Site Environmental Management Plan

**Template section 4 – Plumbers**

*To be completed by the plumbing contractor and all related subcontractors on site. The completed template must be returned to the person responsible as identified in Section 1.*

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| Company name: |  |
| Company description: |  |
| Company operations on site: |  |
| Staff number (employed at site): |  |
| Name and contact details of person responsible for coordinating environmental matters on site: |  |

*Note: for every item below, if you have assigned a high priority, then highlight that square in red to allow for prioritization of mitigation measures.*

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| **Item 1 – Physical Hazards:** potential risk to workers on site. | | | | | |
| Sub-category | Potential risk | Risk – high, medium, or low | Control and mitigation procedures | Potential accidents | Emergency response procedures |
| Excavation | Sidewall collapse, nearby structures become destabilized, back injury | *e.g. High* | *E.g. wear relevant protection gear when in construction site, such as helmet, boots.* | *E.g. Plumbers get injured due to sidewall collapses.* | *E.g. conduct team meeting and briefing on the importance of protection and mitigation of accidents. Clear ways to allow ambulance come into construction site. Provide first aid kit.* |
| Sharp materials | Severe cuts, abrasions, electric shock. |  |  |  |  |
| Physical injury of imbalance | Unexpected events can cause startled workers to lose their balance and fall from ladders or jerk their muscles possibly causing whiplash or other injuries. |  |  |  |  |
| Noise pollution | Noise from construction site |  |  |  |  |

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| **Item 2 - Waste** (Solid, Liquid and Toxic): risk to workers on site, potential risks to soils &waterways, impacts on landfill. | | | | | |
| Sub-category | Potential risk | Risk – high, medium, or low | Control and mitigation procedures | Potential accidents | Emergency response procedures |
| Clean solid Waste (Such as packing, pipe cut-off, damaged equipment) | Saturation of landfill sites. Certain wastes are hazardous once landfilled. | *E.g. High* | *E.g. Avoid over-ordering materials to reduce waste.*  *Assign recycling bins on site and follow targets to achieve recycling level required for Homestar rating* | *E.g. Workers do not segregate waste appropriately. Recyclable wastes are not recycled.* | *E.g. conduct team meeting and briefing on the importance of waste segregation and recycling to achieve Homestar outcomes.* |
| Contaminated solid waste (Old toilets, Wasted sewage pipe) | Saturation of landfill sites. Bacteria and hazardous substance may contaminate nearby environment, such as soil, waterways etc. |  |  |  |  |
| Sewage spills | Risk to human health.  Ecotoxic for local environment. |  |  |  |  |
| Toxic gas | Ignition or explosion, asphyxiation, loss of gas to the environment. Experience eye and nose irritation, breathing difficulty, coughing, and headaches. |  |  |  |  |

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| **Item 3 – Hazardous substances and contaminated soil**: risk to workers on site, potential risks to soils and waterways. | | | | | |
| Sub-category | Potential risk | Risk – high, medium, or low | Control and mitigation procedures | Potential accidents | Emergency response procedures |
| Contaminated Soil  (existing contaminated soil taken from the project site) | Risk of contamination of waterways at point of disposal | *Eg. High* | *E.g. Specialist contractor engaged on site to take all contaminated soil and treat it accordingly (either on site or off site). Where possible re-use treated soil on site or replace with previously remediated.* | *E.g. Spillage of soil or runoff into waterway* | *E.g. Contain spillage and clear area around waterway immediately. Inform site manager and local authority environmental agency. Filter soil from waterway if possible and secure area to avoid accident recurring.* |
| Waterborne, pathogens | Infectious diseases such as hepatitis, cholera, dysentery. |  |  |  |  |
| Liquid/ solid chemicals | Skin irritation and potential penetration into blood stream. Pollution to soils and waterways. |  |  |  |  |