


Ecological management plan

Waste Management and Duty of Care		
1	Hold a valid Waste Carriers Licence or exemption Certificate to carry waste	
2	Ensure waste transfer notes/consignment notes are appropriately and clearly complete	
	Take reasonable steps to manage and minimise waste production; <ul style="list-style-type: none"> • Preparing for re-use, • Recycling, • Other recovery (e.g., for example energy recovery), • Disposal. 	
3	No waste to landfill	
4	Undertake Waste Hierarchy Principles of Reduce, Reuse and Recycle	
5	Waste will be segregated at source and stored in the assigned receptacle,	
6	Waste shall be securely, according to waste type and risk, <ul style="list-style-type: none"> • Hazardous waste will be segregated from other wastes, labelled as hazardous waste, and stored securely, 	
7	Only use identified waste vessels for holding waste materials, prior to removal off site,	
8	Containers used for waste shall not be overfilled, advise a site supervisor/manager should additional resources be required	
9	Report any leakage or overflow to the site supervisor	
10	Ensure hazardous wastes are handled appropriately	
11	Only use appropriate licence facilities	
12	Waste records and waste transfer notes or consignment notes for all waste removed off site shall be obtained and retained	
13	All waste records are to be retained for at least 2 years,	
14	Shall not dump waste material, litter nor fly tip material generated from activities	
15	The ESG team are to be advised immediately of concerns or breaches as necessary.	


Aspect	Notification	Responsibility
Where asbestos has been identified (Open Reach records or through onsite inspection) Follow HSEQ RAMS Procedure followed. A specialist asbestos team must be used to remove waste off site to an appropriate hazardous waste facility.	Inform the Build/Operations Supervisor / Manager immediately.	Everyone

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Previously unknown contamination identified, hazardous contaminated material to be quarantined in a secure bunded area, away from other materials, prior to removal off site to an appropriate hazardous waste facility by a licenced carrier.	Inform the Build/Operations Supervisor and Manager immediately & ESG team, if necessary.	
Suspected coal tar is present or identified, BATNEEC (best available technology not exceeding excessive cost) is needed to identify if coal tar is present, prior to appropriate quarantine and removal off site by a fully licenced carrier.	Inform the Build/Operations Supervisor and Manager immediately, where necessary advise the ESG team.	Build/Operations/Site Manager/Store Manager
Undertake training as necessary		Build/Operations Supervisor
Waste contractors, only, as agreed with the Procurement Team	ESG / Procurement Team	
Obtain, retain waste records. Waste transfer notes/consignment notes for all waste removed from sites,	ESG	
Carry out Audits as per Audit Schedule	HSEQ Team	

Environmental Spillage		
1	Store Materials and Liquids, in appropriately labelled containers/drums, in bunded or matted areas,	
2	Oil/fuel in containers in vans shall be secured while the vehicle is in transit	
3	Decanting shall only take place with the use of absorbent mats.	
	In the event of a spillage	
4	Assess the risk, determine the quantity of spilled material in the environment and set up exclusion zone	
5	Locate and stop the source, plug the hole or shutting the valve / tap,	
6	Contain the spill, use absorbents and spill kits to contain the source and create an earthen perimeter bund or use oil absorbent booms to act as a barrier,	
7	Protect stormwater drains, using absorbent pads around the edge of the oil spill	
8	Use booms to restrict the flow of liquid and keep it pooled within the booms	
9	Redirect the flow of material as necessary	
10	As a last resort, use sand or other absorbent materials,	
11	The flow of the liquid must be stopped before it has a chance to contaminate a waterway	
12	Implement clean up, once the source of the spill has been controlled and the spill contained, cleaned up,	
13	Oil/fuel spills, use absorbent materials from oil spill kits on-site	
14	All used and contaminated absorbent materials shall be collected in either drums or in lined skip bins prior to transport off site by a Licenced Waste Carrier,	

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15	Re-stock spill kit and absorbent mats onsite and in vans,	
16	Complete required reports, as soon as possible after the spill, all notifications and reports required to the ESG Team.	

Notify the Build/Operations Supervisor and Environmental Sustainability Governance Team of all major incidents


Aspect	Notification	Responsibility
All liquids and substances which have the potential to cause environmental pollution to be labelled and stored appropriately	Build/Operations Supervisor	Everyone
Communicate requirements storage, handling of liquids and substances to staff and operatives onsite incl. transport in vans		
Ensure all site staff are aware of spillage procedures		
Ensure spill kits and absorbent mats are available on all sites and in vans, restock as necessary	Procurement Team	Build/Operations/Site Manager/Store Manager
Waste contractors, only, as agreed with the Procurement Team	Return records to ESG team	
Obtain, retain waste records and waste transfer notes or consignment notes for all waste removed from sites	Build/Operations Supervisor	Build/Operations Supervisor
Undertake training as necessary	Everyone	
Carry out Audits as per Audit Schedule	Build/Operations Supervisor	

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Tree Management		
1	Survey the site before undertaking a tree/vegetation cutting,	
2	Engagement with Principal Designer to ensure necessary permissions are in place and for conditions	
3	Adhere to all National Joint Utilities Group (NJUG) Guidelines for the Planning, Installation and Maintenance of Utility Apparatus in Proximity to Trees,	
4	Stop activity when nesting birds or bats could be present	
5	Protect nearby vegetation	
6	Seek advice from Environmental, Sustainability and Governance (ESG) department as required	
7	Park vehicles and place potential pollutants away from root systems	
8	Where necessary, hand dig only around root vegetation systems	
9	Complete required reports, as soon as possible and return to the appropriate statutory agency,	
10	In the event of an incident, advise the ESG Team at the earliest opportunity, undertake an investigation immediately to identify root cause, including recommendations	
11	Undertake remedial works as necessary to prevent recurrence	
12	Provide all notifications and reports required to the appropriate departments for review	
13	Any general issues or complaints contact a member of the ESG Team.	

Notify the Build/Operations Supervisor and Environmental Sustainability Governance Team of all major incidents immediately.

Aspect	Notification	Responsibility
All liquids and substances which have the potential to cause environmental pollution to be labelled and stored appropriately and away from trees	Build/Operations Supervisor	Everyone
Communicate procedural and legislative requirements to staff and operatives onsite		
Ensure all site staff adhere and have access to the National Joint Utilities Group (NJUG) Guidelines for the Planning, Installation and Maintenance of Utility Apparatus in Proximity to Trees		
Specialist contractors, only to undertake works		Build/Operations/Site Manager/ Manager
Obtain and retain records and return to local authority as required	Build/Operations Supervisor	Build/Operations Supervisor
Undertake training as necessary	Everyone	
Carry out Audits as per Audit Schedule	Build/Operations Supervisor	

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Dust Suppression - Each employee and contractor has the responsibility to prevent a statutory nuisance from dust under the Clean Neighbourhoods Act 2011. They have a responsibility to ensure the company's impact on the environment is kept to a minimum through the UK Air Quality Regulations.		
1	A courtesy board should be located near the worksite	
2	Identify opportunities where works can be completed by eliminating dust production and maximise distance to sensitive receptors	
3	Use sheeting and temporary screens to enclose work area	
4	Dust suppression measures must be used in any event where dust is produced	
5	Water bottles/tanks and vacuums can be attached to many tools for this purpose	
6	The spray nozzle can sometimes become blocked due to the nature of the work that is carried out or type of material being cut. If unable to get dust suppression system to work on your road saw or do not have a spray bottle for the hand-held con-saw then, DO NOT USE THE SAW.	
7	Where possible, direct dust away from vegetation and potential animal habitats to reduce impact on the environment. Dust can affect the health of plants.	
8	In the event of an incident or complaint, advise the ESG Team at the earliest opportunity, undertake an investigation immediately to identify root cause, including recommendations.	
9	Undertake remedial works as necessary to prevent recurrence	
10	Provide all notifications and reports required to the appropriate departments for review	

Any general issues or complaints contact a member of the ESG Team.

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De-watering and De-silting Procedure	
Compliance	
Each employee and contractor has a responsibility to ensure work carried out is in compliance with; <ul style="list-style-type: none"> Water (Northern Ireland) Order 1999, Control of Pollution and (Oil Storage) Regulations (Northern Ireland) 2010 Water Act 2003 (GB) 	
Procedure - Dewatering or pumping should be undertaken carefully to minimise the disturbance of silt.	
1	A water test is required for every chamber containing water that needs to be removed wholly or in part for operational or safety reasons under UK Environment Agency Guideline PPG20 and Northern Ireland Environment Agency Guidance on Pollution Prevention (GPP20)
2	The test must always be carried out as part of the initial access procedure for underground jointing chambers, to be conducted during the standard entry precautions for gas
3	Completing this water test can determine if a licensed waste disposal contractor is required to dispose of any polluted water found or identified. The Litmus strip will enable clear identification of polluted water
4	Do not pump water which may be suspected to be contaminated/polluted
5	Do not pump or de-water onto a footway, or into the main running surface of a carriageway in areas of Designation
6	Run the discharge hose directly into the nearest drain or ditch. Wherever possible, pumped discharges should be directed across grass covered ground to reduce any suspended solids load
7	Regular monitoring of the pump outflow must take place to ensure that the water being discharged remains clear and that silt is not being discharged
8	Do not pump water which may be suspected to be contaminated
9	Contractors for dewatering and desilting must be fully licenced waste carriers
10	Maintain a record of the Duty of Care and Consignment Notes generated for each load taken off site.
Archaeology and Heritage Procedure	
Compliance: Each contractor has the responsibility to ensure work carried is carried out in accordance with: <ul style="list-style-type: none"> Historic Monuments and Archaeology Objects Order (NI) 1995 The Treasure Act 1996 (GB) / The Treasure (Designation) Order 2002. The Planning Act (NI) 2011 / The Planning (General Development Procedure) NI Order 2015 / The Planning (Listed Building) Regulations NI 2015. Ancient Monuments and Archaeological Areas Act 1979 	

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Procedure		
1	In the event where Archaeological and Heritage sites are not identified at Surveying and Planning and are found during build-contact must be made with the ESG Team	
2	Stage 1 Preliminary Archaeological Assessment Report must be available prior to build in areas of archaeological significance	
3	Ensure all permissions and consents are in place prior to build	
4	If an Archaeological Watching Brief is required ensure this is organised and communicated.	
5	A Visual Impact Assessment may be required to assess the visual effects of a development upon the setting of an archaeological site or monument.	
6	An archaeological evaluation may be carried out prior to excavations	
7	If archaeological remains are observed or found works must cease immediately, it must be reported to the ESG team immediately who will then take further action.	

Ecology and Biodiversity		
Compliance - Each company has the responsibility to ensure there is no damage to biodiversity or ecosystems during work processes. All work must be in compliance with The Conservation of Habitats and Species Regulations 2017, The Wildlife (NI) Order 1985, and Wildlife and Countryside Act (GB) 1981		
Procedure		
1	Ensure all permissions are in place prior to works in Designations	
2	Survey the site for invasive or protected species	
3	If works are inside bird breeding season (March – August) check for signs of nesting birds	
4	If trees are suitable for bats, check for roosting signs / sites – follow the Tree Management Procedure	
5	Obtain necessary permissions before works begin	
6	Clear vegetation as instructed, if satisfied after visual checks that no breeding birds or roosting bats are present	
7	Stop activity when confirmed or suspect nesting birds or bats could be present and report to ESG Team for further inspection	
8	Protect nearby vegetation	
9	Report any biodiversity or ecology incidents	
10	Any general issues or complaints contact a member of the ESG Team	

End of document

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