Horn Lane, Acton

Intervention Strategy

This strategy lists all of the sources of potential PM10 pollution in the Horn Lane area. It goes on to list which body is responsible for the regulation of these sources and what they are proposing to reduce potential emissions. It is not the purpose of this strategy to determine liability and the inclusion of a source does not mean it is causing PM10 pollution, only that a potential exists.

Version 6

This strategy has been prepared by the Environment Agency following input from the Greater London Authority, Transport for London, Network Rail, Crossrail and the London Borough of Ealing

	Source	Owner	Action	Deadline
	Gowing & Pursey Waste Transfer Station			
1.1	Waste deposit	EA	Ensure waste is tipped stored, segregated and loaded inside the waste transfer building	1 July & ongoing
1.2	Waste deposit	EA	Ensure dust suppression system is used	1 July & ongoing
1.3	Waste storage	EA	Ensure waste is stored inside the waste transfer building	1 July & ongoing
1.4	Waste storage	EA	Ensure dust suppression system is used	1 July & ongoing
1.5	Vehicle & plant emissions	EA	Ensure plant and vehicles under the control of the permit holder are switched off when not being used	1 July & ongoing
1.6	Vehicle & plant emissions	EA	Consider using emission limits to III A standard in permits	1 October
1.7	Vehicle & plant emissions	EA	Consider erecting no idling signs on site	1 August
1.8	Yard surface	EA	Ensure site surface is damp to prevent dust being generated	1 July & ongoing
1.8	Yard surface	EA	Promote the use of CMA to prevent dust being generated	1 July & ongoing
1.9	Mud & debris tracking	EA	Ensure all vehicles use the on-site wheel wash – Bulker to use the wheel-wash/hose as appropriate	1 July & ongoing
1.10	Mud & debris tracking	EA	Ensure any mud and debris is removed from the public highway immediately by operator.	1 July & ongoing
1.11	Compliance Monitoring	EA	Increase visit frequency to weekly	1 July & ongoing
1.12	Compliance Monitoring	EA	Joint visits with LB Ealing once a month	1 July & ongoing
1.13	Particulate Monitoring	EA	Send monitoring data to monitoring.data@environment-agency.gov.uk monthly (include the words “Horn Lane” in all emails	1 July & ongoing

	Source	Owner	Action	Deadline
	Hanson Concrete Batching Plant			
2.1	Yard surface	LBE	Ensure operator promptly cleans up spillages	15 July & Ongoing
2.2	Yard surface	LBE	Ensure operator keeps site surfaces damp at all times and consider use of CMA or other high efficacy dust suppressant.	15 July & Ongoing
2.3	Raw material deposit	LBE	On the raw material deposit bay (bottom of the conveyor), consider water mist systems to contain any dust during tipping and handling activities.	1 August
2.4	Raw material storage	LBE	Inspection hatch problem – one off occurrence – now resolved. Reports have been received that dust has been escaping the site since the resolution of the inspection hatch.	15 July & Ongoing
2.5	Vehicle & plant emissions	LBE	Ensure plant and vehicles under the control of the permit holder are switched off when not being used – Consider using emission limits to III A standard in permits	15 July & Ongoing
2.6	Vehicle & plant emissions	LBE	Consider erecting no idling signs on site and consider electrical power packs to remove the need for idling during loading/discharge.	15 July & Ongoing
2.7	Mud & debris tracking	LBE	Ensure the site has an effective wheel cleaning system with the objective of cleaning the wheels of all vehicles leaving the site	1 September & ongoing
2.8	Waste storage	LBE	Enclose waste storage bay and consider water mist systems to contain any dust during tipping and handling activities.	1 October
2.9	Particulate Monitoring	LBE	Require operator to install PM10 monitor to the NE of their site to monitor their emissions	1 September
2.10	Particulate Monitoring	LBE	Send monitoring data to monitoring.data@environment-agency.gov.uk monthly (include the words “Horn Lane” in subject line for all emails)	1 September
2.11	Compliance Monitoring	LBE	Increased visit frequency to at least weekly	1 July
2.12	Compliance Monitoring	LBE	Joint visits with EA once a month	1 July

	Source	Owner	Action	Deadline
	Horn Lane Metals			
3.1	Waste deposit	EA	Influence operator to install additional dust suppression measures.	1 July
3.2	Waste storage	EA	Meeting with operator to explain situation re AQ	1 July
3.3	Vehicle & plant emissions	EA	Meeting with operator to explain situation re AQ	1 July
3.4	Compliance Monitoring	EA	Increased visit frequency to weekly	1 July & ongoing
3.5	Compliance Monitoring	EA	Joint visits with LB Ealing once a month	1 July & ongoing

	Source	Owner	Action	Deadline
	Yeoman Aggregates			
4.1	Yard surface	LBE	New bowser purchased with PTO to tractor	15 July & Ongoing
4.2	Yard Surface	LBE	Ensure operator keeps site surfaces damp at all times, including effective use of the sprinkler system	15 July & Ongoing
4.3	Yard surface	LBE	Explore possible use of CMA with operator instead of or in addition to current dust suppressant	1 August
4.4	Mud & debris tracking	LBE	Ensure correct and effective use of vehicle wheel wash – installation of speed humps	15 July & Ongoing
4.5	Raw material deposit	LBE	Possible enclosure/covering – to be discussed with the operator	15 July & Ongoing
4.6	Raw material storage	LBE	Ensure new bowser is used on raw material stockpiles	15 July & Ongoing
4.7	Vehicle & plant emissions	LBE	Ensure plant and vehicles under the control of the permit holder are switched off when not being used – Consider using emission limits to III A standard in permits	1 August
4.8	Vehicle & plant emissions	LBE	Ask operator to erect no idling signs on site	1 August
4.9	Train emissions	LBE	Possible discussions over reducing train idling (DB Schenker/Network Rail)	1 August
4.10	Waste treatment activity	LBE	Ensure new water bowser is used during waste treatment activities	15 July & Ongoing
4.9	Waste treatment activity	LBE	Ensure new regulator is aware of issues at Horn Lane and conducts a joint visit before regulator is transferred.	15 July & Ongoing
4.10	Waste deposit	EA	Ensure new water bowser is used during loading/unloading operations	1 July & ongoing
4.11	Waste storage	EA	Ensure dust suppression system is used	1 July & ongoing
4.12	Waste storage area surface	EA	Ensure dust suppression system is used	1 July & ongoing
4.13	Particulate Monitoring	EA	Move monitor to the waste storage area	1 August
4.14	Particulate Monitoring	EA	Send monitoring data to monitoring.data@environment-agency.gov.uk monthly (include the words “Horn Lane” in subject line for all emails)	1 July & ongoing
4.15	Compliance Monitoring	EA	Increased visit frequency to weekly	1 July & ongoing
4.16	Compliance Monitoring	EA	Joint visits with LBE once a month	1 July & ongoing

	Source	Owner	Action	Deadline
	Public Highway			
5.1	Idling traffic	LBE	TfL have supplied 'no engine-idling' sign details to LBE. LBE may require approval from DfT re no idling signs on Horn Lane and the parade of shops	1 Sept
5.2	Debris on highway	LBE	Investigate further street cleaning options (inc central reservation) to be more effective and more frequent (possibility of road washing as per LB Brent)	1 August
5.3	Road works – local road	LBE	Road works – implement pro-active dust control protocol for any future road works	1 Sept
5.4	Road schemes	LBE	LBE to ensure any further highway developments that have the potential to have a negative impact on local air quality avoided and where not possible the impacts are minimised	1 August
5.5	LBE Road Network	LBE	TFl and EA to be provided with details of LBE Streetcare department to report any incidents (eg concrete spills) requiring urgent attention on the LBE road network. – All to monitor	15 July
5.5	TfL Road Network	TfL	EA and LBE have direct line to TfL's Contractors to report any incidents (eg concrete spills) requiring urgent action on the TfL road network – All to monitor	27 June

	Source	Owner	Action	Deadline
	Private Haul Road			
6.1	Idling traffic	LBE	TfL have supplied 'no engine-idling' sign details to LBE. LBE to talk to landowner re no idling signs on the private haul road	1 August
6.2	Debris on private haul road	LBE	LBE to take steps to ensure the private road is kept clean by the frontagers/landowners	1 August & ongoing
6.3	Maintenance	LBE	LBE to ensure frontagers/landowners take responsibility for the maintenance of the road	15 July onwards

	Source	Owner	Action	Deadline
	Bus Tailpipe Emissions			
7.1	Engine-idling at the bus stop and stand	TfL	TfL carry out engine-idling enforcement checks at least once a day	1 July & ongoing

	Source	Owner	Action	Deadline
	Network Rail / Crossrail			
8.1	Waste storage	NR	Use covered skips to store waste	15 July
8.2	Waste storage	NR	Use water bowser and cannon to spray waste stockpiles to prevent "wind whipping"	15 July
8.3	Vehicle & plant emissions	NR	Ensure plant and vehicles under the control of the site operator are switched off when not being used – Talk to GLA re emission limits for III A standard.	15 July
8.4	Vehicle & plant emissions	LBE	Consider erection of no idling signs on site	1 August
8.5	Earthwork excavations	NR	Use water bowser and cannon to damp down dusty activities	15 July
8.6	Yard surfaces	NR	Use water bowser and CMA solution to prevent dust suspension	15 July
8.7	Particulate Monitoring	NR	Send monitoring data to monitoring.data@environment-agency.gov.uk monthly (include the words "Horn Lane" in subject line for all emails)	15 July