the organisation within the last 12 months				
A	Air	3	Medium Hazard – Moderate Environmental Impact. Some impact to the environment easily rectified without the need for specialist clean up. No danger to human health minor danger to wildlife.				3	Likely – Documented history of the event happening in the organisation at least monthly				
F	Flora / Fauna	4	Quite Hazardous – Moderate to High Environmental Impact. Possibly requiring specialist clean up. Danger of non-life threatening health affects to human or wildlife, or short term effects on the environment				4	Very Likely – Documented history of the event happening in the organisation at lease weekly				
H	Human Health	5	Very Hazardous - High Impact Specialist clean up necessary. Potentially life threatening or life altering to humans or wildlife, or significant long term effects on the environment.				5	Happening Now – Visual evidence of the event occurring.				
Tolerance rating												
15 - 25		DANGER - Task/activity should not proceed. Further control measures are to be put in place to reduce risk. When in place the level of risk should be re-assessed for adequacy before the work recommences.										
7 - 14		SIGNIFICANT RISK is attached to this task/activity. Look critically at ways of reducing the level of risk to a more tolerable level by improving existing control measures or by introducing new controls.										
1 - 6		TOLERABLE RISK - Consider if risk is "as low as reasonably practicable", If not try to reduce risk further by improving control measures. Keep under review and continue with task/activity, but with caution										
NB. Full PPE will be utilised as a matter of course during any works undertaken												
Initial Assessment No controls						Risk Mitigation Measures						
Item No	Hazard Identification	RAR	S	L	Score	Control Measures	S	L	Revised Score	Risk Acceptable		
1	Dust production by Cutting, Drilling, Vehicle Movements in dry conditions	A	4	4	16	Any requirements for air quality monitoring throughout the project must be identified prior to the commencement of any works. All activities which may cause air pollution should be highlighted and specific risk assessments and safe systems of works should be prepared. All operations are to be carefully planned and managed to ensure that impacts are kept to a minimum. All plant and equipment will be chosen and serviced regularly to minimise emissions. Where air monitoring is carried out, all records will be retained for a minimum period of 12 years. All permanent and temporary employees, including sub-contractors and suppliers, will be made aware of their responsibilities to ensure that no air pollution incidents occur. In the event of an air pollution incident, the Emergency Control Procedures outlined below will be followed. Emergency Control Procedures In the event that excessive dust is arising from operations on site due to plant or traffic movements, then damping down of the roads and surrounding area shall be used to control the dust. Road sweepers shall also be used to keep roads clean and tidy where appropriate. If the problem persists it may be necessary to install wheel-washing systems. Where dust is arising from excavations, water shall be applied across the working area. Where dust is arising from stockpiles of materials, water shall be applied to the stockpile, or the stockpiles should be sheeted. Care shall be taken in both instances where water is being applied to the soil to prevent excessive run-off causing a further pollution incident, or a safety hazard due to the weakening of the ground.	4	2	8	Yes		
2	Noise from Plant and Equipment	A,F,H	4	4	16	If any item of plant is releasing excessive emissions through its exhaust, it should be turned off, returned to the hire firm and replaced with better quality plant. Where emissions are becoming a problem during cutting the method of working will be changed to use damping or extractive techniques. Should any excessive odours arise from storage areas including fuel, chemicals and waste the cause should be investigated and changes made to storage arrangements. Waste must be regularly collected and removed from site to prevent odour emissions. In the event that a serious environmental incident occurs, contact the company's Environmental Advisor and advise the Environment Agency using the 24 hour Emergency line - 0800 80 70 60	4	1	4	Yes		
3	Fume Production from Plant, Equipment and Vehicles. Gases from purging operations.	A,F,H	4	4	16		4	1	4	Yes		