

Action Plan for Non Attainment City – SAGAR as per Hon’ble NGT Principal bench, New Delhi
Case No. 681/2018 Order dated 08.10.2018

Source Group	Action Plan	Implementation Period (Short/Mid/Long-term)	Time Target for implementation	Responsible agency (ics)	Work to be done	Compliance Report
Vehicles	1. Restriction on plying and phasing out of 15 years old commercial diesel driven vehicles.	Long	12 Months (Policy matter- decision at Govt. level)	Transport Department/ RTO	-	1. Department has restricted 15 year old commercial diesel driving vehicle (Auto) since 09.03.2015, department has replace 943 diesel driving vehicles by LPG based vehicles. 2. As per Central Motor Vehicle Act, 1988, Sec.59 “Power to fix the age limit of motor vehicle” under this section Central Government is empowered to fix the age limit of motor vehicle. 3. To phase out 15

						year old all Commercial diesel driven vehicles
2. Introduction of cleaner fuels (CNG/LPG) for vehicles	Mid	June 2019	Transport Department/ RTO & Oil companies	-	1. Department is promoting introduction of cleaner fuels & Food Dept. is planning to Promote CNG/LPG fuel for Vehicle in Sagar City. 2. Department has replace 943 diesel driving vehicles by LPG based vehicles. 3. Registered Vehicles- 1. LPG base 2352 no (Car/Auto) 2. E- Ricksha - 03 no.	
3. Regular checking of vehicular emission and issue of Pollution under Control Certificate (PUC)	Short Long	02 Months 12 Months	Transport Department & Traffic Police	1. Regional Transport Office should have separate cell for PUC certification and its compliance. 2. In RTO Office all PUC centers	1. It is a regular activity & being done by RTO. 2. Also, the joint vehicular monitoring by RTO /Traffic Police & MPPCB is done regularly.	

		Short	02 Months		<p>should be interlinked to the central system located at RTO from where each result can be seen and recorded.</p> <p>3. To open about 30 nos. Pollution check centres at various locations such as all the Petrol pumps & all the authorized workshops of city Indore.</p> <p>4. PUC instruments to be calibrated once in six month.</p> <p>5. PUC certificate of vehicle should be checked regularly and vehicles not having valid PUC certificate should be panelized.</p>	3. RTO Sagar has permitted – 17 PUC check certification center which are working.
		Mid	06 Months			
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	4. Good traffic management including re-direction of traffic movement to avoid.	Long	12 Months	Traffic Police	<p>1. Installation of RLVD system in prominent squares of the city.</p> <p>2. Centrally</p>	Traffic police make various one way in Sagar city to control heavy traffic.
		Long	12 Months			

		Long	24 Months		controlled messages to public through LED display in prominent squares. 3. Construction of Flyovers at Makroniya Railway bridge	Construction work is started.
	5. Ban on registration of Diesel driven Auto-Rickshaw/Tempo.	Short	April 2018	Transport Department	-	Ban has imposed from 09.03.2015 on diesel driven auto rikshaw.
	6. Promotion and operationalization of E-Rickshaw	Mid	06 Months	Transport Department	-	Department is planning to promote E-Rickshaw in city.
	7. Development of Multi-layer Parking.	Long	24 Months	MC. UD & HD & District Adm.	Under study in Smart city mission.	-
	8. Retrofitting of particulate filters in diesel driven vehicle.	Long	24 Months	Transport Department	-	It is a policy decision.
	9. Checking of Fuel adulteration	Short	Already being implemented as a regular regulatory work.	District Adm/ Food Controller & Oil Company		1. Already implemented. Food controller, Sagar is conducting regular checks every month. 2. Food depts. has checked 36 petrol

						pump & Registered 07 case and imposed fifty thousand rupees fine on fuel pump.
	10. Monitoring on vehicle fitness	-	Already being implemented as a regular regulatory work.	Transport Department & Traffic Police	-	Fitness of vehicles checked as per annually basis.
	11. Periodic calibration test of vehicular emission monitoring instrument	Mid	06 Months	Transport Department/ RTO	Periodic calibration test of vehicular emission monitoring instrument	<ol style="list-style-type: none"> 1. Regular vehicular monitoring is done by RTO/Traffic Police & MPPCB. 2. On an average department is doing monitoring of 500 vehicles per month and RO MPPCB is doing 100 vehicles per month. 3. During last year department has imposed case fine of Rs. 408000/- on 136 Polluting vehicles. 4. Periodic

						calibration test complied.
Road Dust	1. Regular cleaning of road dust.	Mid	12 Months	MC - Sagar	Mechanized sweeping machines for road dust cleaning under consideration.	Mannually regular cleaning.
	2. Water Spraying on road through tankers.	-	Regular activity	MC - Sagar	-	Water Spraying on road through tankers.
	3. Construction of pucca pavement along the roads.	Long	12 Months	MC - Sagar and Road Construction Department	Construction of pucca pavement along the roads.	<ol style="list-style-type: none"> 1. Pavement construction done as required along Sagar city road. 2. Paving has done by agency on Sagar-Makroniya city link road, Civil line area & sanjay drive to BMC road. 3. Lenth of road in Sagar city- <ul style="list-style-type: none"> • 10.00 KM.. Tar road, 99.76 KM. Cement concreat road & 5.00 KM. Paving along the road are constructed by MC Sagar
	4. Tree Plantation along	Long	Plantation work	Department	Tree plantation along	Nagar Nigam Sagar

	the roads.		in road dividers, in parks and road sides is continuously being done by Municipal Corporation	of Environment and forest	the roads.	has done plantation along the major roads in Civil line area, Medical College area & surrounding the Sagar lake. Plantation is also done in public parks. It is a regular activity.
	5. Development of green belt in open areas, gardens, Parks/Community places, schools & housing societies.	Long	Aug. 2019	Department of Environment and forest	Development of green belt in open areas, gardens, Parks/schools & other remaining areas of Sagar city.	Nagar Nigam Sagar has developed Chandra park, Gour park & Madhukar Shah park in Sagar city & Plantation work under divider in various areas in Sagar city. It is a regular activity.
	6. Introduction of Water fountains at major traffic intersection/Golambar/circle	-	-	MC - Sagar	-	There is no such special requirement of Water fountains at major inter section.
Constructi on activities	1. Covering of construction site.	Short	1. MC- Sagar has mentioned the condition of covering of construction site in building permission.	Building Construction Department and MC - Sagar	Covering of construction site.	Municipal Corporation Sagar has directed to its citizens to strictly follow provisions of construction & demolition Waste Management rules, 2016.

			2. MC- Sagar conducts regular checks to comply the conditions.			
	2. Transportation of construction materials like sand, soil, stone chips etc. in covered system.	-	-	Transport Department District Adm.& Traffic Police	-	Instruction has been given to all transporters to transport material in covered system.
	3. Restriction on storage of construction materials along the road.	-	-	MC - Sagar	Restriction on storage of construction materials along the road.	Municipal corporation Sagar has directed to ensure metal sheet covering of full height along the area and regular Water sprinkling to control of fugitive emission generate during C&D activities.
Biomass and garbage burning	1. Restriction on open burning of municipal solid waste, Biomass, plastic horticulture waste etc.	-	MC-Sagar has issued order to prevent all types of garbage burning along with horticulture & agricultural wastes.	MC - Sagar	Restriction on open burning of municipal solid waste, Biomass, plastic horticulture waste etc.	Municipal Corporation Sagar is taking all the possible major to prevent burning of Municipal Solid Waste in present MSW disposal area, Water sprinkling is done as per need.

	2. Immediate lifting of solid wastes generated from de-silting and cleaning of municipal drains for its disposal.	-	It is a regular activity.	MC - Sagar		Immediate lifting of solid wastes generated from de-silting and cleaning of Municipal drain, done periodical.
	3. Transportation of Municipal solid wastes, construction materials and debris in covered system.	-	-	MC - Sagar	Transportation of Municipal solid wastes, construction materials and debris in covered system.	Proper door to door Collection, Segregation & transportation of MSW & other Waste. It is ensured that MSW transportation is in covered manner.
	4. Ensuring promotion & use of cleaner fuel for commercial purposes like local Dhaba/ eateries.	Long	Its continuous process of implementation. However all Hotels/ Restaurant/ eateries are using LPG.	District Adm. & Oil Company	Ensuring promotion & use of cleaner fuel for commercial purposes like local Dhaba/ eateries.	Continuous process of implementation.
Industries	1. Ensuring installation and operation of air Pollution Control devices in industries	-	-	SPCB	-	Inside the Sagar city area there is no any polluting major industrial unit, but board has ensured the installation and operation of Air Pollution control devices in industries.
	2. Ensuring emission standards in industries.	-	-	SPCB	-	Complied.

	3. Adoption of cleaner technology in brick kilns at five block of City Name Viz. city Name Sadar, Danapur, Phulwarisharif, Maner and Fatuha by 31.08.2018	-	-	SPCB	-	There is no Brick kilns unit in Sagar city. Board has directed to concern construction authority to promote use of fly ash in Bricks manufacturing Building construction and other Govt. works to address the issue of Brick kilns.
	4. Shifting of Polluting industries	-	-	SPCB & Industry Department	-	No air polluting industries is identified in the area, which is required to sifted.
	5. Ban on Pollution industries.	-	No highly Air polluting industry is permitted in the nearby area. Hence no such ban is required.	SPCB & Industry Department	-	No action required.
Strengthening of AAQ Monitoring	1. Installation of four CAAQMS at City Name. A. Two CAAQMS stations under CSR funds of CPSU through Central Pollution Control Board at Eco-Park and IGIMS, city Name premise.	-	-	SPCB	Installation of CAAQMS in Sagar city is under consideration in Sagar Smart city project.	1. MPPCB Sagar is monitoring ambient air quality at 02 locations- namely Deen Dayal Nagar & New Colony, Tili road, with the help of

	B. Two CAAQM stations under state Govt. financial assistance.					manually operated monitoring stations twice in a week basis. 2. The AQI is calculated & displayed on Board's website regularly.
	2. Source apportionment study	-	-	SPCB	Source appointment study	The air quality index of Sagar city is observed in satisfactory category.
Public Awareness	1. Issue of advisory to public for prevention and control of air pollution.	-	Being done as a continuous process.	SPCB & MC - Sagar	Issue of advisory to public for prevention and control of air pollution.	MPPCB Sagar has organized Public awareness program for prevention & control of Pollution from time to time specially World Environment Day, Dasehara/Diwali day.
	2. Involvement of school and other academic institution in awareness program.	-	It is regular activity	SPCB	Involvement of school and other academic institution in awareness program.	Continuous activity.
Others	1. Compliance of guidelines on D.G. sets and action against	Short	Being done as a routine regulatory	SPCB & MC - Sagar	Compliance of guidelines on D.G. sets and action	For Control of Air & Noise Pollution all the D.G. Sets are

	violation.		process		against violation.	having canopy & suitable venting arrangements. No DG sets are allowed to be operated in city Sagar without having appropriate canopy
	2. Help line to oversee non compliance on aforesaid issues.	-	-	SPCB & MC - Sagar	Help line to oversee non compliance on aforesaid issues.	Municipal Corporation has setup a helpie number for compliance on aforsaid issues and others.