**A1 Group H&S Method Statement**

This Health and Safety Method Statement has been prepared by A1 Group and concerns removing all silt from 4 basins at Heathrow Airport 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**

Remove all silt from concrete basin adjacent to two rivers near Heathrow Airport. The area is does not have pedestrian access or traffic. Where silt cannot be pumped directly onto drying bed then it will be transported using A1 tankers.

 **Scope of work for A1 Employee**

1. The task involved is to stop A1 Group tanker and associated vehicles in close proximity to the basin near Heathrow airport
2. Unload all equipment from A1 lorry
3. All fish will have been removed from the basin by a third party using Electro fishing and the gates will be closed by BAA (Aquatic services to provide own RAMS)
4. A1 employees will seek confirmation from Aquatic Services to ensure all fish have been removed and gates to basin have been closed by BAA
5. There will be 5 A1 employees working on each basin at one time (2 tanker drivers, 1 digger driver and 2 labourers. No signage will be required as no pedestrian or traffic access
6. All A1 Group employees will wear correct PPE (Waders, life jackets, gloves, safety goggles) at all times whilst undertaking all work associated with the job. All equipment will be removed from A1 vehicles using correct manual handling techniques
7. Erect Heras fencing around edge of basin to ensure employees don’t fall into basin
8. A1 will set up a 6 inch diesel pump and remove all clean water into the nearby river. Erect Heras the fencing around the pump.
9. Ensure spill kit is at close proximity to area in case of spillage.
10. Once all water has been removed to a specific level then all silt will be removed into the nearby drying bed using diesel pump and hoses
11. If the drying bed is not accessible using the pump system then silt will be pumped into the A1 tanker and driven to the bed and deposited in a safe manner from the tanker
12. Once the silt is down to approx. 6 inches then the 7.5 tonne excavator will drag the remaining silt from the bottom of the basin to an area close to the pumps to allow for further pumping into the drying bed or tanker. Ensure that Heras fencing is erected around the excavator when not in use
13. Place a suitable and well maintained ladder into the basin and prior to descending ensure it is tied off at the top of the bank using cable ties to the cable hooks which are situated on the bank of the basin.
14. Prior to employees entering the basin and during the basin cleaning operation all tanker operatives must ensure they are fixed to tanker using a lanyard and harness to prevent from falling to the basin
15. Once all safety measures have been taken and approved and all silt has been removed A1 employees will enter the basin via the ladder following the correct procedures for working at heights (descending a ladder) and once on the basin floor they will commence cleaning using high pressure water system
16. A1 employees will also use brushes and mops to clean the remaining silt from the basin floor with all deposits being removed by pump or tanker to the drying beds
17. Once the concrete floor of the basin is clean then all machinery and personal will be exit the basin floor
18. A1 employees will seek confirmation from client that basin is clean to the specified standards and BAA will then open the gates to refill the basin with clean water

**Potential Hazards to A1 Group employees**

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

1. Working in near water

Control Measure: Care will be required at all times whilst manoeuvring around the basin. 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. 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 basin to commence pumping operation.

1. Using 7.5 tonne excavator when removing remaining silt from basin

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 pumps and hoses in operation

1. Silt Material. There will be approx. **XX** kg of debris collected

Control Measure: Silt will be pumped into nearby drying bed. Where the bed is not accessible using the pumps then the A1 tanker will remove silt from basin and then transport to drying bed where it will be deposit. A1 will keep area isolated although no public access.

***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:  |