**A1 Group H&S Method Statement**

This Health and Safety Method Statement has been prepared by A1 Group and concerns removing all vegetation from the Spout Lane lagoon at Heathrow Airport situated close to Terminal 5 on behalf of MITIE who are undertaking the work on behalf of BAA on the <Insert Date>.

Please find below details of the work to be carried out and any perceived hazards associated to the work involved and should be read in conjunction with quotation provided.

**Nature of Work**

BAA will remove all water from the concrete lagoon which is fed from the both the southern and northern runways and is close to Terminal 5. The lagoon contains a mixture of water and anti-freeze and is considered a hazardous waste and must be removed and disposed of securely. The area is does not have pedestrian access and traffic is limited to authorised contractors only and is locked at all times. The plastic balls which are on top of the water will remain in the lagoon and once the water is pumped from the lagoon approx. 250mm of silt will remain. Once A1 employees are able to enter the lagoon safely then all the remaining vegetation will be removed and placed into skips for secure removal by a third party.

 **Scope of work for A1 Employee**

1. The task involved is to remove all vegetation from the lagoon whilst working in approx. 250mm of silt which is considered safe for the A1 Group vehicles to operate in. All vegetation will be removed using mechanical excavator and placed once removed into skips for safe removal from site by a thirds party.

***Security***

1. A welfare unit will be placed at the site entrance and manned at all times by A1 employee whilst the work is in operation between the hours of 7am and 5pm. All contractors entering site will be asked to sign in before entering the site

***Electrical and water supply***

1. All 7 aeration pumps will be switched off and isolated prior to any work commencing and this will need to be signed off by BAA. The water pipe that leads into the lagoon will also be closed and confirmed to A1 prior to any work being undertaken.

***Fencing***

1. There is no wildlife present due to the nature of the liquid in the lagoon as it is not oxygenated.
2. Heras fencing will be erected around the three tanks to prevent access. Heras fencing will also be erected along the ramp leading into the lagoon.

***A1 Employees***

1. There will be 3 employees working on lagoon at any one time (2 skip drivers, 1 7.5 tonne excavator driver, and 2 labourers. No signage will be required as no pedestrian or traffic access to lagoon

***PPE***

1. All A1 Group employees will wear correct PPE at all times whilst undertaking all work associated with the contract
	1. Outside lagoon (Hi Vis jacket, hard hat, gloves, safety goggles and ear protection)
	2. Inside of lagoon (Hi Vis jacket, lift jacket, waders, gloves, safety goggles hard hat and ear protection)

***Safe Operating Procedures***

1. All equipment used will be removed from A1 vehicles using correct manual handling techniques

 ***Nature of work***

1. Heras fencing will be erected prior to wok commencing along the entire edge of the slope running into the lagoon to ensure employees / plant or equipment does not fall into the lagoon
2. Once the silt is down to approx. 250mm then the 7.5 tonne excavator will remove all vegetation in the lagoon and place into dumpers who will then transport to skips at the bottom of the ramp leading into the lagoon. Once the skip is full it will be removed from site
3. Ensure that Heras fencing is erected around the excavator and dumper when not in use
4. A1 employees will seek confirmation from client that all vegetation is removed from the lagoon to the specified standards and BAA will then open the gates to allow water etc to renter the basin

**Potential Hazards to A1 Group employees**

The potential hazards and risks to which the teams may be exposed are:

1. *Working in near water/silt*

Control Measure: Care will be required at all times whilst manoeuvring around the lagoon. A1 employees will correct PPE at all times waders, life jackets, gloves and safety goggles. No signage required on site as closed access to traffic and pedestrians.

1. *Noise*

Control Measure: The Lagoon is in the flight path situated close to Heathrow’s southern runway. Ear protection must be worn by A1 employees at all times due to hours being worked whilst on site and the noise levels being in excess of 85dB

1. *Lifting equipment from Lorry*

Control Measure: All A1 Group employees had undertaken correct manual handling and lift training. Where necessary then two A1 Group employees can lift material directly into position by the lagoon.

1. *Using 7.5 tonne excavator when removing remaining silt from lagoon*

Control Measure: Excavator to only be operated by A1 employee who is fully trained and possess correct licence. A1 Group will ensure access to these areas is strictly controlled whilst work is being undertaken. No signage is required as area is not a public pedestrian access.

1. *Trip Hazards*

Control Measure: A1 employees will erect signage if deemed necessary to warn of possible vegetation on the ramp area whilst transferring into skips. This will all be removed at the end of the work and cleaned where necessary.

***Other:***

* There will be no hazardous materials used
* No chemicals
* No silicone
* No burners
* No oils
* No lubricants
* No gas or naked flames
* No mains voltage tooling

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| **Confirmation** |

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| Print Name:  |

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| Signature:  |  | Date:  |