# USSL Risk Assessment

| Risk Assessment No | | E1 | Activity | Water from Excavations | Locations | Site Works |
|---|---|---|---|---|---|---|
| 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 | The discharge of water from the excavation either directly into a natural watercourse (pond / ditch / stream / lake etc). Watercourses being contaminated | C,L,F | 4 | 2 | **8** | Before pumping water from an excavation you must assess its condition.<br>It is Clear, Silty, Contaminated with Sewage, does it have a Oily Film on top, or do you suspect other Chemicals are present?.<br>If it is : -<br>Clear or Silty water – Pump to a foul sewer, or onto a grassed area.<br>Contaminated with Sewage – Pump to a foul sewer.<br>Oily surface Film (minor)- If there is only minor contamination use absorbent pads to remove ALL the surface film and pump to a foul sewer. (The absorbent pads must then be disposed of as “Special Waste”).<br>Oily surface Film (major)- Do not remove, contact your line manager for further guidance and assistance.<br>Chemicals – Do not remove, contact your line manager who will seek advice from the Local Water Authority / Environment Agency.<br><br>REMEMBER UNDER NO CIRCUMSTANCES MUST YOU ALLOW WATER FROM AN EXCAVATION TO GET INTO A NATURAL WATERCOURSE. | 4 | 1 | **4** | **Yes** |
| 2 | The contamination of grassed or planted area’s.Grassed or planted area’s being contaminated. Surface drains, water drains being contaminated. | C,L,F | 4 | 2 | **8** | | 4 | 1 | **4** | **Yes** |
| 3 | The possible risk to operatives from contaminants contained within the water. | C,L,F,H | 4 | 2 | **8** | | 4 | 1 | **4** | **Yes** |